

MEMBER OF THE A. B. C.  
FORTY-SIXTH YEAR

U. S. Department of Agriculture

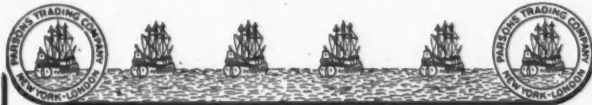
# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY.

ESTABLISHED IN 1872

Vol. LXVI. No. 4. NEW YORK AND CHICAGO, JANUARY 24, 1918.

Per Annum, \$4.00  
Single Copy, 10 Cents



## A FOREIGN DEMAND FOR YOUR PAPER

will keep your mills working to capacity in normal times by absorbing the surplus over the requirements of your domestic market.

The Parsons Trading Company with its established branches and selling organization throughout the world supplies the medium by which this surplus can be exported without trouble, risk or expense to you. Now is the time to prepare for a PERMANENT capacity output.

LONDON BUENOS AIRES HAVANA MEXICO, D. F. STOCKHOLM  
**PARSONS TRADING COMPANY**  
Exporters and Importers of Paper and Pulp  
17 Battery Place, NEW YORK

SYDNEY MELBOURNE WELLINGTON CAPE TOWN BOMBAY

## VITO G. CANTASANO & BROS.

Special Packing of New & Old Cotton Rags, Woolens, Bagging and all grades of Paper Stock.

OFFICE AND MAIN PACKING HOUSE, 185 SOUTH STREET  
Branch—395 PEARL STREET 34 VANDEWATER STREET  
New York  
Telephone 1832-1833 Beekman.

## F. BREDT & CO.

240 WATER STREET, NEW YORK CITY

ANILINE COLORS and DYESTUFFS for Paper Mills  
TRADE MARK  
REGISTERED  
Ultramarine Blue, Brown and White Sugar of Lead, Canvas Dryer Felts

SOLE AGENTS FOR  
**JOSEPH PORRITT & SONS** **FELTS AND JACKETS**

**Morey and Company**  
INCORPORATED  
**PAPER STOCK**

27 Commercial Ave. Cambridge, Mass.

# PAGE 15!

PAPER STOCK, RAGS, ETC.

**J. I. LENHART**

236 1/2 N. DELAWARE AVE. PHILADELPHIA

WAREHOUSES: { 231 N. WATER ST.  
                  { 236 N. DELAWARE AVE.

H. E. WOODWARD, Pres.

WALTER P. SIMONDS, Treas.

## TRAIN SMITH COMPANY

IMPORTERS AND DEALERS IN

ALL GRADES OF FOREIGN AND DOMESTIC PAPER STOCK

67 MILK STREET, Equitable Bldg., BOSTON, MASS

## GLENS FALLS MACHINE WORKS

GLENS FALLS : NEW YORK

Manufacturers of

**THE ROGERS WET MACHINE**

for Chemical Pulp

GLENS FALLS ROTARY SULPHUR BURNERS  
THE TRIMBEY AUTOMATIC CONSISTENCY REGULATOR  
THE TRIMBEY AUTOMATIC WEIGHT REGULATOR  
FOR PAPER MACHINES

## SEAMAN PAPER CO.

Paper Manufacturers

Chicago, New York, Philadelphia, Buffalo  
Detroit, Milwaukee, Minneapolis, St. Louis

Paper and Cardboards of all kinds.  
Carload lots and time contracts solicited.

We have the largest stock of "Seconds" carried in the West.

## PRICE & PIERCE, Ltd.

30 EAST 42ND ST., NEW YORK

SOLE AGENTS

OBBOLA  
FRÄNÖ  
NORRBOTTEN **KRAFTS**  
KORSNAS

**INTERNATIONAL PULP CO.**

NEW YORK CITY

## ASBESTINE PULP

REG. U. S. PATENT OFFICE

## FILLER

**90% RETENTION**

VULCANIZED FIBRE  
PARCHMOID FILTER PAPER  
VEGETABLE PARCHMENT  
GLASSINE



DIAMOND STATE FIBRE CO.  
Bridgeport, Pennsylvania

HUDSON TRADING COMPANY  
PAPER

OF EVERY DESCRIPTION

DOMESTIC and EXPORT

18 East 41st St., New York City

OFFICES AT  
BUENOS AIRES HAVANA SANTIAGO RIO DE JANEIRO

SUPERIOR CHEMICAL CO.

JOLIET, ILLINOIS

Manufacturers

PAPER MAKERS' and FILTER  
ALUM

F. L. SCHMIDT COMPANY

MANUFACTURERS OF

ENVELOPE MACHINES

and special paper handling machinery, de-  
signing, pattern making, machine work.

150 ELEVENTH AVE.

NEW YORK

## CUTTING DIES

We have been in business since 1849  
and are exceptionally well fitted by ex-  
perience, with equipment and highest  
class of workmen, to furnish dies for  
cutting paper, etc., for all purposes.



For Dieing Out Envelopes, Labels, Lith-  
ographs and Advertising Novelties, Boxes,  
Wrappers, Gaskets, Toys, Paper Napkins,  
Drinking Cups, etc., etc.

The Hoggson & Pettis Mfg. Co.  
NEW HAVEN, CONN., U. S. A.

"By Test The Best"



SERVICE  
EFFICIENCY  
ECONOMY

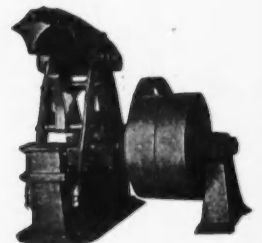
are the prime reasons why  
our

SPLITTERS AND BARKERS

are in universal use in the pulp industry of United  
States and Canada. Write us for particulars.

WATERVILLE  
IRON WORKS

WATERVILLE  
MAINE



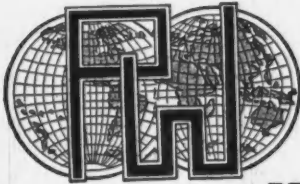






**Parsons & Whittemore, Inc.** 174 Fulton St. New York City

**P**aper and Pulp Exporters



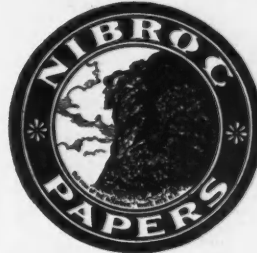
**A**gents for Leading Paper Manufacturers, McNamee Clays, Etc.

**N**one but the best grades.

**D**omestic Export and Import

**W**ood Pulp—All Grades Paper Mill Supplies

# GENUINE KRAFT



**Nibroc Kraft**                      **Nibroc Fibre**  
**Bermico Builder's Sheathing Paper**  
**Mill Wrappers**  
**White Bleached Sulphite Paper**

**BROWN COMPANY**

Formerly  
**Berlin Mills Company**  
**PORTLAND, MAINE**

New York Office:  
 Woolworth Bldg.

Chicago Office:  
 116 So. Dearborn St.

## FOR SALE

**GROUND SPRUCE AND POPLAR PULP**  
**ALSO BLEACHED GROUND WOOD PULP**

**Missisquoi Pulp & Paper Co.**  
 SHELDON SPRINGS, VT.

## BLEACHED SULPHITE

FOR

**Writing, Book and Tissue Papers**

**PARSONS Pulp & Lumber Co.**

EDWIN J. DEWEY, Manager Pulp Sales

Offices, 1807-1810 Finance Bldg., PHILADELPHIA, PA.

Mill at PARSONS, WEST VA.

**DELLO**



**BOND**

AND  
**HIGH-GRADE WRAPPING PAPERS**  
**ODELL MANUFACTURING COMPANY**

527 Fifth Ave., New York

PAPER AND PULP MILLS, GROVETON, N. H.

**Super Calenders**  
**Breaker Calenders**  
**Friction Calenders**  
**Embossing Calenders**  
**Hydraulic Presses and Pumps**



*Successors to the Granger Foundry & Machine Co.*

**The Textile-Finishing Machinery Company**  
 Providence, R. I.

# BUYER'S GUIDE : Classified Index to Advertisements

All advertisers are entitled to one insertion under proper heading. Extra insertions, \$5.00 per annum. Extra Headings, \$10.00.

	Page.		Page.		Page.
<b>AGALITE.</b>		Heller & Merz Co.....	37	<b>MAGNETIC EXTRACTOR.</b>	
Union Talc Co.....	67	Kuttruff, Pickhardt & Co.....	57	Roland T. Oakes Co.....	65
<b>ALUM.</b>		Marden, Orth & Hastings Corp.....	58	<b>PAPER BAGS.</b>	
Pennsylvania Salt Mfg. Co.....	68	<b>CRANES AND TRAMWAYS.</b>		Schorsh & Co.....	62
Superior Chemical Co.....	2	Hugh K. Blethen.....	13	<b>PAPER BAG MACHINERY.</b>	
Winkler & Bro., Isaac.....	59	Shepard Electric Crane & Hoist Co.....	11	Lockport Machine Co.....	57
<b>ARCHITECTS AND ENGINEERS.</b>		<b>CUTTING DIES.</b>		Potdevin Machine Co.....	58
Ferguson, Hardy S.....	45	The Hoggson & Pettis Mfg. Co.....	2	<b>PAPER CUTTERS.</b>	
Hardy, George F.....	45	<b>DIAPHRAGM VIBRATORS.</b>		Hamblet Machine Co.....	37
Sadtler, F. B.....	45	Rogers Machinery & Sales Co.....	48	Oswego Machine Works.....	64
Smith, F. L.....	45	<b>ENGINES.</b>		Seybold Machine Co.....	29
Tomlines, Thomas L.....	45	Ball Engine Co.....	58	Smith & Winchester Mfg. Co.....	66
Vitale & Rothery.....	45	<b>ENVELOPE MACHINES.</b>		<b>PAPER DEALERS.</b>	
Joseph H. Wallace & Co.....	45	F. L. Schmidt Co.....	2	Dillon & Barnes.....	53
<b>ASBESTINE PULP.</b>		<b>EVAPORATORS.</b>		C. L. LaBoiteaux Co.....	63
International Pulp Co.....	1	Swenson Evaporator Co.....	4	Mid-West Paper Co.....	49
<b>BAGGING.</b>		Zaremba Co.....	64	O'Meara Co., Maurice.....	19
Imperial Bagging Co.....	62	<b>FELTS.</b>		Paper Manufacturers Co.....	67
<b>BALL BEARINGS.</b>		Appleton Woolen Mills.....	6	Pulp & Paper Trading Co.....	1
S K F Ball Bearing Co.....	67	Caldwell Co., Inc., R. J.....	65	Scamm Paper Co.....	1
<b>BELTING.</b>		Draper Bros. Co.....	37	Strype, Fred. C.....	43
Graton & Knight Mfg. Co.....	59	F. C. Huyck & Sons.....	25	<b>PAPER DRYING REGULATORS.</b>	
New York Belting & Packing Co.....	27	Orr Felt & Blanket Co., The.....	33	W. F. Pickles.....	39
Voorhees Rubber Mfg. Co.....	33	Shuler & Benningtonhofen.....	62	<b>PAPER EXPORTERS.</b>	
<b>BLEACHING POWDER.</b>		Waterbury Felt Co.....	6	Capens' Sons, Inc., A. M.....	53
Arnold Hoffman & Co., Inc.....	55	H. Waterbury & Sons Co.....	35	Hudson Trading Co.....	2
Bush, Beach & Gent, Inc.....	60	<b>FILTERING SYSTEMS.</b>		Parsons Trading Co.....	1
J. L. & D. S. Riker.....	67	Hungerford & Terry, Inc.....	65	Zuhlke, Paul C.....	45
<b>CALENDER ROLLS.</b>		New York Continental Jewell Filtration Co.....	5	<b>PAPER FILLERS.</b>	
Farrel Foundry Machine Co.....	61	Norwood Engineering Co.....	62	United States Talc Co.....	53
Lobdell Car Wheel Co.....	37	<b>FILTER PLATES AND SCREENS</b>		C. W. Williams & Co.....	68
Textile Finishing Machinery Co.....	3	(PER'D METAL).		<b>PAPER AND PULP MACHINERY.</b>	
<b>CARBON TOOLS.</b>		Harrington & King Perforating Co.....	31	Appleton Machine Co.....	67
Thos. L. Dickinson.....	57	<b>FOURDRINIER WIRES.</b>		Baker Manufacturing Co.....	41
<b>CASTING BRONZE.</b>		Appleton Wire Works.....	68	Black-Clawson Co.....	29
Wm. A. Hardy & Sons.....	39	Wm. Cabbie Excelsior Wire Mfg. Co.....	68	Clafin Engineering Co.....	31
<b>CHEMICAL EXPERTS.</b>		Cheney Bigelow Wire Works.....	13	H. C. Clark & Son Machine Co.....	49
Arthur D. Little, Inc.....	45	Eastwood Wire Mfg. Co.....	68	Dayton Beater & Hoist Co.....	63
<b>CHINA CLAY.</b>		Thomas E. Gleason.....	62	F. H. Davis.....	46
Miner-Edgar Co.....	39	Lindsay Wire Weaving Co.....	6	Dillon Machine Co.....	65
Star Clay Co.....	68	Tyler Co., W. S.....	45	Dilts Machine Works.....	11
<b>COATING MACHINES.</b>		<b>FRICION CLUTCHES.</b>		Downingtown Mfg. Co.....	66
Mayer Coating Machine Co.....	64	Caldwell Co., W. E.....	56	Emerson Mfg. Co.....	61
<b>COLORS AND DYESTUFFS.</b>		<b>GUMMED PAPER.</b>		Glens Falls Machine Co.....	1
F. Bredt & Co.....	1	Nashua Gummed & Coated Paper Co.....	59	Improved Paper Machinery Co.....	19
Butcher Co., L. H.....	60	<b>KNIVES.</b>		Mills Machine Co.....	46
		Eagle Knife & Bar Works.....	39	Noble & Wood Machine Co.....	41
				Norwood Engineering Co.....	62

## Can You Possibly Save More Coal?

Over \$30,000,000 worth of coal saved by Swensons in one year.

ASSUMING that 90% of the total Swenson Evaporator Capacity is operated with exhaust steam our machines are condensing approximately 125,000 horsepower of exhaust per day—an economy over open pans of about 9,000,000 tons of coal in one year, or figuring steam coal at \$3.50 per ton, this is a saving of over \$30,000,000 worth of coal in one year.

Is exhaust steam doing your evaporating?

Can you advantageously employ another vacuum effect?

If there is a possibility perhaps we can furnish you with special information that may lead to many dollars more profits for your plant and a big boost to the movement to save more coal.

# SWENSON EVAPORATOR CO.

945 Monadnock Blk.

CHICAGO



# BUYER'S GUIDE : Classified Index to Advertisements

All advertisers are entitled to one insertion under proper heading. Extra insertions, \$5.00 per annum. Extra Headings, \$10.00.

	Page.		Page.		Page.
Shartle Brothers Machine Co.....	46,	<b>PERFORATED METALS.</b>		<b>SULPHITE, BLEACHED &amp; UNBLEACHED.</b>	
Smith & Winchester Mfg. Co.....	49	Harrington & King Perforating Co.....	31	Parsons Pulp & Lumber Co.....	3
Union Iron Works.....	66	<b>PULP PROCESS.</b>		<b>SULPHITE FIBRE.</b>	
Voith Co., J. M.....	36	Castle, Gotthell & Overton.....	56	Brown Co.....	41
<b>PAPER MAKERS' SUPPLIES.</b>		<b>PULP STONES.</b>		<b>SULPHUR.</b>	
Morey & Co.....	1	Lombard & Co.....	58	Union Sulphur Co.....	62
Scandinavian-American Trading Co.....	6	<b>PUMPS.</b>		<b>TANKS.</b>	
<b>PAPER MANUFACTURERS.</b>		Goulds Mfg. Co.....	21	Caldwell Co., W. E.....	43
American Coating Mills.....	6	Shartle Brothers Machine Co.....	46, 49	New England Tank & Tower Co.....	63
Brown Co.....	3	<b>ROLL BARS AND BED PLATES.</b>		A. T. Stearns Lumber Co.....	67
Collins Mfg. Co.....	59	Shartle Brothers Machine Co.....	46, 49	<b>TIERING MACHINES.</b>	
Diamond State Fibre Co.....	2	<b>ROPE PAPER MAKERS' MATERIALS.</b>		Economy Engineering Co.....	57
Eastern Mfg. Co.....	13	Scandinavian-American Trading Co.....	6	New York Revolving Portable Elevator Co.....	62
Flower City Tissue Mills Co.....	61	<b>ROSIN SIZE.</b>		<b>TIMBER ESTIMATES.</b>	
Franklin Paper Co.....	67	Arabol Mfg. Co.....	67	Lauderburn, D. E.....	45
Hammermill Paper Co.....	36	Vera Chemical Co.....	65	James W. Sewall.....	45
Howard Paper Co.....	33	<b>ROTARY BLEACHERS.</b>		<b>TOILET PAPER.</b>	
Missisquoi Pulp & Paper Co.....	3	Biggs Boiler Works Company.....	63	Pickquick.....	47
Odell Mfg. Co.....	3	<b>RUBBER GOODS.</b>		<b>TRANSMISSION MACHINERY.</b>	
Stratford Paper Co.....	11	Goodrich Rubber Co., B. F.....	25	H. W. Caldwell & Son Co.....	60
Taggart Paper Co.....	60	<b>RUB-STEEL VALVES.</b>		<b>TRUCKS.</b>	
<b>PAPER STOCK.</b>		Voorhees Rubber Mfg. Co.....	33	Stuebing Truck Co.....	43
Atterbury & McKelvey, Inc.....	62	<b>SCREENS.</b>		<b>VARIABLE SPEED TRANSMISSION.</b>	
Atterbury Bros.....	53	Bird Machine Co.....	17	Reeves Pulley Company.....	57
Edwin Butterworth & Co.....	35	Harmon Machine Co.....	67	<b>WALL BOARD CUTTERS.</b>	
Cantassano & Bro., Vito G.....	1	<b>SCREEN PLATES.</b>		Knowlton Co., M. D.....	64
Castle, Gotthell & Overton.....	53	Wm. A. Hardy & Sons Co.....	39	<b>WATERPROOF PAPERS.</b>	
Cookson Bros.....	62	Union Screen Plate Co.....	11	National Waterproofing Co.....	37
Federal Paper Stock Co.....	64	<b>SECOND HAND PAPER MILL MA- CHINERY.</b>		<b>WATER WHEELS.</b>	
Gumbinsky Bros. Co.....	68	Shartle Brothers Machine Co.....	46, 49	James Leffel & Co.....	66
Hofeller & Co., Theodore.....	53	<b>SIZING.</b>		<b>WOOD DISHES.</b>	
Keller Co., Inc., E. J.....	53	Corn Products Refining Co.....	43	Oval Wood Dish Co.....	60
Lenhart, J. I.....	1	<b>SKYLIGHTS.</b>		<b>WOOD PIPES.</b>	
Maier, Marx.....	53	E. Van Noorden Co.....	5	Wyckoff & Son Co., A.....	61
Main Paper Stock Co.....	53	<b>SLITTERS AND REWINDERS.</b>		<b>WOOD PREPARING MACHINERY.</b>	
Mendelson Bros. Paper Stock Co.....	48	Cameron Machine Co.....	65	Scandinavian-American Trading Co.....	6
O'Meara Co., Maurice.....	19	Dietz Machine Works.....	56	<b>WOOD PULP IMPORTERS.</b>	
Pioneer Paper Stock Co.....	63	Samuel M. Langston.....	60	Waterville Iron Works.....	2
Salomon, Inc., A.....	58	Meisel Press & Mfg. Co.....	62	<b>WOOD PULP.</b>	
Salomon Bros. & Co.....	53	<b>SPEED INDICATOR.</b>		Andersen & Co., J.....	6
Train Smith Company.....	1	N. P. Bowsher Co.....	53	Gottesman & Son, M.....	31
Western Paper Stock Co.....	63	<b>SULPHATE ("KRAFT" SODA) PULP.</b>		Interstate Pulp & Paper Co.....	5
<b>PAPER TESTERS.</b>		Scandinavian-American Trading Co.....	6	New York Oversea Co., Inc.....	63
The Ashcroft Mfg. Co.....	13	<b>GRAVITY AND PRESSURE FILTERS</b>		Pagel & Co., Inc., A. J.....	1 and 15
<b>PAPER TUBE MACHINERY.</b>		<b>WATER SOFTENING PLANTS</b>		Parsons & Whittemore, Inc.....	3
Dietz Machine Works.....	56	<b>The New York Continental Jewell Filtration Co.</b>		Price & Pierce, Ltd.....	1 and 23
Grisinger Machine Works.....	64	<b>15 Broad Street, New York</b>		Scandinavian-American Trading Co.....	6
<b>PARCHMENT AND WAXED PAPERS.</b>		<b>111 W. Monroe St., Chicago Inter-State Building, Kansas City</b>			
Kalamazoo Vegetable Parchment Co.....	57				

SPECIAL CLASSIFIED DIRECTORY, PAGE 49; "WANTS" AND "FOR SALE," PAGES 46 AND 47.

**THE PULP AND PAPER TRADING CO.**

Temple Court Building, Rooms 908 to 911, New York

AGENTS FOR

**J. & J. ROGERS CO.,** Ausable Forks, N. Y.

EASTERN AGENTS—

**MICHIGAN SULPHITE FIBRE CO.,** Port Huron, Mich.

**GRAVITY AND PRESSURE  
FILTERS**

**WATER SOFTENING PLANTS**

**The New York Continental Jewell Filtration Co.**

15 Broad Street, New York

111 W. Monroe St., Chicago Inter-State Building, Kansas City

**Van Noorden Skylights**

are as

To work by the Sun  
Means twice the work done.



**Indispensable**

To a modern Paper Mill as its important inner equipment "DAYLITE" means Nature's light without weather or condensation drip.

**E. VAN NOORDEN & CO.** 103 Magazine St. Boston, Mass.

**INTERSTATE PULP AND PAPER COMPANY**

Grand Central Terminal, New York

**WOOD PULP AND PAPER**

## J. ANDERSEN & CO.

FREDERICK BERTUCH, Special  
Successors to Frederick Bertuch & Co.

Rooms 908, 909, 910 Temple Court Building, New York.

Importers and Dealers in

## WOOD PULP and PAPER

Agents for

KELLNER-PARTINGTON PAPER PULP CO., Ltd.  
(Mills at Sarpsborg, Norway, Hallein, Austria) Manchester,  
England

VEREINIGTE STROHSTOFF FABRIKEN  
(United Straw Pulp Factories, Coswig, Saxony, Germany)

## THE WATERBURY FELT CO.



### FELTS and JACKETS

For Every Grade of Paper  
and Pulp

Correspondence and Orders Solicited

Manufactured at

SKANEATELES FALLS, NEW YORK



Manufacturers of

Coated Cardboard, Boxboard and Litho-  
graph Paper, including Lithograph Blanks,  
Postal Card Stock, Tough Check, Rail-  
road, Thick China, Transluents and  
Menu Board.

Our Boards and Papers lie flat, hang straight, and  
register because they are made right.

Orders for regular or special sizes are given prompt  
attention. Quality guaranteed.

TRY US AND SEE

EASTERN SALES OFFICE, 501 Fifth Avenue, NEW YORK CITY

## FOURDRINIER WIRES

Cylinder Moulds and Dandy Rolls made and Repaired  
Lettering and Monograms for Watermarks

## THOMAS E. GLEESON

INC  
Manufacturers of Wire Cloth of All Descriptions

411-413 JOHN STREET, EAST NEWARK, N.J.

SPECIALTY

THE FINEST WIRES  
FOR TISSUE AND FINE GRADE PAPERS

Telephone 1700 Broad 1701 Cable Address, "Lagerlöf New York"

## Scandinavian-American Trading Company

PRODUCE EXCHANGE BUILDING, NEW YORK

IMPORTERS AND EXPORTERS OF

FOREIGN AND DOMESTIC

## WOOD PULP

OF ALL KINDS

AND

PAPER MILL SUPPLIES

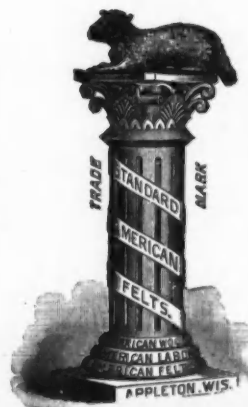
HANS LAGERLÖF, PRES.

# APPLETON Woolen Mills

APPLETON, WIS.

MANUFACTURERS OF

Paper  
Makers'  
Felts and  
Jackets



CORRESPONDENCE SOLICITED

MEMBER OF THE A. B. C.

# PAPER TRADE JOURNAL

THE INTERNATIONAL WEEKLY OF THE PAPER AND PULP INDUSTRY

## FORTY-SIXTH YEAR

PUBLISHED EVERY THURSDAY BY THE  
**LOCKWOOD TRADE JOURNAL COMPANY, INC.**

LESLIE R. PALMER, President

J. W. VAN GORDON, Vice-President

Telephones { 2380 }  
              { 2381 } Vanderbilt  
              { 2382 }

10 EAST 39TH ST., N. Y., U. S. A.

Cable Address: Catchow, New York

Western Publication Office—431 S. Dearborn Street, Chicago  
New England Office—Room 46, 127 Federal Street, Boston

Western New England News Office—A. W. Anden, Holyoke  
London Office—Stonhill & Gillis, 58 Shoe Lane

*The PAPER TRADE JOURNAL is the pioneer publication in its field, and has for many years been the recognized Organ of the Paper and Pulp Industry. Its circulation is greater than the combined circulations of all other publications in the field. Entered at New York Post office as second-class mail matter.*

### Terms of Subscription

UNITED STATES AND MEXICO . . . Per Year, \$4; 6 months, \$2; 3 months, \$1  
CANADA AND FOREIGN COUNTRIES IN POSTAL UNION . . . Per year, \$6  
SINGLE COPIES . . . . . 10 cents

### Other Publications of Lockwood Trade Journal Company, Inc.

AMERICAN STATIONER AND OFFICE OUTFITTER (Weekly) - Per year, \$2  
LOCKWOOD'S DIRECTORY OF THE PAPER, }  
STATIONERY AND ALLIED TRADES (Annual) } . . . . . Per copy, \$5

Vol. LXVI. No. 4

NEW YORK AND CHICAGO

Thursday, January 24, 1918.

## Table of Contents

### News of the Trade:

	PAGE.
Garfield Fuel Order Closes Mills.....	8
Jobbers and Selling Agencies in New York Close on Monday.....	8
Opinion on Fuel Order.....	8
Fix \$2.85 for News Print from February 1 in Canada.....	10
Price Can Be Feasibly Retroactive.....	10
Publishers Getting Paper at Less Price.....	10
Paper Makers fight for Prohibition.....	10
Do Not Take Embargo Suggestion Seriously.....	10
Arthur Folger Honored.....	10
A Successful Paper Saving Scheme.....	10
Annual Bids Are Opened on Paper for Public Printer.....	12
No Second Opening Probable.....	12
Government Bids and Awards.....	12
Mr. Barrett to Go to Buenos Aires.....	12
News Print Control Bill May Be Introduced Again.....	14
Senator Fernald Speaks Against Bill.....	14
Senator Hitchcock Gives Opinion.....	14
Senator Smoot Answers Some Questions.....	14
Watertown Mills Observe Fuel Administration Order.....	16
George C. Sherman to Allow Full Pay.....	16
Loss in Watertown District Given as 400 tons daily.....	16
Former President Hastings Says Order Is Too Lenient..	18
May Not Lose Much Business.....	18
McClellan Paper Co. Sales Staff Dines.....	18
U. S. Fuel Order Is Favored by Holyoke Paper Makers	18
Manufacturers Have Mass Meeting.....	18
Mr. Crocker Heartily in Favor of Order.....	18
Better Car Provisions Now Being Made for Canada.....	20
Canadian Price of News Print.....	20
Quebec's Great Power Development.....	20
Half Pay for Idle Time in Fox River Valley.....	22
Buying Wire Cloth for Japan.....	22
Few Changes in Paper Mill Directorates.....	22
Elected President of Ashland Paper Co.....	22
Paper Mill Men as Bank Officers.....	22
General Trade Notes.....	22

	PAGE.
Canada's Exports of Paper Show Big Decline for Oct... 24	24
U. S. Paper Goods Company Increases Capital..... 24	24
Trade News of Western New York..... 26	26
Paper in Chile..... 26	26
Brainerd Paper Mill May Be Enlarged..... 26	26
New York Jottings..... 28	28
Final Programme for Convention of A. P. & P. A..... 28	28
Redwood Bark Used for Making Paper..... 28	28
Mills in the Miami Valley Strictly Obey Fuel Order..... 30	30
Would Interfere With Government Orders..... 30	30
Strike Situation in Hamilton..... 30	30
Mr. Thomson Presents Interesting Pictures..... 30	30
Recent Incorporations..... 32	32
Miami Trade Notes..... 32	32
New Paper House for Kansas City..... 32	32
To Form New Dye Trade Association..... 35	35
November Production and Shipments of News Print.... 38	38
Exports of Paper and Manufactures..... 42	42
Imports of Paper and Manufactures..... 44	44
Briggs Selling Company Opens in Pittsburgh..... 48	48
Peerless Paper Products to Build..... 50	50
Imports and Exports of Paper and Paper Stock..... 52	52

### Editorial:

The Fuel Order.....	34
Our Foreign Trade.....	34
Patriotic Action.....	35

### Obituary:

Edwin S. Armstrong.....	26
-------------------------	----

### Market Review:

New York Market.....	50
Market Quotations.....	51
Miscellaneous Markets.....	53

WANTS AND FOR SALE ADVERTISEMENTS—46, 47 and 48



## GARFIELD'S FUEL ORDER CLOSES DOWN MILLS

Fuel Administrator in Famous Fuel Order Stops Paper Industry—Belated Exemption Orders for News Print Mills Came Upon Protests by Publishers—Order Was Great Surprise to Trade—Requests Loyally Obeyed—American Paper and Pulp Association Had Previously Urged Two Week Industrial Moratorium As Curtailing Production One Day Per Week It Was Stated Was Insufficient Measure Of Relief

The order of Dr. Harry A. Garfield, head of the United States Fuel Administration, for a suspension of all industrial activity except work on war materials, unprecedented as it was in the annals of American industry, found loyal support in the paper trade from all branches.

In New York over "fuelless" Monday the order of closing was kept by almost all of the various paper jobbing houses and distributing agencies. Those who decided to keep open were decidedly in the minority and patriotically carried on whatever business could be done under the circumstances without light or heat.

### Order Came as Surprise

The fuel administration order came upon the paper trade, as it did upon every trade, as a striking surprise, and for at least two days there was a great deal of haziness as to just what was meant by the order. But as an official explanation came from Washington, and it became clear as to what was required, the order was obeyed as a possible means toward the clearing up of the intolerable conditions which have hampered industry. Many disagreed with Mr. Garfield, however, as to the plan he adopted.

### Jobber Expresses Views

One local jobber, in speaking of the situation, said: "This order finds us very much up in the air. For my part I support the President and his officials in this move, and from what I know of conditions in the paper trade the trade will do likewise. But doing business without light and while half frozen is not conducive to either good nature or mental operations, and we are therefore not trying to do anything except follow the lines laid out for us by the Government with caution. In a short time I believe it will become clear as to where we are."

That was the attitude the trade took.

### Trade Associations Closed on Monday

Besides the various distributing agencies in the city closing their doors over the "heatless Monday," the various trade associations suspended operations and allowed their employees a holiday, although most of the secretaries of the associations were at their desks.

### Paper Mills Shut Down Operations

From local sources it was learned that in compliance with the original instructions issued by Dr. Garfield nearly every paper mill in the area covered had shut down its operations. On Saturday afternoon, however, additional instructions were received which permitted the operation of news print mills.

The mills of the Great Northern Paper Company and those of the International Paper Company were entirely shut down and resumed operations on Wednesday. These mills were included in the belated exemption orders of Dr. Garfield, but as the official of one of these concerns put it, "Of what use is exemption when the coal necessary to operations is not available." This will prove to be a highly serious factor in the news print market.

One of the concerns mentioned above will have to prorate its production.

### News Print Mills Finally Exempt

The De Grasse mill, the Tide Water mill, and that of the Pejepscot Paper Company did not shut down, but were specifically exempt, according to information available at the present time. The St. Croix mill shut down, but was later advised that it could resume

operations. Most of the smaller mills are in the situation outlined above for the two leading concerns in the news print fields. In addition to these mills, as has been already told in a previous issue of the PAPER TRADE JOURNAL, the mill of the International Paper Company at Niagara Falls, that of the Cliff Paper Company, and the wall paper plant of the Defiance Paper Company have been closed by Government order to save power.

The situation with regard to mills making other grades of paper was practically analogous to that given above. Either the mill was shut down because it was not exempt or was not operating because it had no coal.

### Will Have Stiffening Effect

The situation is being viewed in none too favorable a light. While not exactly on the ragged edge, the paper industry has been approaching that state for some time past. But a period of better prospects is in view, according to the information in the trade.

Before the action of Dr. Garfield was taken, the American Paper & Pulp Association meeting in New York passed the following resolutions:

### Resolutions Passed by A. P. & P. A.

WHEREAS, A condition exists upon the railroads of the United States which jeopardizes the welfare of our country, and if not immediately relieved will have a serious bearing upon the nation's effectiveness in winning the war; and

WHEREAS, Great exigencies require drastic, effective and immediate remedies;

*Resolved*, That an industrial moratorium of at least two weeks should be declared, and that during such moratorium all and every industrial plant in the country of whatever nature be absolutely prohibited from manufacturing and from delivering freight to any railroad; and further be it

*Resolved*, That no inadequate palliative measures, such as the curtailing of production one day a week, will effect any immediate relief,

*Resolved*, That the Executive Council of the American Paper and Pulp Association is in full sympathy with such effective remedy as above suggested, if applied to all the industries of the country without discrimination.

*Resolved*, That a copy of the above resolution be forwarded to the President of the United States, the Director General of Railroads, and the Fuel Administrator at Washington, D. C.

These resolutions, being voted upon before the actual order of the Fuel Administration was issued, show that the paper industry was unselfish in its viewpoint, and with the clearing of the crisis in mind enacted the above.

### Some Question Wisdom of Plan

However, there were many voices raised in the trade, not in disobedience of the order, but in questioning the wisdom of the plan, and doubting whether the results expected would come about.

The order of Dr. Garfield will of course act as a material stiffener to the paper market, as it reduces production by that much.

In news print the outlook for the next months is that because of the fuel situation the production of the mills will be largely curtailed.

The actual time lost by the mills will amount to 12½ days rather than 14 days, as the Saturday half-holiday and the regular closing of the mill on other times reduce the total.



### Correction in Fuel Order to Boxboard Men

The fuel administration has issued the following circular letter: Referring to the regulation restricting fuel consumption by manufacturers of box board, etc., the paragraph reading:

"No person, firm, association, or corporation shall hereafter use, consume or burn fuel of any description, including coal, coke, natural gas, fuel oil, or other petroleum products or use power derived from any such fuel, for or in connection with the manufacture of boxboard, paperboard, strawboard, pulpboard, binderboard, tagboard, or any other boards whatsoever, made from *white pulps, waste paper or rags of a thickness in excess of seven-thousandths of an inch*, from 7 o'clock in the morning of Saturday in each week until 7 o'clock in the morning of the following Monday."

should read in this way:

"No person, firm, association, or corporation shall hereafter use, consume, or burn fuel of any description, including coal, coke, natural gas, fuel oil, or other petroleum products or use power derived from any such fuel for or in connection with the manufacture of box board, paper board, straw board, pulp board, binder board, tag board, or any other boards whatsoever, made from *wood pulps, waste paper, bags, straw, jute, root and rope pulps, of a thickness in excess of seven-thousandths of an inch*, from 7 a'clock in the morning of Saturday in each week until 7 o'clock in the morning of the following Monday."

### Pejepscot Pulp Terminal at Belfast

BELFAST, Me., January 21, 1918.—The Pejepscot Pulp & Paper Company, one of Maine's largest industries, has completed its terminal at Belfast on what was once the location of the Dana Sarsaparilla Company's plant and the wharves of the Frenchboro Fisheries Company. This is the only complete terminal of the kind in the United States. It is used for receiving pulpwood from the Bay of Fundy. This wood was formerly received at Bath, where terminal facilities were outgrown. It is under the management of Capt. C. B. Swett, who has for years been manager of the Sagadahoc Towing Company. The company owns and operates five large mills in the town of Topsham, Me. The Maine office of the towing company has been changed from Bath to Belfast and is in charge of Capt. Swett.

Their staunch and powerful tug, the Pejepscot, handles eight barges in the tow from the Bay of Fundy, mostly from the Salmon river district in New Brunswick. The pulp wood brought from this section is in two-foot lengths of spruce and fir.

The company also plan to handle immense quantities of soft wood brought in from county and adjacent towns. This gives a fine market to an apparently worthless product of former years.

Since the plant was completed in October, they have handled about 7,000 cords of wood and will shortly ship on an average of ten cars a day to their mills, about 100 miles distant, on the tracks of the Belfast & Moosehead Lake and Maine Central R. R. This property was acquired early last year.

### Temporary Freight Embargo in East

WASHINGTON, January 23, 1918.—A temporary embargo on all freight except food, fuel and war supplies, was ordered by Director-General McAdoo today on the Pennsylvania lines east of Pittsburgh, the Baltimore & Ohio east of the Ohio River, and the Philadelphia & Reading Railroad.

A statement issued by the Director-General said the primary purpose of the order was to correct conditions in New England and New York Harbor caused by cold weather, which has interfered with train movements across the Allegheny Mountains.

"This embargo is a temporary one," said Mr. McAdoo, "it should last only a few days if the weather moderates."

Mr. McAdoo's action followed insistent demands for it by the

Fuel Administration. It was declared to be vital if material and lasting results in breaking the Eastern freight jam were to be accomplished. Mr. McAdoo took the step because he agreed that it was "absolutely necessary."

### To Establish Pulp Mills in North Carolina

ELIZABETH CITY, N. C., January 21, 1918.—The Dare Lumber Company, a New York concern, has bought up pretty much all of the timber lands in Dare County, the eastern shore of North Carolina, and proposes to cut it down for pulp wood. It is estimated that company has standing in Dare over 6,000,000 cords of wood. It is the present intention to establish pulp mills of very large capacity in this city, where the timber from Dare County will be barked and reduced to pulp wood. The timber will be brought here through Albemarle Sound and Pasquotank River by ships. It is said the mills will employ a very large force of hands. The pulp from the mills will all be sent to New York for manufacturing purposes.

### A. P. & P. A. Banquet to Be Dry

At a meeting of the Council of the American Paper and Pulp Association held in New York City last week it was decided, in view of the present conditions prevailing in this country and as a matter of patriotism in line with the general spirit of conservation, that no liquors of any kind be served at the annual banquet, to be held at the Waldorf-Astoria Hotel on the evening of February 7, 1918.

In view of the fact that this is a departure from the usual custom, the council thought best to advise the members, feeling that they would appreciate the motive prompting this decision.

### Paper Mill May Locate at Aberdeen

ABERDEEN, N. D., January 21, 1918.—The possible location in Aberdeen of a big paper mill is forecast in a request filed with the city council last night asking for rates upon furnishing 3,000,000 gallons of water daily to such a concern. The use of the present pumping station, which will go out of use this week when the Wishkah water project goes in operation, is suggested. The company for whom the data is asked is one of the large paper concerns of the Pacific coast and has several plants in operation. "A plentiful supply of cheap water" is declared a necessity.

### To Represent Atlantic Paper & Pulp Corp.

Announcement is made by the Atlantic Paper & Pulp Corporation of Savannah, Ga., of the appointment of Price & Pierce, Ltd., 30 East 42d street, New York, N. Y., as sole sales agents.

The Atlantic Paper Corporation manufactures a high grade of kraft pulp, and has a capacity of 60 tons daily.

Price & Pierce, Ltd., have a high standing in the paper and pulp trades, and their appointment as selling agents for the Savannah firm assures the latter of excellent representation.

### Southern Paper Company Withdraws Price Quotations

Price & Pierce, Ltd., 30 East 42nd street, New York, announce that until further notice all of the quotations for the products of the Southern Paper Company have been withdrawn. This action was taken, it was explained, because of the constantly increasing costs of all of the factors entering into the cost of manufacture, which makes the market highly uncertain.

### Nothing New in News Print Investigation

There is practically nothing doing at the Federal Trade Commission in connection with the news print investigation at this time. The officials of the Commission are merely marking time until February 4 on which date Attorney Wise for the news print manufacturers has promised to start his testimony on cost accounting, etc.

## FIX \$2.85 FOR NEWS PRINT FROM FEBRUARY 1 IN CANADA

This Price Is Established by the Interim Report Presented to the Government by Controller Pringle and Is to Be in Force for Three Months—Should It Be Found on Investigation of the Controller or the Federal Trade Commission That This Price Is an Excessive One Mr. Pringle Reserves the Right to Make a Retroactive Reduction—Fair Price Would Have Been \$2.60½, It Is Said.

[By Telegraph to the PAPER TRADE JOURNAL.]

OTTAWA, Ont., January 22, 1918.—By the interim report presented to the Government today by Controller Pringle the price of news print paper, 100 pounds in rolls, is increased from \$2.50 to \$2.85 for three months from February 1, till when the present rate will be in force.

Should it be found from the investigations of himself or the United States Federal Trade Commissioners that this price is an excessive one the controller reserves the right to make a retroactive reduction. The increase of 35 cents now ordered is not retroactive. The controller found that, from the evidence he had, a fair price would have been \$2.60½ from July 1 last, but instead of making a retroactive arrangement and ordering publishers to make up the difference of 10½ cents per hundred since that time he has fixed the price as above on the grounds that it will be proportionate for the loss the manufacturers have sustained since last July.

### Price Can Be Feasibly Retroactive

In the report which he presented to the Minister of Finance recommending an increase in the price of news print, Commissioner Pringle said the price can be feasibly retroactive because of the difficulty of collecting from the small newspapers from the Atlantic to the Pacific the amounts that might be due by them. He explained that he extended the \$2.50 rate for two months from November 20 last because he was afraid that an injustice might be done to either side from too hasty an action. As to several of the points raised by the manufacturers at the inquiry that their cost had been over \$50 per ton, the commissioner said it was manifest that further evidence would be required on this. On the question of the value of the pulp wood on the stump, the commissioner said he had taken the position that it had a value, and where pulpwood had been purchased by the mill it has been taken at cost in arriving at the cost of news print. He said there was abundant evidence to support his decision to allow \$2 per cord on the stump. With the price fixed in the United States at \$60 a ton, if the price remained at \$50 per ton in Canada, the differential that would be required to be paid by the manufacturers short on Canadian tonnage to the manufacturers long on Canadian tonnage would run into very large figures.

### Publishers Getting Paper at Less Price

The newspapers of Canada would from March, 1917, to February, 1918, eleven months, have their paper at a price of at least ten dollars a ton less than the price the manufacturers could have obtained in the open market. The commissioner said the manufacturers had urged him to fix a maximum price of \$60, although the members of the Canadian Press Association had contended that the prices should remain as they are.

### Paper Men Claim Increasing Difficulties

"The manufacturers claim that they are met with increasing difficulties in the prosecution of their business," reports the commissioner, "and the evidence indicates in some instances that they are suffering from shortage of labor, water, fuel and shipping

facilities to an extent which may impair their production and increase the cost to them." The commissioner referred to the evidence offered by the manufacturers as to the increase in cost which had taken place in recent months, and he said he felt it incumbent upon him to fix a price that would keep up production until all involved questions had been disposed of. Commissioner Pringle said he had found no attempt on the part of consumers to curtail any use of paper, and he referred to the drastic step taken by France and England to prevent waste of paper. Canada had failed in this regard as yet.

He felt thoroughly convinced that the publishers of Canada desired the manufacturers of news print to get a fair profit. In referring to the price he has fixed until May, the commissioner said he may be doing an injustice to the manufacturers, but he had gone into the matter very seriously.

### Paper Makers Fight for Prohibition

A fierce municipal campaign which comes to a close on Monday, voting day in the city of Hull, across the river from Ottawa, has been fought out mainly on the prohibition issue. Both the big paper-mill owners there, J. R. Booth and E. B. Eddy, have taken a stand with the "drys," for being large employers of labor they are in a position to realize how much the efficiency of their employees is reduced by drinking. J. D. Taylor, superintendent of E. B. Eddy's mills, declared there was no issue but prohibition versus the liquor interests in the campaign, and he said his side were determined to fight the saloons to the last.

### Do Not Take Embargo Suggestion Seriously

The despatch from Washington to the local press the other day in which Senator Fernald is reported to have moved in the Senate that the United States place an embargo on the export of coal and cotton to Canada in retaliation for the embargo on pulp wood which this country has in force, is not taken seriously here. It is not believed such action would be taken. C. Jackson Booth, of the J. R. Booth Company, said the embargo had been on for several years, but it only concerned licensed lands. On the privately-owned lands pulp wood was cut and sent over, but on the lands licensed by the government for the cutting of the timber on it, he said, all wood taken off must be in the manufactured state before it is sent over the border. Both Mr. Booth and George H. Millen, of the E. B. Eddy Company, Limited, said the results would be serious if such action was taken. Both the big mills are none too well supplied with coal. They are just running along using what coal they have and praying that other cars will come in in time to maintain the supply.

### Arthur Folger Honored

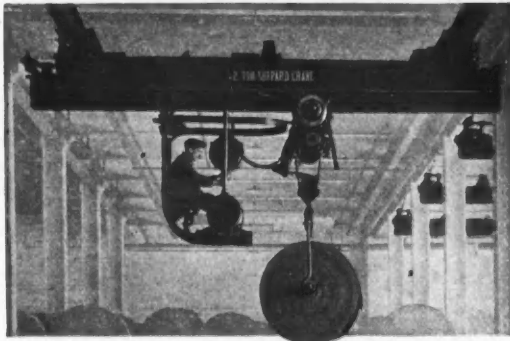
Arthur Folger, of the Barber-Ellis Paper Company, Toronto, was the guest of honor at a dinner in the Chateau Laurier the other night. Mr. Folger has been one of the most valued of the traveling staff of the firm and is shortly going overseas to fight the Hun. About 25 guests took the opportunity of bidding him "godspeed and a safe return."

### A Successful Paper Saving Scheme

One of the most successful patriotic efforts being made in Ottawa is the "paper scheme," which has been operated by the energetic ladies who are members of the Laurentian Chapter, Imperial Order Daughters of the Empire. Almost since the beginning of the war these ladies have been looking after the collection of waste paper in the city, which is then sold to the agencies who utilize it for new paper or some other product. All the proceeds from the sale of the paper go towards the purchase of comforts for the soldiers overseas.

During 1917 over five hundred tons of this waste paper was collected in Ottawa. The amount received for the sale of it was \$10,271, and after all expenses had been paid in connection with

(Continued on page 48.)



Underhung Transfer Crane Bridge with Form 25-2-Hoist



The Solution To The Labor Question  
is "One man and a Shepard"

Ask us to send our expert on handling to confer with you.  
No obligation of course.

Or Bulletin J.

**SHEPARD**  
ELECTRIC CRANE & HOIST CO.  
NEW YORK    PHILADELPHIA    PITTSBURGH  
MONTGOMERY    HONOLULU    CHICAGO  
SAN FRANCISCO    LOS ANGELES    ST. LOUIS

# STRATFORD PAPER CO.

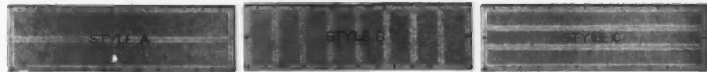
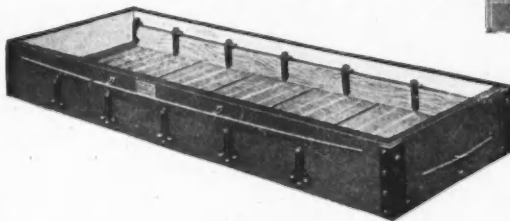
MANUFACTURERS OF

:: :: JERSEY CITY, N. J. :: ::

Fourdrinier Tissues, White and Colored, G. B. Silver, Manifold, Celluloid and Specialties

# UNION SCREEN PLATE COMPANY

FITCHBURG, MASS., U. S. A.  
LENNOXVILLE, P. O. CANADA



UNION BRONZE SCREEN PLATES ROLLED BRASS  
(Best phosphorized Cast Metal) (Union Quality)  
Old Plates RECLOSED and RECUT to accurate gauge.

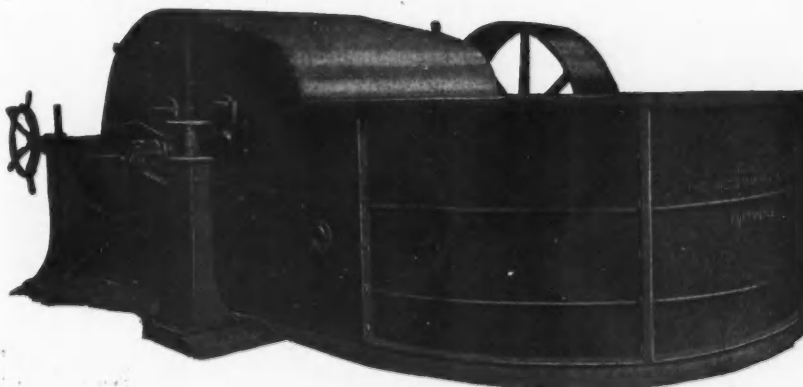
UNION BRONZE SCREWS for Screen Plates UNION BRONZE SUCTION BOX PLATES

Immediate Delivery of the Largest Orders. Satisfaction Guaranteed.

The WITHAM SCREEN PLATE FASTENER, Patented  
THE ORIGINAL THE BEST

Over One Thousand in Successful Operation

Recommended by Screen Makers



# Dilts Machine Works

INCORPORATED

Fulton, N. Y., U. S. A.

## PAPER MILL MACHINERY MACHINE KNIVES

We have been making a Specialty  
of BEATING and WASHING En-  
gines for many years.

Our Knife Department for the past  
Fifty years has been making a Spe-  
cialty of Quality MACHINE  
KNIVES for Paper and Pulp Mills.

Specialization makes for excellence.  
We solicit your inquiries.



## ANNUAL BIDS ARE OPENED ON PAPER FOR PUBLIC PRINTER

**The Joint Congressional Committee on Printing Will Meet Again Monday, January 28, When Contracts Will Be Awarded—Senator Fletcher, Chairman of the Committee After the Opening Stated That He Did Not Believe the Committee Would Ask for a Second Opening As Was the Case Last Year—He Believes Some Contracts Would Be Let Immediately and the Remaining Paper Purchased as Needed.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., January 21, 1918.—Bids were opened by the Joint Committee on Printing this morning for the supplies of paper for the Government Printing Office for the ensuing year. Only a very few of the bidders were represented, probably not more than 10 in all, among those present being Capt. Daily, of the R. P. Andrews Paper Company; L. P. Boswell, of the Aetna Paper Company; A. H. Dwight, of the Hawthorne Paper Company; B. F. Bond, of the B. F. Bond Paper Company; Fred Sauders, for the Baltimore Paper Company; Cornelius Ford, Public Printer; Mr. Moores, purchasing officer of the Government Printing Office; Mr. Carter, of the Bureau of Standards.

The members of the committee present, included Senator Fletcher, chairman; Senators Smoot and Smith, and Representatives Barnhart and Kiess. The bids were opened and scheduled with the several qualifications noted thereon. The committee will meet on Monday, January 28, to award the contracts.

### No Second Opening Probable

Following the opening, Senator Fletcher, chairman of the Joint Committee on Printing, said that he did not believe that the committee would ask for a second opening. He expressed the belief that the committee would award some contracts on this opening today, and that the remainder of the paper needed would probably be purchased on the open market as at present.

At the opening today the Public Printer announced that some of the paper being furnished by the Champion Coated Paper Company for the *Congressional Record*, on open market purchases, was not up to specifications. He was instructed by the committee to use such of the paper as might be needed for emergency purposes and reject the remainder.

### Full Tabular Information in Supplement

In the tabulated report of the bids which is issued as a supplement of this week's issue of the *PAPER TRADE JOURNAL*, quantities are given in pounds unless other wise stated.

The Joint Committee on Printing will meet again Monday, January 28, at which time the awards will be made.

Full tabular information regarding bidders, quantities and prices will be found in the supplement, which is made a part of this number, and which will be found folded within the pages of this issue.

(Continued in Supplement.)

### Government Bids and Awards

WASHINGTON, D. C., January 21, 1918.—The following awards have been announced by the Government Printing Office:

The Smith-Dixon Company will furnish 228,000 pounds (3,000 reams) of No. 1 white M. F. printing paper, 38 x 48 ins., 76 lbs., at \$.0524 per pound. The same firm will also furnish 36,500 pounds (500 reams)\* of 32 x 48 ins., 73 lbs., white S. & S. C. printing paper at \$.0549 per pound. The Maurice O'Meara Company will furnish 5,000 pounds (5,000 sheets) of No. 50, 26 x 38 ins., lined

strawboard, at \$72.50. Bids for all of these items were opened on January 14.

The Megargee-Hare Paper Company will furnish 1,440 pounds (20 reams) of No. 40, 21 x 32 ins., light pink wove writing paper, at \$.17½ per pound, and the same firm will also furnish 22,400 pounds (200 reams) of 26 x 28 ins., 112 lbs., high finish jute manila paper, at \$.10 per pound. Bids for both of these items were opened on January 4.

Bids will be opened for the following on January 28: 150,000 pounds of 22½ x 28½-in., No. 16 white wove M. F. tablet writing; 500,000 pounds of white M. F. in 38-in. rolls, basis 25 x 38 ins., 40 lbs.

Bids were opened last week at the Government Printing Office for paper as follows:

22,400 pounds (350 reams) of smooth wove cover paper as follows: 15,000 pounds (300 reams) of 20 x 25-in., 50-lb., granite; and 7,400 pounds (50 reams) of 33 x 46-in., 148-lb., tea cover; Mathers-Lamm Paper Company, at \$.0945 per pound; Maurice O'Meara Company, at \$.08½; American Writing Paper Company, at \$.08½; R. P. Andrews Paper Company, at \$.0815; Strathmore Paper Company, at \$.11½; and Knowlton Brothers, at \$.079.

10,000 pounds (200 reams) of 20 x 25-in., 50-lb., rough sage wove cover paper; Mathers-Lamm Paper Company, at \$.0945; R. P. Andrews Paper Company, at \$.08; Knowlton Brothers, at \$.084; American Writing Paper Company, at \$.08½; Maurice O'Meara Company, at \$.09½; and Strathmore Paper Company, at \$.11½.

Bids for the following items will be opened on January 28: 120,000 pounds of 22½ x 28½-in., 120-lb., white bristol board No. 1; 5,100 pounds of 21 x 31-in., 102-lb., blue bristol board; 8,000 pounds of 22½ x 28½-in., 200-lb., manila cardboard; 3,000 pounds of 17 x 28-in., No. 8 yellow writing paper; 2,000 pounds of lining paper for headband in 24-in. rolls; 13,000 pounds of 24 x 38-in., 65-lb., kraft wrapping paper.

The following awards have been announced for bids opened December 14:

100,000 pounds of 24 x 38-in., 50-lb., wood manila paper will be furnished by the Megargee-Hare Paper Company, at \$.0433 1/3 per pound. The Geo. W. Millar & Co. will furnish the following at \$.11½ per pound; 8,000 pounds of 30 x 46-in., 80-lb., rope manila paper; 5,000 pounds of 33 x 33-in., 100-lb., same; and 9,500 pounds of 27 x 38-in., 95-lb., same. The Megargee-Hare Paper Company will furnish 40,800 pounds (300 reams) of 26 x 34-in., 136-lb., high finish jute manila paper, at \$.09¾.

The following awards have been made on paper opened December 14:

R. P. Andrews Paper Company will furnish 5,250 pounds (15,000 sheets) of 22½ x 28½-in., 175-lb., white index bristol board, at \$.139 per pound; and the Carter, Rice & Co. will furnish 14,280 pounds (70,000 sheets) of 21 x 31-in., 102-lb., green and yellow bristol board, at \$.05¾ per pound.

### Mr. Barrett to Go to Buenos Aires

The paper industry will be interested to know that Robert S. Barrett, who has just returned from investigating South America as a paper market is about to be appointed Commercial Attache at Buenos Aires, Argentina, by the Bureau of Foreign & Domestic Commerce, and representative of the War Trade Board. This is especially interesting in view of Mr. Barrett's knowledge of the paper trade.

Mr. Barrett, who is to talk at the convention in New York at the annual meeting on his work in South America, was the publisher of the *Alexandria (Va.) Gazette*, and president of the Virginia Press Association. He has had about 20 years experience in the paper, stationery and allied trades, 12 of which were spent in South America.



























# EASTERN MFG. CO.

Manufacturers of

## WRITINGS—BONDS—LEDGERS

### Linen Finish Papers a Specialty

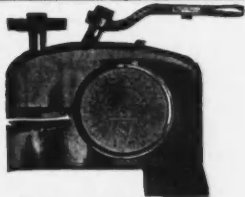
MILLS

Bangor, Maine

Lincoln, Maine

Eastern Office—Astor Trust Bldg., 501 Fifth Ave.  
NEW YORK CITY

Western Office—1223 Conway Bldg.,  
CHICAGO, ILL.



**The Ashcroft  
Paper Tester**



**The Ashcroft  
Thickness Gauge**

Actual necessities for all those who make, sell or purchase paper in any form. The thousands in daily use testify to their efficiency.

**THE ASHCROFT MFG. CO.**

119 West 49th Street New York  
29 North Jefferson Street Chicago, Ill.  
141 Milk Street Boston, Mass.  
Canadian Sales Agents: The Canadian Fairbanks Morse Co., 84-98 So. Antoine St., Montreal, Quebec.

## HUGH R. BLETHEN

21 Park Row, NEW YORK, N. Y.



FOR PAPER AND PULP MILLS  
**TRAVELING CRANES  
OVERHEAD TRAMWAY SYSTEMS  
TROLLEYS and CHAIN HOISTS**

**Air Compressors—Air Hoists  
Electric Hoists**

ESTABLISHED 1842

## FOURDRINIER WIRES

DANDY ROLLS  
CYLINDER  
MOLDS

# CHENEY BIGELOW WIRE WORKS

Springfield, Mass.

MANUFACTURERS

Brass, Copper and Wire Cloth,  
Bank and Office Railings and Grille Work

## NEWS PRINT CONTROL BILL MAY BE INTRODUCED AGAIN

**Publishers, it Is Reported, Have Not Yet Given Up Hope of Getting the Bill Through—Will Try to Get the Measure Through the House of Representatives and into the Senate Again—Chances of Success for the Passing of the Bill in This Manner Not Specially Bright As it Would Have to Be Vitaly Changed in Order to Have it Pass the Senate—Interesting Debate on the Bill.**

[FROM OUR REGULAR CORRESPONDENT.]

WASHINGTON, D. C., January 21, 1918.—In connection with the unlooked for defeat last week of the Smith resolution in the Senate as already reported in the PAPER TRADE JOURNAL, it may interest the trade to know that the publishers have not yet given up hope of getting the bill through. They are now going to try and get the measure through the House of Representatives and then into the Senate again. The history of legislation, shows, however, that the chances of such a move are very poor, because unless the resolution is vitaly changed it would have no chance, once having been turned down by the Senate.

### Senator Fernald Speaks Against Bill

The trade may be interested in some of the remarks made on the floor of the Senate during the closing hours of the debate last week. Senator Fernald, who delivered quite a long address against the measure said in part:

It is asserted by those who favor the passage of this bill that the paper manufacturers have been extortionate in their price and unfair in their dealings. I deny the charge. These men engaged in the paper industry in this country are honest and reputable business men. First, let me comment upon this alleged extortion in price; I wish to be very careful in any statements I may make, and to assure the members of the Senate that I can amply prove every assertion which I make. The average price of news print paper, up to and including the year 1913, for a considerable period was about \$2.15 per hundredweight, delivered at destination, and on that basis the great paper mills of the country were able to pay only 2 per cent. annually on the preferred stock, which had back of it at least double its worth in sound value of invested capital. These prices prevailing in 1913 drove several mills into bankruptcy and the industry in this country was in a deplorable condition.

The movement across the border into Canada was begun at that time and has continued ever since. The average price of news print paper in 1917 was \$3.10 a hundredweight, at the mill, an increase of about 50 per cent. This advance, I submit, was less than that of almost any commodity produced in our country. I believe, considering the increased demand for paper, the high cost of labor and of everything entering into the manufacture, which have been advancing by leaps and bounds, as I have stated, this advance is not unreasonable. As compared to the advance of other articles it makes a most favorable showing, as shown by the following: Advance of paper, 50 per cent.; cotton, 250 per cent.; wool, 300 per cent., and if other commodities were to be considered I could go through the entire list and show greater advance in these than have existed at any time in the advance of paper; for instance, the price of corn, one of the chief products in my own State, has advanced in the past few years 266½ per cent. These figures demonstrate the fallacy of the charge made against paper.

By what token do the Federal Trade Commission—for I understand that from this source comes the demand for this legislation—select this industry and propose Government control for the paper business? From what business sources come the demand for this legislation? As I have stated, not a single publisher from

my State, knowing full well the condition of the paper business, has asked for the enactment of this resolution.

It is natural that every business should desire to purchase its supplies at the lowest possible price. If every purchaser of goods and every association desirous of buying at a low price should come to this Congress with resolution for relief and receive assistance, every business man and every association in the country would go into the resolving business. It is also asserted that the manufacturers of paper have attempted to limit the output. So has every far-seeing citizen of this country undertaken to limit this production.

### Senator Hitchcock Also Against Bill

Senator Hitchcock, who also opposed the passage of the measure, said in part:

A year ago, or possibly even six months ago, probably much might have been said in favor of some measure to bring relief to the newspaper world. That time has passed. To a large extent, if not to a full extent, a remedy has been found. The combination that then existed among certain manufacturers representing about 75 per cent. of the news print manufacture of the country has been broken, and to a considerable extent the processes of competition have resumed their operation. Under an agreement to which the Attorney General of the United States was a party, those manufacturers representing a commanding position in the world of news print manufacturers, the Federal Trade Commission is now engaged in fixing a price for news print in the United States, not only the price of rolled print for the large papers but of sheet paper for the small papers as well. Under this process the price of paper has already been materially reduced. Newspapers have found that they were not compelled to deal with the mills they were formerly tied to by the secret conspiracy which had been formed. The result is that a reduction of 10 per cent. and later a reduction of a larger per cent. in the price of paper to all classes of consumers has taken place.

So I say the occasion for this legislation has passed. At all times it has seemed to me to be questionable legislation. I have a strong faith in the Federal Trade Commission. I believe in the measure which created it, and I believe that the Federal Trade Commission is performing a useful function. It gathered information which was finally used to break up this combination. It has been the watchman which has succeeded in protecting the newspapers of the country as the result of a long struggle.

The Federal Trade Commission is now engaged under an amicable arrangement in fixing prices and in adjusting distribution. I think it would be a mistake, Mr. President, at this juncture to attempt by legislation to modify that situation.

### Senator Smoot Answers Some Questions

Senator Smoot, during the closing minutes of debate and answering some statements which had been made on the floor, said:

I think I ought to take only a few moments of the time of the Senate to again refer to the question that was brought up in reference to the newspapers having to pay 9 cents a pound for print paper. I think there were one or two such cases reported to the Federal Trade Commission, where they were charged 9 cents a pound away out in the western country, where a few pounds were purchased and taken from a roll of paper; in other words, it was shown that about once a month a little four-page pamphlet called a news paper, but which did not buy more than 20 pounds at a time for one issue, had been charged 9 cents a pound—not by the manufacturer of the paper, but by the distributor of the paper, who had paid the freight upon the paper, and the purchaser took but a part of a roll and was charged 9 cents a pound, that is cited here as a wicked sample of what has been generally charged to the papers of this country for news print paper.

Mr. President, in regard to the charge of a violation of the contract, I wish to say that the Federal Trade Commission was directed

(Continued on page 32.)



**QUALITY PULP!**

**EDDY'S**

**UNBLEACHED SULPHITE**

**Slow Cooked, Strong, and Clean!**

**Shipped Dry!**

**OUR SAMPLE will convince you!**

Value of Swedish Kronor during week ending  
January 22d. Normal rate of exchange: 1  
Krono = 25.80 cents.

Jan. 15th—33.50	cents—increased value	25.00%
" 16th—33.50	" " "	25.00%
" 17th—34.25	" " "	27.80%
" 18th—34.75	" " "	29.60%
" 19th—34.25	" " "	27.80%
" 21st—34.10	" " "	27.24%
" 22d—34.10	" " "	27.24%

**A. J. PAGEL & CO.**

Incorporated

61 Broadway : New York

Michigan Agent—CALE B. FORSYTHE, Kalamazoo

## WATERTOWN MILLS OBSERVE FUEL ADMINISTRATION ORDER

Although Order Came Like Lightning From Clear Sky, Paper Manufacturers Close Mills to Resume Operations Wednesday Morning—George C. Sherman Grants Men Full Pay—Bagley & Sewall Close in Maine—Order Finds Support As Giving the Railroads of the Country a Chance—Some Opinions Lean, However, to the View That Step Might Have Been Taken in a More Practical Way.

[FROM OUR REGULAR CORRESPONDENT.]

WATERTOWN, N. Y., January 21, 1918.—The paper manufacturing industry in this district rallied to the call of the fuel administration at Washington with patriotism unreserved. While the shut-down means thousands of dollars to the owners through the tremendous loss in production, and special financial loss to the employees, scarcely a grumble was heard as every wheel in the local plants stopped revolving and chilly air filtered through the great plants.

Many of the manufacturers could hardly believe the press notices at first, and many could not quite understand the scope of the order, but this did not deter them from closing. Some grinders are operating on water power only, but not a paper making machine started Friday morning, and none will start until Wednesday morning.

The drastic order is believed here to mean a decided shortage in paper of all varieties. Already mills were operating to full capacity to keep abreast of the market, and it will be impossible for them to make up the loss in production by speeding up. It is believed that the natural and direct result is sure to be a stiffening in prices. Quotations are being withdrawn from the jobbers who have been buying from hand to mouth, and now there is a big scramble to get orders filled. This condition prevails in all the local mills.

### G. C. Sherman Gives Men Full Pay

George C. Sherman, president of Taggart's Paper Company, the Hall Process Company and the Harmon Machine Company, loomed up as the big man of the hour in the trade in this section, and probably took a unique position among the concerns of the country. As far as is known he was the only owner who refused to allow his employees to share the financial loss the order involved. Thousands of paper makers throughout the section had to lose their wages, but Mr. Sherman promptly announced that not a one of his employees would lose a cent of wages, regardless of his connections with the various companies he owns here.

Others in this section have made every effort to keep as many men as possible busy at repairs and odd jobs, but none have agreed to pay the men in full whether they work or not.

When the order was first read here Mr. Sherman was one of the first interviewed. "I accept the press dispatches as accurately expressing the orders and will act accordingly," he said.

"We have at our mills a supply of coal sufficient to last until May. It has been our custom to put in a winter supply during the summer and we did not vary that practice last year.

"I construe the order to direct that we provide only that amount of heat in the plants as will be necessary for fire protection. We must be able to run our steam fire pumps as well as those operated by water power.

"No fuel is required to operate the ground wood mills. We shall shut down the paper machines but will operate the ground wood mills so far as we can operate without the use of fuel, and

will keep all men on the payroll. Undoubtedly we can find work cleaning up and making repairs."

Mr. Sherman is practically sole owner of the Harmon Machine Company which manufactures the Harmon screen, and he was asked about this plant which uses only water power.

"I have just one thought uppermost in my mind and that is to win this war. I shall shut down the Harmon Machine Company precisely as I do my paper mills, but during the five days I shall not permit my men to suffer the loss of a day's wages."

He did just what he said he would, and his offices were also closed in the Sherman Block on Monday, and will be on each of the following nine Mondays.

Mr. Sherman is not one of those who question the wisdom of the decision by Dr. Garfield. He recognizes that the order was probably issued more to relieve the railroad blockade by keeping industrial shipments off the roads than to conserve coal, and that the promulgators of the order are in possession of facts that are not publicly known which made the order imperative.

### In Accord with Order

The Remington Paper & Power Company, with offices in this city and mills at Norwood, Norfolk and Raymondville, and one of the largest news print companies in the country, closed down, throwing about 600 men out of regular employment with an estimated loss to them of about \$7,500. Some of the men were kept at work on repairs, etc.

President M. S. Wilder of the company expressed himself as in accord with the order. He said he did not think the act should be criticised until the facts in possession of Dr. Garfield were made public.

The St. Regis Paper Company, with large mills at Deferiet, Black River and Herrings, closed down with the exception of grinders. About 800 men are employed and the five days mean a loss in wages to them of approximately \$15,000.

### Bagley & Sewall Closed in Maine

The Bagley & Sewall paper machine manufacturing company of this city operates its plant entirely with water power, but it closed down in the main. It is not expected that much coal would be saved for low temperature in some parts of the plant would allow sprinkler system and pipes in other sections to freeze. About 400 men are employed, and their idleness involves a loss of from seven to ten thousand dollars to them. C. W. Valentine, vice-president of the company, said he considered the order a silly proposition.

A special order from Washington was received by Taggart Brothers Company, which permitted the plant to be kept open. Jacob F. Amos, an officer of the company, stated that about a third of the force was retained on the manufacture of flour sacks. The exemption of this plant is due to the fact that food containers are made there.

### Mr. Gould Strong in Favor of Order

The mills of G. H. P. Gould, of Lyons Falls, a large manufacturer, are all down. He expressed himself strongly in favor of the order.

"It is clearly a case of giving the railroads a chance," he said. "Scores of ships are lying in New York harbor and along the Atlantic seaboard waiting coal so that they can carry supplies to Europe for our troops now there, and I am certainly heartily in favor of any move that will help along the situation. The American people might as well wake up sooner or later to the fact that they have got to meet such situations as this in a willing spirit, and that the boys over seas must have first attention."

Mr. Gould said that the saving of coal in his mills would be 75 tons for the five days. "Car shortage, not coal shortage, is

(Continued on page 26.)



**BIRD**  
MACHINERY

## A Continuous Shower and Continuous Operation

Interrupted production is the curse of the ordinary flat screen but this trouble can be entirely eliminated by the installation of a

### **BIRD ROTARY SCREEN**

In this there is a continuous shower of water directed successively against every row of slots in the rotating screen. This insures perfectly clean openings, a condition that cannot be even approximated for any length of time in a flat screen.

To the paper manufacturer this self-cleaning feature of the Bird Rotary Screen means clean paper all the time, no time lost in washing up, and continuous output twenty-four hours a day, six days a week.

Our new catalog just off the press will be sent on request.

General Sales Representative

T. H. SAVERY, Jr., 1630 Republic Building, CHICAGO, ILL.

83-26

**BIRD MACHINE CO.**  
East Walpole, Mass.



## U. S. FUEL ORDER IS FAVORED BY HOLYOKE PAPER MAKERS

Although It Was at First Hoped That Protests Would Cause the Government to Reconsider, the Manufacturers Later Were Inclined to the Belief That the Order Did Not Go Far Enough—Mass Meeting Is Called at Which President Galliver of the American Writing Paper Co. Says the Only Thing to Do Is to Act Like Good Soldiers and Obey Orders—Will Not Lose Many Orders.

[FROM OUR REGULAR CORRESPONDENT.]

HOLYOKE, Mass., January 21, 1918.—The order of the Fuel Administrator to suspend all business activity came with the suddenness of a bolt of lightning, and was looked upon as a wallop between the eyes of the manufacturers. At first the manufacturers, in some instances, hoped that the protests predicting disastrous consequences would decide the Government to reconsider the order, but when it was learned that the order would not be revoked, everyone connected with the local paper industry resigned themselves to the new conditions. All opposition to the measure has dwindled; the manufacturers accepting the order with patriotic feeling, and admitting that something of this nature was entirely necessary. In fact the manufacturers claim the order is not drastic enough if anything.

### Manufacturers Have Mass Meeting

On Thursday afternoon 75 manufacturers gathered in the Chamber of Commerce rooms for a lengthy discussion of the new orders. After various questions and opinions, President Galliver, of the American Writing Paper Company, said the manufacturers were called upon to act like good soldiers and obey orders. He thought that such repairs as mills always make when holidays are in order could be made where no fuel was required for heating. He said he had gotten into communication with mills in Boston and elsewhere, and they all had decided to close whether they used water power or fuel. During the course of the meeting, Frank B. Towne, treasurer of the National Blank Book Company, said that the shut-down amounted to but 3½ days, as the five days included the Saturday half holiday and Sunday, and the total number of days lost, including all the Monday holidays, but 12½ days. He said that by running the mills on Saturday afternoon while the new orders were in effect, instead of closing down at noon Saturday, the entire time lost would amount to only 7½ days. Whether or not the manufacturers will make an effort to have the employees co-operate with them to the extent of continuing operations Saturday afternoon, is yet uncertain.

### Mr. Crocker Heartily in Favor of Order

Not until after the closing orders were received was it learned that on Wednesday afternoon of last week a meeting of twenty of the largest manufacturers in the East had been held in New York City, at which it was unanimously voted to close down, if necessary, the mills represented by these manufacturers for a period of two weeks. The manufacturers at this meeting included some of Holyoke's largest paper manufacturers. Clifton A. Crocker, president of the Crocker-McElwain Company, and president of the Chemical Paper Manufacturing Company, who attended this meeting, said that he was heartily in favor of the order of the United States Fuel Administrator. "If anything," he said, "they did not make it drastic enough."

In a statement given out by Mr. Crocker, following his return from the meeting, he says: "It isn't a matter of coal shortage that is at the bottom of the matter. Serious as that is, the real

nub of it is to get the railroads clear. There are thousands of cars of coal loaded now and on the rails, but the roads are so tied up with freight that they can't get this coal through. Let the roads be given a chance to clear off this cluttered mass of freight and the coal can come through and the worst will be over.

"Why, when you stop to think of it, this is the biggest task that Garfield, Baker and Hoover have set before them in the history of the world. And men who see things in a large way, who are able to see beyond the petty confines of their own business and selfish interests, will see it so. We are trying to do in six months what ought to have been given years—ten years to do it perfectly. If we had set about it in August 1, 1914, it would be a different story.

"We are going to shut down our plant for five days, and not only that, we are not going to ship a pound of freight for the entire five days. We believe that if the manufacturers were to take this course generally it would go a long way towards saving the situation. You can't expect in the time given them to do it, that matters will be shaped out without a tangle. But you will find that those people who are howling the loudest about the present condition, who berate the Government and Garfield and others, are the ones who howled the loudest against the preparation, which, if made, would have gone a long distance toward straightening out the transportation tangle which we now face."

### Mr. Hastings Says Order Is Too Lenient

Arthur C. Hastings, former president of the American Writing Paper Company, and president of the Cliff Paper Company, at Niagara Falls, N. Y., which plant is closed down indefinitely, so that the power can be transferred to plants vital to the prosecution of the war, told the PAPER TRADE JOURNAL'S correspondent that he had also attended this meeting in New York. Mr. Hastings said: "Surely the order is entirely too lenient. A two weeks' shut-down would have not been too much to ask of the manufacturers and would have helped considerably towards cleaning up the railroads. The thing to do was to have shut down for a two weeks' period, and then after resuming operations, freight shipments would be almost normal again. This would have given the railroads a spell almost completely to catch up with the shipping demands." As far as the laboring class is concerned, Mr. Hastings said that not all the men would be thrown out of employment. Large numbers of men would be kept at work making repairs on the premises, getting the work in order and cleaning up, so that the mills could start off fresh when re-opened. "Those that don't get work, are invariably those that don't want to work," said Mr. Hastings.

### May Not Lose Much Business

Generally speaking, the Holyoke paper manufacturers will lose few orders because of the forced suspension of business. None of the manufacturers are enjoying anything like a rush, but, because of the orders that will accumulate during the shut-downs, it is expected that on the days of operations following the re-opening the mills will run to nearer capacity than at any time this winter. This condition, it is thought, may now continue for the balance of the winter.

### McClellan Paper Co. Sales Staff Dines

MINNEAPOLIS, Minn., January 21, 1918.—Recently at the Radisson, members of the sales staff of the McClellan Paper Company were guests of the management at a dinner which has come to be an annual affair. Both city and traveling representatives were present to the number of 35. After an elaborate menu there was an entertaining program of practical talks on various phases of paper salesmanship by members of the staff, Wm. Wilson, vice-president of the company, presiding.

The dinner was the culmination of a four-day conference of the McClellan sales forces.

# "IMPROVED" KNOTTER

for the first screening of sulphite, sulphate or ground wood pulp

We shall be glad to furnish data and samples of the work this machine will do in actual use.



Knotter Design No. 2

The cost of power and upkeep is extremely small and the results are very satisfactory.

WE ASK A THOROUGH INVESTIGATION

## IMPROVED PAPER MACHINERY CO.

NASHUA, N. H., U. S. A.

# Maurice O'Meara Co. New York

# PAPER

**PAPER**

- News
- Book
- Writing
- Coated
- Ledger
- Bond
- Litho
- Label
- Music
- Embossed
- Kraft
- Manila
- Fibre
- Lining
- Cardboard

**TISSUES**

- Interleaving
- Carbon
- Pattern
- White
- Manila
- Colors, and
- Specialties

**SPECIAL-TIES**

- In Embossing
- and Hanging
- Stocks for
- Wall Paper
- Mfrs.

**MILL SUPPLIES**

- Foreign and
- Domestic
- New Cuttings
- Old Rags
- Wood Pulp
- Jute Waste
- Flax Waste
- Old Rope
- Bagging
- Cotton Waste
- Paper Stock
- Animal String
- Gunny
- Bagging

**FOREIGN BRANCHES:**

- LIMA, PERU
- BARRANQUILLA, COLOMBIA
- QUAYAQUIL, ECUADOR
- CARACAS, VENEZUELA
- SANTIAGO, CHILE
- PARA, BRAZIL
- CIUDAD de GUATEMALA, GUATEMALA
- HABANA, CUBA
- SANTO DO-MINGO, R. D.
- MAYAGUEZ, P.R.
- SAN JUAN, P.R.
- PORT de FRANCE, MARTINIQUE
- PORT au PRINCE, HAITI
- LA PAZ, BOLIVIA
- BOMBAY, INDIA

## BETTER CAR PROVISIONS ARE NOW BEING MADE FOR CANADA

**A. H. Smith, Assistant Director General of the Railroads East of the Mississippi, Has Made Provision to Send 2,000 Box Cars to Canada for Use of the Paper Mills Situated in the Province of Quebec—Meanwhile Canadian Mills Are Being Flooded with Telegrams from American Cities, Calling for Shipments of Paper—Paper Makers Are Increasingly Concerned About Alleged Injustice of Price.**

[FROM OUR REGULAR CORRESPONDENT.]

MONTREAL, Que., January 21, 1918.—Naturally the great congestion of traffic consequent on the stormy weather, and the disruption of industries in the United States on account of the shortage of coal, have had their effect on the paper industry, but not to the effect that might be supposed, thanks to the foresight of the authorities and the heads of the industry. A. H. Smith, former president of the New York Central Railroad, and now assistant director-general of the United States Railroads, east of the Mississippi, ten days ago ordered 2,000 box cars to Canada for use of the paper mills in Quebec Province, most of which mills are on the Canadian Northern Railway. Unfortunately, cold weather and heavy snowstorms with high winds intervened, and of these 2,000 cars not more than 200 had been received at the time of writing, although, of course, more are expected during the present week. Meanwhile the Canadian mills and railways are being flooded with telegrams from Washington, New York, and Chicago calling for paper shipments. Shipments are going forward in sufficient volume, it is hoped, to enable the papers to tide over the situation, and it is expected that full supplies will be available within ten days from now, if the remainder of the cars ordered turn up. There seems to be a common agreement between the authorities here and those in the United States of the necessity of keeping up the supply of news print, not only for the sake of the publishers and advertisers, who exercise such a potent influence on business and distribution, but also because newspapers are recognized as a most potent medium for keeping the public informed and preserving the morale of the population. The order of importance of the various classes of freight is now as follows: 1, grain; 2, flour; 3, coal; 4, news print. These classes of freight take precedence over all others.

Recently, Price Bros. & Co. had to shut down their news print mill, owing to car shortage. This was followed by similar action on the part of the Belgo-Canadian Pulp & Paper Company at Shawinigan Falls. The former plant was kept shut down for five days and the latter for three days, when production was resumed owing to arrangements having been made meanwhile for storage of news print at outside points. The railways were able to supply enough cars for the local work of making shipments to the outside storage places. The Chicoutimi Pulp Company, which has on hand about 7,000 tons of ground wood, contemplates storing its temporary surplus at outside points. The Donnacona Paper Company, which supplies the *New York Times*, just escaped having to close down by filling up the large covered skating rink with the temporary surplus of production over shipments. All the big mills have large covered skating rinks for their employees, and in practically every instance these are filled to the roof with news print. The pulp mills are largely able to store their product outside, so that they are not so hard pressed. The Riordon company is reported to have about 4,000 tons of sulphite on hand at Hawkesbury, waiting for cars.

Naturally this outside storage costs money. The extra cost ranges from \$1 to \$1.50 per ton, and this is being borne by the mills. It makes an appreciable difference to the cost of produc-

tion, and adds to the discontent of the manufacturers over the fixed price of \$2.50 in Canada for news print and \$3 in the United States, as all other costs are mounting. They cannot continue at the prices quoted, unless radical factors, such as do not appear likely, intervene to reduce the cost of manufacture.

It is satisfactory to be able to report that all the mills are well supplied with coal. The manufacturers foresaw the possibility of a shortage long ago, and disregarding their contracts—which they had reason to believe would not be fully carried out—they bought coal at every available point in Canada and the United States. The result is that many of the mills have about ten varieties of coal. As is well known, sulphuric coal is apt to take fire in storage, and some of the mills now have their coal dumps burning. This is causing a loss, but while adding to cost of production the fires generally are not serious enough to cause reason to anticipate that any of the mills will have to close for want of coal. This applies, however, only to Quebec Province. In Northern Ontario the coal shortage presents a serious factor to the mills.

### The Price of News Print

It is possible that by the time this appears in print the Canadian Government will have taken some definite action in regard to the price of news print. In any case, however, it will not be inappropriate to record the fact that manufacturers are increasingly concerned over the injustice of the temporary price of 2½ cents per pound fixed by the Government for supplies of news print to publishers in Canada. The Government's own auditors, who have investigated the cost of news print production at the various mills, have found that it costs \$57.70 per ton, so that the manufacturers are being compelled to supply Canadian publishers at \$7.70 per ton less than cost, and are expected to make up the difference out of profits made from the sale of news print to American publishers. Obviously this is rank injustice to all concerned, and manufacturers are seriously demanding that they be recouped for the loss of half a million dollars in supplying Canadian publishers since the order in regard to price went into effect.

A somewhat similar feeling is apparent among the manufacturers of book paper, who are facing a possible stringent regulation of price, although they declare the publishers have been recouping themselves for the higher cost of paper by raising their subscription and advertising rates.

### Quebec's Great Power Developments

The attention of manufacturers all over the continent have this past week been directed to the great hydro-electric power developments at Shawinigan Falls, Que., by the successful floating of four and a half million of securities by the Shawinigan Water & Power Company, \$3,000,000 of which have been financed in the United States. As already stated, this issue was sanctioned by the Ottawa and Washington governments because of the immense importance of the company's operations. As an example, it may be mentioned that the Canadian Electro Products Company, which is a subsidiary of the Shawinigan Water & Power Company, has been engaged in the manufacture, under contracts with the British Government, of certain chemicals required for war purposes. These contracts have been extended to cover the entire year 1918. This plant alone has involved the expenditure of approximately \$1,800,000. It has also been necessary in connection therewith to make extensive additions to the plant of the Canada Carbide Company, also owned by the Shawinigan company. Another subsidiary company has built the great government dam on the St. Maurice River, which will increase the existing water power at the low stage of the river fully 50 per cent. This work has involved the expenditure of about \$2,000,000, and will be paid for in bonds of the Province of Quebec. Large additions to the equipment of the company consequent on increased power de-

(Continued on page 52.)



## Why Goulds Pumps Out-Wear and Out-Satisfy Other Pumps

In all lines of manufacturing industry you will always find one manufacturer whose product gives just a little more satisfaction, lasts just a little longer and operates just a little more economically than the product of all other manufacturers in the same field.

This condition is not due in any way to chance, but to the standards set for themselves by the various manufacturers.

### FOR INSTANCE—

Most manufacturers are satisfied to put into their product *only* such materials and workmanship as is absolutely necessary to sell that product at a certain price and enable them to meet their guarantee of specifications and performance — *but no more.*

### WHILE—

Invariably the one concern whose product bears the highest reputation gives *more* than mere necessity demands — *Higher Grade* materials perhaps or *better* workmanship, *more* weight, *better* finish and usually all of these. Their product *excels* because their standard is higher—and their idea of what a *good product* should be compels them to give more value for the same money.

The two products may look much alike, and sell at the same price, but it is this difference in manufacturing standards which enables the latter product to give *low maintenance cost* instead of average, *high efficiency* instead of

merely good, *long life* instead of medium.

This is the condition today in the pump field: whether you get pumps which give you *maximum service* depends on whether you buy from the manufacturer whose *standards are the highest.*

During the many years in which The Goulds Manufacturing Company has been building pumps we have never been satisfied to build p u m p s which would barely meet our guarantee.

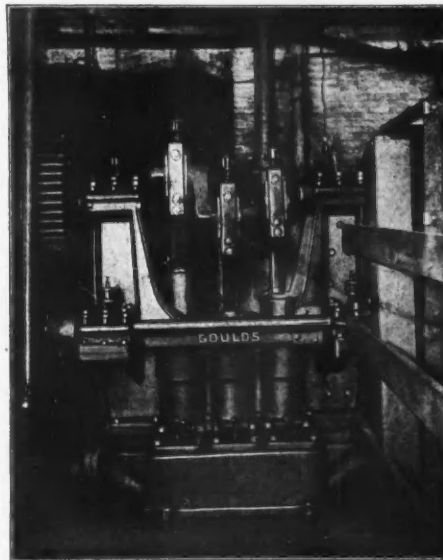
Our one aim has been to build the best pumps possible for the price charged — and we have found that it pays.

Were it not for the high standards to which Goulds Pumps are built, we could not boast of the thousands of Goulds Pumps which have been in operation for periods of 10, 15, 25 and 30 years and still giving satisfactory service; nor would we have on our books the names of customers who have been buying Goulds Pumps continuously for 20 or 25 years; nor would Goulds Pumps be favored

with the excellent reputation for high quality which they have borne for over a half century.

Goulds Pumps give better service because they are a better product, and that is why it will pay you to use them.

We will welcome an opportunity to show you what Goulds Quality really means.



Goulds Fig. 924 Triplex Pump, still giving satisfactory service after 24 years on the job as a boiler feed pump at the plant of The Falls Mfg. Co., Oconto Falls, Wis.

## The Goulds Manufacturing Company

MAIN OFFICE AND WORKS

Seneca Falls, N. Y.

New York 16 Murray St. Boston 58 Pearl St. Chicago 12-14 S. Clinton St. Philadelphia 111 North 3rd. St. Pittsburgh 636 Henry W. Oliver Bldg. Atlanta 3rd. Nat'l. Bank Bldg. Houston 1001 Carter Bldg.

## HALF PAY FOR IDLE TIME IN THE FOX RIVER VALLEY

**Many Employees Who Were Forced to Be Idle Because of the Order of Fuel Administrator Garfield Were Given Fifty Per Cent. of the Usual Wages—Representatives of Japanese Concerns Visit Wisconsin to Arrange for New Sources of Supplies of Wire Cloth, Which Were Formerly Obtained from England—Few Changes Are Made in Mill Directorates in Wisconsin.**

[FROM OUR REGULAR CORRESPONDENT.]

APPLETON, Wis., January 22, 1918.—Many papermill employees of the Fox River Valley received fifty per cent. of their wages for the five days during which the mills were closed down pursuant to the order of Fuel Administrator Garfield.

This action was taken by the mill owners following a conference with Major A. J. McKay, general manager of the Combined Locks Paper Company and chairman of the merchants' committee of the Council of Defense. About 5,000 men were affected by the agreement.

The mills which agreed to pay their employees for time lost as a result of the coal conservation order are as follows: Appleton Coated Paper Company, Combined Locks Paper Company, Fox River Paper Company, Interlake Pulp & Paper Company, Kimberly-Clark Company, Kaukauna Pulp Company, Outagamie Paper Company, Patten Paper Company, Thilmany Pulp & Paper Company, Neenah Paper Company, Menasha Paper Company and the Bergstrom Paper Company.

All mills operated or heated by coal were closed down during the five day period except such parts of mills as were operated entirely by waterpower and for which little or no coal for heating purposes was necessary.

### Buying Wire Cloth for Japan

Arrangements to purchase wire cloth from Appleton, Neenah and Menasha, wire cloth concerns, were made by three representatives of the Meishosha Trading Company and the Fuji Papermill, both of Tokio, Japan, while on a recent visit to this city. The three men are traveling through the entire country, closing contracts with manufacturers of paper mill supplies. The Japs asserted that before the war Japan secured its paper mill supplies from England but because that source has been cut off it is now necessary to look elsewhere for supplies. Japan has no wire cloth mills which makes it necessary to import all the wire from foreign countries.

### Few Changes in Paper Mill Directorates

Very few changes were made in directorates of Wisconsin papermills at the annual elections held this month. In practically every case all officers and directors were re-elected. The Rhinelander Paper Company re-elected the following directors: A. W. Brown, A. D. Daniels, C. S. Pierce, John Barnes, Paul Browne, W. E. Browne and J. Begerstrom. Officers were re-elected as follows: A. W. Brown, president; A. D. Daniels, vice-president; Paul Browne, secretary; William Eibel, treasurer.

The Badger Tissue Mills of Kaukauna re-elected the following directors: Alex Conkey, L. F. Nelson, B. W. Hayes, Joseph Lehrer and Michael Sadler. L. F. Nelson was re-elected as manager. Officers for the Northern Paper Company of Green Bay were re-elected as follows: W. P. Wagner, president; John C. Fogarty, vice-president and general manager; Perry S. Wagner, secretary-treasurer and sales manager. Frank H. Hoberg was re-elected as president of the John Hoberg Company at Green Bay. Other officers elected were: Anton Hoberg, vice-president; Henry

Goeth, secretary; William Hoberg, treasurer. The Green Bay Paper & Fibre Company re-elected the following officers: George D. Nau, president; Frank H. Hoberg, vice-president; John Welsh, secretary, treasurer and general manager.

### Elected President of the Ashland Paper Co.

A. F. Tuttle, president of the Tuttle Press Company of Appleton, was elected president of the Ashland Paper Company at the annual meeting held a few days ago. S. A. Whedon and G. L. Giddings were elected secretary-treasurer and vice-president respectively. Both men are connected with the Tuttle Press Company. L. C. Locklin of Ashland was re-elected as manager of the plant. The Ashland Paper Company was recently purchased by the men controlling the Tuttle Press Company and the entire output of the northern plant is utilized by the specialty company in Appleton.

### Paper Mill Men as Bank Officers

A large number of Wisconsin papermill owners were elected as officers of banks at annual elections held this month. Papermill men hold offices in Appleton banks as follows: F. J. Sensenbrenner, vice-president and director of the First National Bank; Peter Thom, director of the First National Bank; J. G. Rosebush, director of the Commercial National Bank. At Kaukauna the following papermill men hold official positions in banks: First National Bank—Luther Lindauer, J. G. Rosebush and John McNaughton, directors; Bank of Kaukauna—J. C. Kimberly, J. G. Rosebush, Luther Lindauer and John McNaughton, directors; John McNaughton, president, and Luther Lindauer, vice-president. Papermill men hold offices in Neenah and Menasha banks as follows: First National Bank of Neenah, D. W. Bergstrom, C. A. Babcock, F. J. Sensenbrenner, directors; J. A. Kimberly, president; George A. Whiting, vice-president of the First National Bank of Menasha; W. M. Gilbert and S. F. Shattuck, directors of the National Manufacturers' Bank of Neenah.

### General Trade Notes

A soup kitchen has recently been added to the dining hall facilities of the Kimberly-Clark Company's mill at Kimberly, Wis. More than 250 bowls of soup are served to the men daily at five cents a bowl. Recently a patriotic mass meeting was held at the Kimberly dining hall after which plans for organizing Kimberly for patriotic work were discussed. A stirring address on the causes which lead up to the great war was delivered by P. H. Ryan, a prominent Green Bay attorney. Officials of the Kimberly mill are active in loyalty work and have organized the employees into compact organizations for Red Cross and defense counsel activities.

The plant of the Alpine Stationery Company was moved last week from Stevens Point to Green Bay. The capital stock of the company was recently increased from \$10,000 to \$30,000 and eventually will be increased to \$50,000. The company manufactures tablets and heretofore has employed about a dozen hands.

The Patten Paper Company recently sold its old ground wood mill in Appleton to the Appleton Machine Company. The mill was discontinued about three years ago and had been used as a store house by its owner. The machinery was scrapped and sold to a junk dealer.

A surprise was sprung in Appleton and Neenah society circles last week when it was announced that Miss Milsom Babcock, daughter of Mr. and Mrs. C. A. Babcock, of Neenah, had become the bride of Lieutenant Karl B. Mory, of Appleton. The young people were married in New York on January 7, the day before the groom sailed for France. Mrs. Mory has returned to her home at Neenah. The bride's father is president and treasurer of the Wisconsin River Paper & Pulp Company.

The Pomeroy Paper Company of Menasha has established a branch office at Chicago. Harry Pomeroy, general manager of the company, will divide his time between the Menasha and Chicago offices.

**ANNOUNCEMENT**

THE

**Atlantic Paper and Pulp Corp.**

**SAVANNAH, GA.**

**Makers of High Grade**

**KRAFT PULP**

**HAVE APPOINTED**

**PRICE & PIERCE, Ltd.**

**30 East 42nd St.,**

**New York**

**SOLE SALES AGENTS**

---

**CAPACITY 60 TONS—DAILY**



## CANADA'S EXPORTS OF PAPER SHOW BIG DECLINE FOR OCT.

Value Is Less Than for Any Month Since February—Quantity of Chemical Pulp Exported in October, However, Was the Largest of the Year, Though Its Value Fell Under That of May, When the Second Largest Quantity Was Exported—Quantity of Mechanical Pulp Exported for the Month Was the Smallest of the Year—Pulp and Paper Mills of British Columbia Are Considerably Handicapped.

[FROM OUR REGULAR CORRESPONDENT.]

TORONTO, Ont., January 21, 1918.—Canada's exports of pulp and paper for the month of October, particulars of which have just been issued by the Department of Customs, show a decided falling-off from the month of September. In the case of paper the value of exports was less than that for any month since February. Figures for 1917 up to and including October, together with comparative figures for October, 1914, 1915 and 1916, are as follows:

### Monthly Exports of Pulp and Paper

1917	Paper	Pulp
January	\$2,302,844	\$2,483,064
February	2,329,444	1,357,025
March	3,711,526	2,343,280
April (no report issued).		
May	3,581,371	2,761,036
June	2,855,457	1,983,009
July	2,849,856	1,889,007
August	3,454,777	2,078,458
September	3,306,563	3,026,586
October	2,836,321	2,346,648
1916		
October	1,972,580	1,741,526
1915		
October	1,774,170	1,139,364
1914		
October	1,516,298	1,419,801

Included in the foregoing figures are board, felt, wrapping and other paper besides printing paper. The latter, of course, is the big item, so that the following table showing the quantity and value of printing paper exported for each month in the year will be of interest:

### Monthly Exports of Printing Papers

1917	Quantity	Value
January	926,073 cwt.	\$2,129,415
February	835,660 "	2,158,398
March	1,283,642 "	3,434,180
April (no report issued).		
May	1,216,811 "	3,347,343
June	928,993 "	2,635,381
July	875,504 "	2,512,958
August	1,109,872 "	3,124,334
September	1,064,219 "	2,958,630
October	925,330 "	2,515,031
1916		
October	860,320 "	1,818,075
1915		
October	815,303 "	1,563,757
1914		
October	723,384 "	1,405,431

The quantity of chemical pulp exported in October was the largest in the year, though it is significant that its value fell under that of May, when the second largest quantity was exported. On

the other hand, the quantity of mechanical pulp was much the smallest of the year.

### Weight of Pulp Exported

1917	Chemical	Mechanical
January	447,876 cwt.	674,915 cwt.
February	280,219 "	263,522 "
March	462,514 "	471,747 "
April (no report issued).		
May	543,520 "	432,513 "
June	365,522 "	384,960 "
July	355,747 "	410,513 "
August	417,258 "	407,467 "
September	485,531 "	868,640 "
October	567,573 "	247,508 "
1916		
October	429,572 "	454,384 "
1915		
October	331,539 "	671,112 "
1914		
October	245,191 "	1,304,697 "

### Value of Pulp Exported



1917	Chemical.	Mechanical
January	\$1,705,702	\$777,362
February	1,003,641	353,384
March	1,766,473	576,807
April (no report issued).		
May	2,173,276	587,700
June	1,388,297	594,712
July	1,237,214	651,793
August	1,465,623	612,835
September	1,752,116	1,274,470
October	1,962,286	383,762
1916		
October	1,306,837	434,689
1915		
October	612,920	526,444
1914		
October	484,575	935,226

### The Industry in British Columbia

A recent report from Vancouver states that the British Columbia pulp and paper mills are considerably handicapped by the lack of cargo space for export shipments. The industry has been built up in the coast province very much for export purposes and the shortage of shipping is naturally seriously felt. The capacity of the mills is about 200 tons per day of chemical pulp and 335 tons per day of paper. There is an investment of capital in the industry of \$22,000,000 and about 2,500 men are employed in the woods and at the mills. The local market for paper is only about a quarter of a million dollars per year, but some of the product crosses the Rockies to the prairie cities. The industry undoubtedly has a great future in British Columbia owing to the plentiful supplies of pulp wood, the abundant water-powers, close to tide-water and the rapidly developing markets in China, Japan and Australia. More than that, as the Pacific Coast states exhaust their pulp wood resources, they will naturally turn to British Columbia for their supplies, just as the eastern states have turned to Ontario and Quebec.

### Paper Industry in Draft

According to a summary of the draft, written for a New York newspaper by General Crowder, who supervised the draft, there were 101,750 men of the paper and printing industries registered. Of this number 30,711 were called for examination before the various local boards. The number of accepted men was 6,745, or about one-thirty-second of the number registered.

## They Help Speed Your Paper Output

**Transmission Belts      Deckle Straps      Water Hose**  
**Press Roll Coverings      Diaphragms      Valves**  
**Packings, etc., made by**

# GOODRICH

will speed your output due to fewer breakdowns because of the inbred quality that you'll find in every **GOODRICH** product—from the world famous "Silvertown" Tire down to the small but always dependable valve.

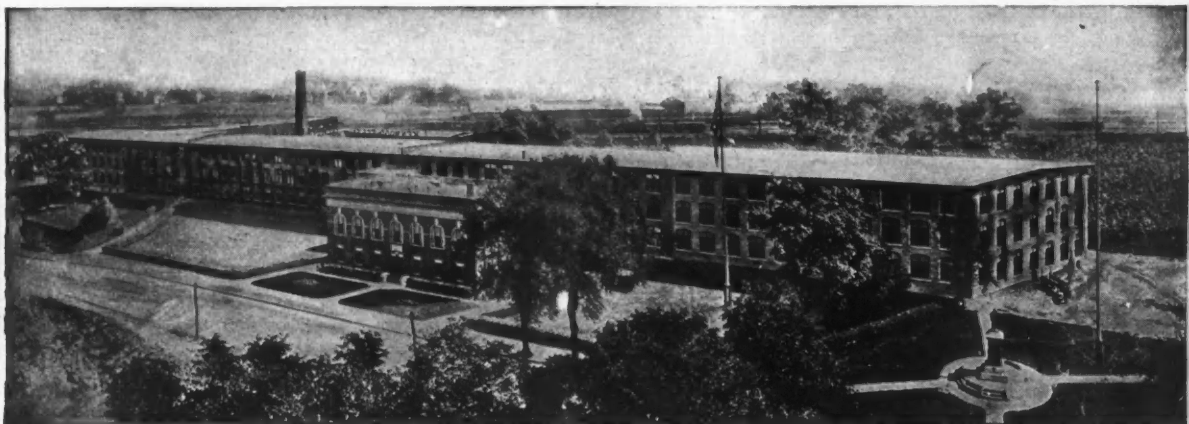
### THE B.F. GOODRICH RUBBER COMPANY

*Makers of the Celebrated Goodrich Automobile Tires—"Best in the Long Run"*

AKRON, OHIO—The City of Goodrich




## F. C. HUYCK & SONS ALBANY, N. Y.



Manufacturers of Kenwood Felts and Jackets for all kinds of Paper and Pulp.  
 Seamless Felts both for high speed machines and fine papers.

## Obituary

### Edwin S. Armstrong

WILMINGTON, Del., January 21, 1918.—Edwin S. Armstrong, for many years active as a manufacturer of paper, died last week at Cooch's Bridge, Del., in his seventy-sixth year. He was born in Norristown, Pa., December 13, 1842, a descendant of Thomas Pearson, who accompanied William Penn on his first voyage to Pennsylvania.

After serving in the Civil War, during which, after illness, he was assigned as an accountant to General Winfield S. Hancock, he embarked in the paper business with his father, Horatio Gates Armstrong. Their mills were merged into the New York and Pennsylvania Paper Company, and Mr. Armstrong retired from active business in 1884. He is survived by his wife and ten children, one of whom is Second Lieutenant Philip E. Armstrong, stationed at Fort Lewis.

### WATERTOWN MILLS OBSERVE ORDER

(Continued from page 16.)

the cause of the order," he said, "and if there is anything I can do to help I am more than willing, no matter what the effect upon my business.

#### Steps Might Have Been Taken in More Practical Way

Frank L. Moore, president of the Newton Falls Paper Company, was in New York at the conference of the executive committee of the American Pulp and Paper Association when the order was issued. Miss F. T. Helmer, treasurer of the company, ordered the mill down in compliance with the order. Upon the return of Mr. Moore he reflected the sentiment that prevailed at the meeting in New York and of other manufacturers.

He spoke of the action taken at the meeting which suggested that all paper mills be closed down for two weeks, but he plainly stated his position on the present order.

"It has reached pretty near a point where the business of this country should have something to say, where practical ideas should be sought and obtained instead of using theoretical ones," he said. "Every manufacturer wants to be patriotic, but he wants to be placed in a position where he can be, and can help out in a practical way. The railroad interests are already getting ready to use the present drastic step as an argument against government ownership of the roads."

Mr. Moore expressed the opinion that the present step was unnecessary, and that the situation could have been met in a more practical manner.

#### How the Other Mills Met the Order

The four mills of the International Paper Company located in this section were closed down with 600 men out of work.

The Continental Paper Bag Company closed its mill in this city. About 75 men are employed, but some are used to make repairs.

Knowlton Brothers, manufacturers of high grade specialties, employing about 150 men, also closed down.

The Hinde & Dauche Paper Company, with mills in this city, closed down and left idle about 75 men.

At Carthage the Champion, Carthage Sulphite, West End, Island and National Paper Products companies all closed down, throwing many men out of employment. The mills at Brownville and Dexter also joined the rest.

A tremendous loss in production and wages is being sacrificed through this government order in the Black River Valley alone.

During the fifteen days of enforced shutdown it is estimated that at least 12,000 tons of news print at a market value of \$720,000 will be withdrawn from the market. The men thrown

out of employment will lose during that period about \$127,000.

An estimate of the other varieties of paper manufactured in the district places the loss in production at 400 tons a day, or 6,000 tons for the fifteen days. This means a loss of \$500,000 to the manufacturers. The men will lose about \$100,000.

This means that this section of the state will sacrifice about a million and a half dollars to the cause.

It is hoped that the effect will be to strengthen prices, and in this manner permit a slight recovery for both owners and men.

### Paper, Paper Products, Etc., in Chile

Since the war started, the United States has greatly increased its share in the paper trade of Chile. The market was recently investigated by the Bureau of Foreign and Domestic Commerce in connection with a general survey of this trade in South American countries, and the report on the subject that has been published suggests that if this new business is handled carefully, with an eye to the future, much of it can be made permanent. Special Agent Robert S. Barrett, the author of the report, believes that if bad impressions are made at this time it will take many years for firms to live them down. He describes Germany's pre-war control of Chile's paper trade.

In 1913, Germany sold that country 55 per cent. of its total imports of paper; England, 14 per cent.; the United States, 13 per cent.; France, 5 per cent.; and Belgium and Spain, each, 4 per cent. Probably not more than half of the paper credited to Germany was manufactured in that country, but the organization for world-wide export and the large buying power of the Hamburg wholesale paper merchants enabled them to quote lower prices than their competitors.

Copies of "Chilean Market for Paper, Paper Products, and Printing Machinery," Special Agents Series No. 153, can be purchased at 15 cents each from the Superintendent of Documents, Government Printing Office, Washington, D. C., or from the district or co-operative offices of the Bureau of Foreign and Domestic Commerce.

### Trade News of Western New York

[FROM OUR REGULAR CORRESPONDENT.]

NIAGARA FALLS, N. Y., January 21, 1918.—The Falls International paper mill, which was being operated to use up the stock on hand, in compliance with the government's power order, and the Hinds Paper Box company, which was not affected by the power order, were closed today. They were closed because of the fuel administration order requiring manufacturers to close down one day a week as a step to the conservation of coal. About 300 men were thrown out of work at the International mill and 155 employees at the paper box works. The plant of the Tonawanda Board & Paper company at Tonawanda was also closed. The plants will remain closed for ten consecutive Mondays.

The Niagara Electric Furnace Company of this city has filed with the county clerk a certificate of incorporation. The capital stock is \$500. The incorporators are Thomas Uptegraff of this city and Walter E. and James Uptegraff of Pittsburg, Pa. The company will start blast furnaces in the plant of the De fiance Paper company in Walnut avenue.

### Brainerd Paper Mill May Be Enlarged

BRAINERD, Minn., January 21, 1918.—A report in Brainerd is to the effect that The Northwest Paper Company may enlarge its paper and pulp plant in Brainerd to twice its capacity. The present plant is so built that additional units can easily be added.

The mill gives employment to many men and has virtually put northeast Brainerd, a thriving section of the city, on a solid foundation. Early in the spring a big sawmill is to be established near the paper mill and electric power will be used.



# Two Reasons why we guarantee "Test Special" Rubber Belting

**NEW YORK BELTING & PACKING CO.**  
 BEAVER BOARD  
 ADMINISTRATION OFFICES: 4 SOUTH ST. NEW YORK, N. Y.  
 BOSTON, MASS. CHICAGO, ILL. ST. LOUIS, MO. PHILADELPHIA, PA.  
 PITTSBURGH, PA. SPOKANE, WASH.  
 CABLE ADDRESS: "BELT" NEW YORK

New York Belting & Packing Co.,  
 91 Chambers Street,  
 New York, N. Y.

Gentlemen:—

We have your recent letter asking our opinion of the "Test Special" friction surface rubber belting which you have furnished us.

We are glad to tell you that this belting has proven very satisfactory and we consider that we are getting very efficient results by its use. As you know we used the "Test Special" to belt up our new board mill at Thorold, Ontario, in the Fall of 1914. The mill has operated at full capacity from the start and we have not been required to make any changes in this belting since the fact that we had very good success with smaller lots of your belting prior to our building the Thorold mill led us to believe that we would receive equal satisfaction with your product at Thorold. We are pleased to tell you that our anticipations in this direction have been fully realized.

We have been agreeably surprised by the fact that we have had so much trouble as is usually caused by the stretching of belting on new equipment. All the belts are in first class condition and from their present appearance are good for a long term of service.

We are glad to recommend "Test Special" belting as giving the most efficient belt service.

Yours very truly,  
 THE MANAGER,  
*[Signature]*  
 New York Belting & Packing Co.

220/K

**Petaluma Box Company, Inc.**  
 BOXES OF ALL KINDS: FRUIT TRAYS, EGG CASES, CHICKEN COOPS, BERRY CHESTS, LUNCH BOXES, BASKETS, BUNDELS, SAMPUSY BASKETS AND BOX WOOD

Gentlemen:—

Your last shipment of "Test Special" belting came duly to hand. Please accept our thanks for promptness in filling this order.

We are now using this brand of belting on a good part of our plant and have found it so satisfactory that we are replacing all worn out belts with "Test Special". We have placed this belt on high speed machines and in places where severe strains and overloads are carried and our experience is that it carries the loads and lasts longer than the best grades of leather or Balata belting.

We find that it is not affected by heat or moisture, will not tear out at the lacing and will last for six months on a run that wears out the best grade of leather belt in three months. We do not hesitate to recommend "Test Special" belting for use for any purpose for which a belt is used.

Very truly yours,  
 Petaluma Box Co.  
 Per *[Signature]*

77:12

## Have You a Belting Problem?



### NEW YORK BELTING & PACKING COMPANY

- |   |   |
|---|---|
| NEW YORK, N. Y. .... 91-93 Chambers Street  | SAN FRANCISCO, CAL. .... 519 Mission Street |
| CHICAGO, ILL. .... 124-126 West Lake Street | BOSTON, MASS. .... 65 Pearl Street          |
| ST. LOUIS, MO. .... 218-220 Chestnut Street | PITTSBURGH, PA. .... 420 First Avenue       |
| PHILADELPHIA, PA. .... 821-823 Arch Street  | SPOKANE, WASH. .... 157 So. Monroe Street   |

## New York Jottings

Vice President Murray of the Union Bag & Paper Company, was in Montreal during the latter part of last week.

The Union Bag & Paper Corporation has modified its recent price list of 20 per cent. reduction on factory shipments to 10 per cent. This price list was published in the *PAPER TRADE JOURNAL* two weeks ago.

A. D. Naylor, secretary of the American Paper & Pulp Association, reports that the reservations for the association's dinner on February 7, at the Waldorf Astoria are coming in very fast and from present indications it is highly probable that a very large attendance will be present.

Complying with the order of the United States Fuel Administrator, Schorsch & Co., paper bag manufacturers, 500 East 133rd street, closed down their plant from Friday, January 18, to Tuesday, January 22, inclusive. No deductions were made from the pay roll of their employees during this period.

At the Waldorf Astoria, on Wednesday, in the banquet hall, the first meeting of the News Print Service Bureau was held. As reported on another page of this issue, the final articles of incorporation of the bureau were discussed and passed upon before being submitted to the Attorney Generals of the United States and Canada.

Robert T. Houk, Jr., acting secretary of the News Print Service Bureau, has definitely decided to leave New York at the end of this month. He states his plans beyond that, however, are in an indeterminate stage. However, the popular young secretary, in the agreement of all, has handled his difficult position during the past months with no small talent.

Paul E. Vernon, who is, in his customary vigorous manner, pushing the War Savings Stamp campaign among the jobbers, states that two more concerns have applied for agencies to sell the stamps. The concerns are: The Sutphin Paper Company and the Canfield Paper Company. Vernon Bros. & Co. have also been appointed agents. All other concerns that feel it incumbent upon themselves to sell the War Savings Stamps—and it is really a patriotic privilege—should communicate with Mr. Vernon, who figures correctly that it ought to be as easy to buy a thrift stamp as it is to buy, say, a cigar.

Captain Donald C. Thompson, photographer for *Leslies' Magazine*, will show a remarkable five-reel film of battle scenes at the dinner of the Tissue Manufacturers' Association, which, as announced in a previous issue of the *PAPER TRADE JOURNAL*, will be held at the Hotel McAlpin. During the showing of the film Captain Thompson, who is attached to the Russian army, will deliver a talk accompanying the various scenes depicted by the films. E. H. Naylor, secretary of the association, in speaking of the dinner, said, "The annual meeting this year of the association will be more of a supper than a dinner and will be strictly in line with the recommendations of the Food Administration."

### Program for Convention of A. P. & P. A.

The complete program as finally arranged for the forty-first annual convention of the American Paper & Pulp Association, at the Waldorf-Astoria, February 4-7, is as follows:

Secretary, Room No. 104; Banquet Assignments, Room No. 104; Registration, Room No. 104; Stenographers, Room No. 102.

### MEETINGS

#### MONDAY, FEBRUARY 4, 1918

Waxed Paper Manufacturers' Association, 10 a. m., State Apartment.

#### TUESDAY, FEBRUARY 5, 1918

Board Division, 10 a. m., Room No. 109.  
Glazed and Fancy Paper Manufacturers' Association, 10 a. m., Room No. 106.  
Tissue Paper Manufacturers' Association, 10 a. m., East Room.  
Committee on Resolutions, 10 a. m., Room No. 102.  
Cover Paper Manufacturers' Association, 2:30 p. m., East Room.  
Technical Association (Executive Committee), 2 p. m., Room No. 107.  
Vegetable Parchment Manufacturers' Association, 2:30 p. m., Room No. 109.

#### WEDNESDAY, FEBRUARY 6, 1918

Gummed Paper Manufacturers' Association, 10 a. m., Room No. 106.  
Technical Association, 10 a. m., Myrtle Room.  
Writing Paper Manufacturers' Association, 10 a. m., East Room.  
Wrapping Paper Manufacturers' Service Bureau, 10 a. m., State Apartment.  
Pulp Manufacturers' Association, 2:30 p. m., Room No. 151.  
Sulphate Bond Division, 2:30 p. m., East Room.  
Technical Association, 2 p. m., Room No. 106.  
Technical Association, 2 p. m., Room No. 107.  
Technical Association, 2 p. m., Room No. 104.  
Technical Association, 2 p. m., Room No. 102.

#### THURSDAY, FEBRUARY 7, 1918

Technical Association, 10 a. m., Astor Gallery.  
General Business Meeting, American Paper & Pulp Association, 10 a. m., Myrtle Room.  
Executive Council Meeting, 2 p. m., Myrtle Room.  
Binders' Board Manufacturers' Association, 2 p. m., Room No. 106.  
Technical Association, 2 p. m., Room No. 109.  
Technical Association, 2 p. m., Room No. 107.

### BANQUET

#### FEBRUARY 7, 1918

Reception, 7 p. m., Astor Gallery.  
Dinner, 7:20 p. m., Banquet Hall.

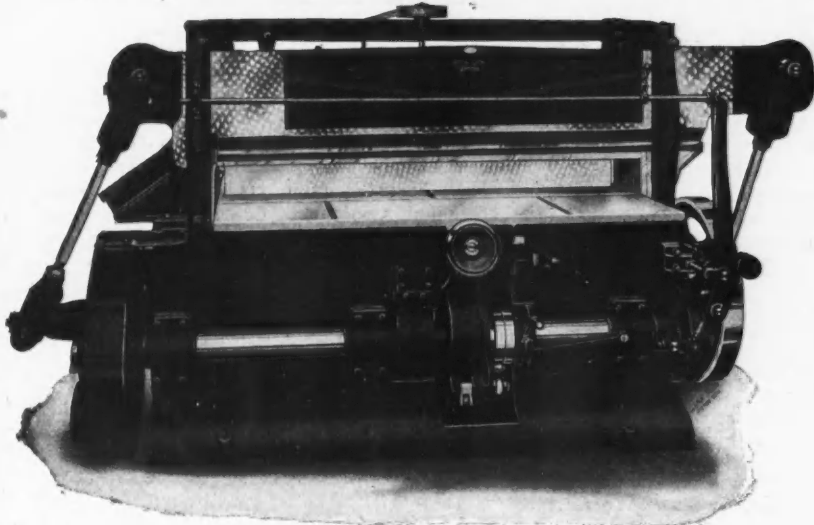
### Redwood Bark Used for Making Paper

EUREKA, Cal., January 15, 1918.—The Humboldt redwoods are furnishing a comparatively new export of the county. This is redwood bark, which is being shipped out in large quantities to be used in the manufacture of paper. The material is a by-product of the logging operations in the county, and heretofore has been an actual waste for in thicknesses of a foot or two it had to be peeled from the fallen trees before they could be cut into logs and made ready for transportation to the mills and later it was burned with the slashings.

The adaptability of redwood bark for the manufacture of paper was demonstrated here some years ago by an experimental paper-making plant.

U. S. McMillan, manager of the Redwood By-Products Company of San Francisco, has just closed a two-year contract with the Paraffine Paint Company of San Francisco for its supply of redwood bark, now successfully utilized in the manufacture of building paper. Redwood bark has been found after a series of exhaustive tests covering a considerable period to provide a very satisfactory fiber for certain grades of paper. McMillan was a pioneer in urging the use of redwood bark for paper making.

## Seybold "Dayton" Automatic Cutter



**I**N Purchasing a Cutting Machine, measure its VALUE by the RESULTS you are able to obtain by its use.

We welcome the closest comparison of the QUALITY and QUANTITY of the output of the DAYTON CUTTER with that of any other make.

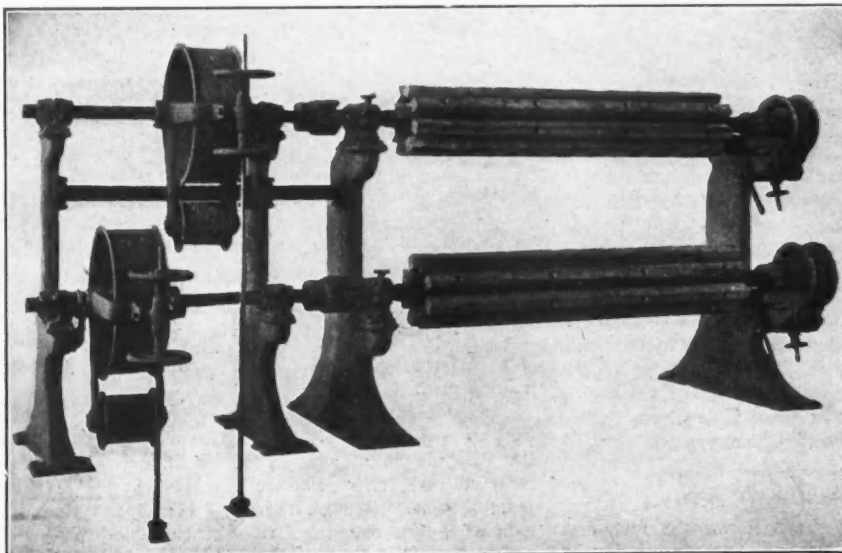
**The Seybold Machine Company**  
Main Office and Factory, Dayton, Ohio, U.S.A.

NEW YORK: The Seybold Machine Co., E. F. Lawson, 151-163 W. 29th St.  
CHICAGO: The Seybold Machine Co., C. W. Stevens, 119-114 W. Harrison St.  
ATLANTA: J. H. Schroeter & Bro. TORONTO: The J. L. Morrison Co.  
LONDON: Smyth-Horne, Ltd. WINNIPEG: Toronto Type Foundry Co., Ltd.



**THE BLACK-CLAWSON CO.** HAMILTON OHIO, U. S. A.

**Builders of Paper and Pulp Mill Machinery**



### Sheet and Roll Pasting Machines

We issue a Catalogue which contains real information. Write for it.

FOR  
**ECONOMY  
QUALITY  
AND  
QUANTITY**

our high speed Straight Fourdrinier, Harper Fourdrinier and Cylinder Machines are unsurpassed.



## MILLS IN THE MIAMI VALLEY STRICTLY OBEY FUEL ORDER

Although Losses of Thousands of Dollars Are Entailed Paper Makers Respond Patriotically to the Order of the Fuel Administrator—Manufacturers of Paper Making Machinery Also Are Seriously Affected by the Order, but All Comply Strictly with All of Its Terms—Well-Known Paper Men Are Honored by Financial Institutions—Other Personal and General News of the Trade.

[FROM OUR REGULAR CORRESPONDENT.]

DAYTON, Ohio, January 21, 1918.—When the paper mills and kindred establishments resume operations tomorrow they will realize that they have, indeed, performed a patriotic duty in carrying out Fuel Administrator Garfield's suspension order.

The Champion Coated Paper Company, of Hamilton, employing 1,500 persons, closed at 7 a. m. Friday, and remained as tight as a clam until Wednesday. President Peter G. Thomson said: "We closed down, of course, with serious loss, but it is a war order and our company did not hesitate one moment. We have 80 heaters with pulp going through them in the process of making paper. To stop right in the midst of this means a big loss, but there is no escape. We must simply accept the loss. We will have a far heavier loss in the pulp mill than in the paper mill. Our mill uses 350 tons of coal per day and we will need 150 tons per day to keep the plant warm, even though activities cease. So the net saving is 200 tons per day.

The Beckett Paper Company closed at 6 a. m. Friday, after taking about six hours to empty the machines to avoid loss in manufacture. President Beckett stated that the company did not lose any money in the process of manufacture, the principal loss being caused by being unable to keep up the manufacture of paper for which there is a steady demand. The mill uses 70 tons per day, and 10 tons were used to keep the mill warm during the shut-down.

The Sterling Paper Company closed Thursday midnight. It uses 40 tons per day when running full, and five tons were consumed in keeping the plant in shape during the suspension. The Aetna Paper Mills in this city and the Peerless plant of the Mead Pulp & Paper Company also ceased operations. A considerable saving was effected in coal by the process. Many local plants are running on airplane and war contracts and were exempt, but the fact was not known until Friday evening, so that one valuable day was lost by the workmen, while the output was reduced materially. It was the consensus of opinion that had ample time been given for the shut-down, the various companies could have made arrangements for the change and reduced the losses to the minimum.

The machine plants were greatly affected. The Black-Clawson Company, manufacturer of paper mill machinery, found that it would require almost as much coal to keep the plant going when closed as in full operation, so that practically no saving was effected. The Seybold Machine Company, maker of paper cutting machines, also let off its large force.

Even the makers of Uncle Sam's envelopes and newspaper wrappers bowed to the mandate, the Mercantile Corporation, which has the Government contract, having been closed. General Manager Marston stated that the company co-operated willingly, as well as the 900 employees. "Even though the coal shortage may have been due to early inadvertence or unforeseen conditions, there is no reason why all manufacturers and other business men should not come to the front and help correct it," said Mr. Marston. "On that theory we are complying strictly with the regulations of the Fuel Administration and are doing no work

except unloading cars that arrive so they may be released immediately. We discontinued the operation of the Mercantile plant in the face of the fact that we can generate our power by water. But to operate the plant it would be necessary to burn coal to secure heat for the comfort of the employees, greatly in excess of the amount required merely to keep our building above the freezing point."

### E. S. Reynolds Made Bank Official

Edward S. Reynolds, at the head of the Reynolds and Reynolds Company, blank book and paper and tablet manufacturers of this city, has been elected vice president of the Merchants' National Bank to succeed the late Jacob Linxweiler, president of the Teutonia Insurance Company and former mayor of the city. Mr. Linxweiler had served in an official capacity with the bank, and on the Board of Directors with Mr. Reynolds for a number of years. The promotion of Mr. Reynolds was a deserved compliment to a hustling young business man.

### Would Interfere with Government Orders

It is understood that the Champion Coated Paper Company telegraphed last week to the Ohio senators in Washington that the passage of the joint resolution introduced by Senator Smith of Arizona to control print paper, mechanical and chemical pulp, would close its plant and make it impossible to fill its contract with the Government for the manufacture of postal cards, stamp paper, etc.

When asked concerning this report, Peter G. Thomson, Jr., said: "As we understand the purpose of the Smith bill, it proposes, among other things, the control of the pulp mills and would simply add considerable red tape to the conduct of an industry not in any way involved in the war. As I understand the situation, that addition of red tape would very seriously affect our business, which is also in no way connected with the news print industry."

### The Strike Situation in Hamilton

Shuler & Benninghofen, manufacturers of paper makers' felts and jackets, Hamilton, Ohio, have furnished the following statement: "Regarding the strike of last June of most of our former employees who were members of a newly organized branch of the United Textile Workers of America, the union waived all its original demands some time ago, but they objected to our refusing to take back certain of our former employees and adopted the slogan, "All of us or none of us." They have now voted to go back to work, we to provide a waiting list. However, there are certain former employees whose names will never appear on this waiting list and who consequently will not enter our employ again. Various national officers of the union have stated that the local union should never at the instigation of a local organizer have made the demands it did of us and should never have gone on a strike. We expect to increase our force of employees gradually and later on will run our machinery at night also. In the future, as in the past, our mill will be operated as an open shop."

### Mr. Thomson Presents Interesting Pictures

Peter G. Thomson, president of the Champion Coated Paper Company, has presented an interesting group of three photographs to the Hamilton Y. M. C. A. One of the pictures is a portrait of Mr. Thomson and the others show the remarkable physical and muscular development of the shoulders, chest and biceps. Mr. Thomson is an ardent believer in the systematic physical training. He joined the Cincinnati Gym in 1860, because a life member in 1907 and an honorary life member in 1912, and has participated in many physical demonstrations, having won the gold medal in an exhibition in 1873. The well-known paper manufacturer also won the first prize for Indian club swinging, while another feat he performed was the lifting of 1,265 pounds without harness.

(Continued on page 32.)

*Over 30 years in supplying the Paper Trade spells  
Experience plus organization which means  
Service to You*

# WOOD PULP

OF EVERY DESCRIPTION

## M. GOTTESMAN & CO.

INCORPORATED

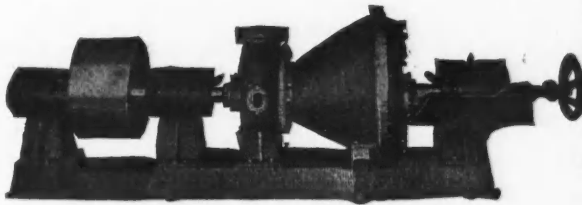
18 East 41st Street

::  
Established 1886

NEW YORK, N. Y.

## Increase Your Production

Three Clafin Continuous Beaters will handle as much stock as six tub-beaters. The six tub-beaters will cost three times as much as three Clafin Continuous Beaters. Six tub-beaters will occupy four times the floor space required for three Clafin Continuous Beaters. These facts have been demonstrated daily for the past nine years in some of the best mills in the country.

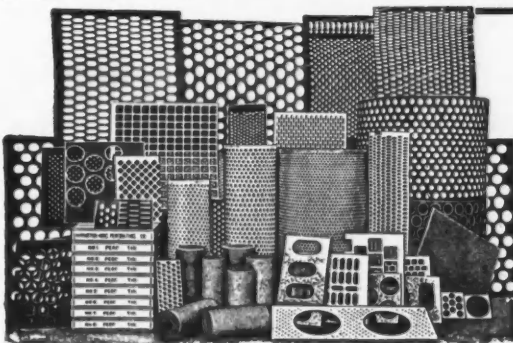


It has also been demonstrated beyond question that the Clafin Continuous Beaters do better beating and brushing, produce a finer, stronger and more uniform pulp than the tub-beaters.

We also have many customers, who prefer our Continuous Beaters to Jordan engines, because the fillings never break or tear out, and they obtain a better product than from a Jordan.

If you manufacture Kraft paper, and are having trouble with tub-beaters, Jordans and other refining engines, write us for special information on Kraft stock.

**THE CLAFLIN ENGINEERING CO., LANCASTER OHIO**



## PERFORATED METALS

**Paper and Pulp Mill Screens**  
STEEL, IRON, COPPER, BRASS, BRONZE

FOR

Centrifugal and Rotary Screens—Drainer Bottoms—Filter Plates—Pulp Washers, etc. All sizes and shapes of holes in many thicknesses and dimensions of sheets. Accuracy in all details and excellence of quality at lowest consistent prices.

**THE HARRINGTON & KING PERFORATING CO.**

618 NORTH UNION AVE., CHICAGO, ILL.

114 LIBERTY ST., NEW YORK, N. Y.

## Recent Incorporations

UNIVERSAL PAPER COMPANY, Oklahoma City, Oklahoma. E. D. Wrinkle, C. D. Jones and A. L. Busey, Oklahoma City. Capital, \$50,000.

DANVILLE WHOLESALE PAPER COMPANY, Danville, Illinois. Capital, \$20,000. Incorporators: Benjamin J. Epstein, Fred B. Penwell, Walter G. Lindley.

THE ROSENBERG PRINTING COMPANY, Manhattan, New York. Capital, \$10,000. Incorporators: A. H. Rosenberg, H. J. Kahn, J. J. Goorvitch, 321 East 21st street.

### MIAMI VALLEY MILLS OBEY FUEL ORDER

(Continued from page 30.)

As an advocate of physical training he has always demonstrated a substantial interest, and it was through his efforts that the Central States swimming contest will be held at the Hamilton Y. M. C. A. on January 18-19. The pictures which he donated are handsomely framed, the Clouston Art Gallery of Cincinnati having done the work, and will be placed in the social and game room of the Hamilton Y. M. C. A. It is expected it will form the nucleus for a gallery of similar pictures reflecting physical development, and which will prove an incentive to all lovers of wholesome athletics, of which Peter G. Thomson stands as a splendid example.

### Interesting Patent Suit

Several patent attorneys from Washington contested the case of the Union Envelope Company, of Richmond, Va., against the American Envelope Company, of West Carrollton, infringement of patents being alleged. The case was heard in the United States District Court in this city, Judge Howard Hollister, of Cincinnati, presiding.

Vernon Hodges, of Washington, appearing with E. H. Turner for the defendant, announced that the defense would call one witness. Attorney Prevost, of Washington, and Attorney L. W. James, of this city, appeared for the complainant.

Attorney Hodges sought to prove technicalities through the cross-examination of Robert Haines, expert patent attorney of Boston, the chief witness for the Union Envelope Company. Mr. Haines was chief examiner for the United States patent office at Washington for 15 years. The case is an equity matter growing out of the alleged infringement of patents concerning twin envelopes commonly used in churches for benevolences and church expenses. The envelope is divisible by a weakened line for the convenience of church treasurers. No unfair competition is charged by the plaintiff.

### General Trade Notes

An inventory and appraisal of the personal estate of the late Heron T. Loomis, Cincinnati attorney, shows that among his largest holdings are included stock in Miami Valley concerns. The estate is worth in excess of \$772,000, 1,500 shares of common in the Champion Coated Paper Company being quoted at \$180,000 and 300 shares in the Champion Fibre company (a branch of the Miami Valley Company located at Canton, N. C.) being given at \$28,500; 134 shares in the Kemper-Thomas Company, near Cincinnati, at \$1,300; and 290 shares in the Dalton Adding Machine Company, valued at \$27,550.

As may be expected a number of paper tradesmen are interested in local financial companies and banks and the elections, which have just taken place for the year, show some changes of note. For instance, W. W. Sunderland, president of the Miami Paper Company, West Carrollton, has been chosen director of the Fourth National Bank of this city, succeeding J. B. Thresher, who resigned with the intention of retiring permanently from active business. J. Edward Sauer, formerly interested in the manufacture of paper

cutting machines, was elected president of the Teutonia National bank.

Waddill Catchings, president of the Platt Iron Works of this city, has become a partner in the banking house of Goldman, Sachs & Company of New York. He is chairman of one of the important committees of the Chamber of Commerce of the United States which is co-operating with the Council of National Defense in co-ordinating the industries of the country for the prosecution of the war. It is understood Mr. Catchings will continue his work in Washington as well as in Dayton.

### MAY INTRODUCE NEWS PRINT BILL AGAIN

(Continued from page 14.)

by the Senate, as I remember, to make an investigation of the cost of print paper. That investigation proceeded, and as it proceeded the Federal Trade Commission undertook to make an agreement with the paper manufacturers of this country as to the price at which print paper should be sold. An agreement was reached and a price named at 2½ cents a pound. Shortly after the agreement was reached the Attorney General, in behalf of the United States, brought suit against seven or eight paper manufacturers for the purpose of dissolving the companies, claiming that they had associated themselves together, and thus had formed a monopoly in restraint of trade.

It is true, Mr. President, that after they had made the agreement to sell paper at 2½ cents a pound, when the Attorney General began suit against them, they concluded that the agreement which they had made with the Federal Trade Commission, a branch of our Government, should not be binding. I think in many cases they then sold paper as high as 3 cents a pound instead of 2½ cents. But, further, Mr. President, when the cases were settled—and I am not going into the question of how they were settled, because that has already been stated on the floor a good many times—the Attorney General, as trustee in behalf of each and every individual, firm, or corporation publishing a newspaper and using news print paper in his business or in its business in the United States, agreed with the seven or eight print paper manufacturers who manufactured at least 75 per cent. of the paper manufactured in the United States upon certain prices at which the paper should be sold. Those prices were based upon the investigation of the Federal Trade Commission and were the prices which that commission recommended. Here are those prices: From January 4, 1918, until April 1, 1918, for such news print paper in rolls, \$3 per hundred pounds f. o. b. at the mill in carloads lots, and \$3.25 per hundred pounds f. o. b. at the mill in less than carload lots.

Then, the agreement further provides:

After April 1, 1918, a just and reasonable maximum price and terms of contract for the sale of all or any print paper shall be determined and fixed by the Federal Trade Commission after due hearing and investigation.

Why, Mr. President, the agreement that has been reached is such that the Federal Trade Commission has absolute power to fix the price at which print paper shall be sold in the United States.

### New Paper House for Kansas City

KANSAS CITY, Mo., January 21, 1918.—The S. L. Schwarz Paper Company, a branch of S. L. Schwarz & Co., Chicago, has leased the four-story and basement fireproof building at 2110 Central street. The property is on a switch.

The company is a large distributor of wrapping paper and paper bags in Chicago. Every large city in the middle west was considered in locating this branch, Mr. Schwarz told Max Skeer, who represented the Schoenberger Realty & Investment Company in negotiating the lease.

Alfred Schwarz, vice-president, will manage the Kansas City branch and make this city his home.



# HOWARD BOND

WATERMARKED

Color Brilliant : Strength Wonderful

---

**THE HOWARD PAPER CO.**  
URBANA, OHIO

## ORR FELTS AND JACKETS

ALL ARE GIVING SATISFACTION ON

NEWS AND FAST RUNNING MACHINES

THESE FELTS ARE WOVEN ENDLESS

**THE ORR FELT & BLANKET CO., Piqua, Ohio, U. S. A.**



(Elchemco Process)

## A Rub-Steel Valve

CHOSEN FROM OUR FOUR GRADES INSURES TO YOU—

Closest RUBBER Seating with STEEL support from inside the disc.  
A Union of the two elements that DEFIES separation for all time.  
Positive immunity from Dishing, Slippage, Cracking or Crumbling.  
Steady, smooth action in greatest pressure—highest heat.  
A vast economy through LONGEST SERVICE.

**VOORHEES RUBBER MFG. CO. 18-50 Bostwick Ave. JERSEY CITY, NEW JERSEY**

# Editorial

Vol. LXVI. New York, Thursday, January 24, 1918 No. 4  
FORTY-SIXTH YEAR

## The Fuel Order in the Paper Trade

The paper trade throughout the country accepted philosophically the order of Fuel Administrator Garfield to shut down industries for five days and nine successive Mondays. This was the right way in which to meet this order for after all the most important business so far as every one is concerned just now is to help as much as possible in winning the war.

With this thought doubtless most paper makers responded spontaneously to the order to save fuel and criticism was directed only at the sudden manner in which the step was taken. It was believed that some preliminary notice of the intended action would have very greatly decreased the inconvenience which the order caused. Unquestionably, however, such notice also would have tended greatly to complicate the transportation problem. Of course this was not desirable. In fact the coal order was undoubtedly expected indirectly to bring considerable relief in this particular direction. It is to be hoped that the measure will bring all the relief that was expected of it.

Just what effect the carrying out of the Fuel Administrator's order will ultimately have on the paper trade is problematical. Already, however, it has caused some mills to withdraw their quotations and it has been instrumental in bracing up a market that has not been strong, to say the least, for some time past. Under these circumstances it is fair to expect that this bull factor coupled with others which have appeared within the past few weeks will cause prices to advance. Supplies of paper certainly will be more difficult to get than they have been recently.

As regards the effect on news print the paper expert of the American News Paper Publishers Association has been quoted as follows:—

"Newspapers have been suffering a shortage of paper for a year and a half. Every day the mills are idle means a loss of 4,000 tons. Shut down the mills for five consecutive days and then for nine consecutive Mondays and most of the papers in the United States would be forced to suspend."

This is not a pleasant outlook for the publishers especially in view of the fact that the paper committee of the American News Paper Publishers Association only a short time ago was advising the newspapers not to store news print and to obtain its supplies transiently. Dr. Garfield, it will be recollected in the mid Summer, made what is now commonly conceded to have been a similar great mistake with regard to coal.

As distinguished from this fear of the publishing interests to meet the present emergency the patriotic disposition of the American Paper & Pulp Association to help the Government out at whatever cost stands out conspicuously. This association, as noted elsewhere in this issue, has passed a resolution recommending that an industrial moratorium of at least

two weeks be declared during which all industries should be absolutely prohibited from manufacturing and delivering freight to any railroad. We hope that it may not be necessary for the Government to follow out this suggestion. We can, however, vouch for the sincerity of the resolution and it certainly reflects in a splendid manner the disposition that exists in the paper trade to help win the war.

## Foreign Trade in Paper

The total exports of paper and manufactures paper for the made public by the Bureau of Foreign and Domestic Commerce at Washington continue to furnish some very interesting comparisons.

The total exports of paper and manufactured paper for the month showed an increase of more than half a million dollars as compared with September and an increase of approximately one million dollars as compared with October a year ago. The figures for the month amounted to \$4,656,714 as against \$4,118,669 for September and \$3,784,194 for October of the previous year. The total exports of paper for the ten months ending with October amounted to \$35,614,855 as compared with \$31,884,318 for the same period in 1916 and \$17,908,527 in 1915.

The foreign sales of news print paper also showed a considerable increase. The figures for the month amounted to \$1,367,066 as compared with \$1,004,811 for September and but \$327,661 for October a year ago. The foreign sales of news print for the ten months ending with October amounted to \$5,590,654 as against \$3,436,122 in 1916 and \$2,261,054 in 1915.

The export sale of wrapping paper about held its own as compared with former periods. The figures for October amounted to \$341,509 as compared with \$365,692 for September and \$336,214 for October of the preceding year. The exports of wrapping paper for the ten months ending with October amounted to \$2,959,287 as compared with \$3,382,248 for the same period in 1916 and \$1,359,664 in 1915.

The foreign sale of writing paper and envelopes showed a considerable increase both as compared with the preceding month and with October a year ago. The figures amounted to \$354,295 as against \$273,186 for September and \$296,322 for October a year ago. The exports of writing paper and envelopes for the ten months ending with October amounted to \$2,573,591 as compared with \$1,956,457 for the same period in 1916 and \$991,575 in 1915.

The exports of paper board showed a large increase as compared with all the previous periods. The figures for October amounted to \$226,649 as against \$172,519 for September and \$150,675 for October a year ago. The exports of paper boards for the ten months period ending with October amounted to \$1,714,512 as against \$1,651,060 for the same period in 1916 and \$659,602 in 1915.

The imports of paper and manufactures of paper for October just about held their own as compared with September, but showed an increase of about a million dollars as compared with the same month last year. The figures for the month amounted to \$3,491,761 as against \$3,547,498 for September and \$2,485,933 for October a year ago. The imports of paper and manufactures of paper for the ten months ending with October amounted to \$34,199,742 as compared with \$23,198,765 for the same period in 1916 and \$19,865,818 in 1915.

The imports of printing paper valued at not above 5 cents per pound also remained about the same as compared with the month previous, but showed a big increase over the imports for the same month last year. The imports for October amounted to \$2,721,621 as compared with \$2,748,317 for September and \$1,614,178 for October a year ago. The imports of printing paper for the ten months ending with October amounted to \$24,913,566 as compared with \$15,264,807 for the same period in 1916 and \$11,418,164 in 1915.

The imports of mechanical wood pulp as compared with last month showed a slight falling off, but the imports of chemical wood pulp on the other hand showed a big increase. The imports of mechanical pulp for the month amounted to \$526,049 as compared with \$698,821 for September while the imports of chemical pulp amounted to \$2,186,701 as compared with \$1,666,327 for September.

The imports of mechanical pulp for the ten months ending with October amounted to \$6,880,702 as compared with \$3,228,162 for the same period in 1916 and \$1,940,241 in 1915. The imports of chemical pulp for the ten months ending with October amounted to \$26,654,118 as compared with \$11,527,640 for the same period in 1916 and \$8,975,016 in 1915.

### Patriotic Action

The American Paper & Pulp Association has made some timely modifications in the usual plans for its dinner in connection with the annual convention to be held February 4 to 7, at the Waldorf-Astoria in New York. It was announced some time ago that because of the eventful times through which the country is passing, the attractive souvenirs which heretofore have always been a pleasant surprise of the annual banquet of the association would be omitted this year and the money devoted to some suitable war charity. It is now announced that in view of the conditions prevailing in this country and as a matter of patriotism in line with the general spirit of conservation, no liquor will be served at the banquet this year. It is understood also, in line with this general idea, that the banquet will be conducted altogether along the lines of food conservation suggested by the government officials, though the function because of this reason will not be less worth attending than it has been in years past.

The thoughtfulness of the committee in making these changes in the arrangements for the banquet is to be commended. They will be certain to appeal to the patriotism of the members of the association and will not tend to make the dinner a less noteworthy feature of the annual convention than usual.

### To Form New Dye Trade Association

American dyestuff manufacturers and dealers, said to represent an invested capital of \$200,000,000, gathered in convention Tuesday at the Chemists' Club, New York, to form a national association of the color interests of the country to see that Germany never again regains her pre-war dominance in dyes in the markets of the United States.

An element of patriotism was injected when a resolution was formally adopted which provided that any trade organization formed should be rigidly restricted, as to membership, to American citizens operating plants in this country, financed with American capital. This action was taken in view of the expressed belief that without this restriction German manufacturers might,

after the war, seek membership in the association, and through insidious propaganda nullify the efforts of the association to make the American industry self-sustaining and independent.

The convention was called at the suggestion of H. Gardner McKerrow, of E. F. Drew & Co., Inc., 50 Broad street. Frank Hemingway, who operates dyestuff plants at Bound Brook, N. J., presided.

Benjamin M. Kaye, an attorney and a specialist in commercial organization work, urged manufacturers and dealers to form an association at once, as the dyestuffs industry needed organization to meet German competition after the war. In this connection it was brought out at the meeting that, whereas there are more than 100 aniline manufacturing firms in this country without organization, Germany, the dominant color factor of the world, had only six large firms and seven smaller concerns engaged in turning out dyes. This, it was said, illustrated the concentration obtaining in the German color industry.

The question arose whether both American manufacturers and dealers should be included in the new association. It was found that the manufacturers present predominated two to one as against the dealers. A committee of manufacturers and one representing the dealers were formed and will make recommendations looking to the settlement of the status of the two elements in the trade in the new organization. A committee on organization also was named, which is expected to outline specific plans for the new national association.

Bradford Webster, an attorney, who has specialized in trade arbitration, told of the advantages to be derived in having a Board of Arbitration in the dyestuffs industry. Dr. E. W. Pierce, of the United States Conditioning and Testing Company, spoke of the difficulty of standardizing colors. A. E. Parker discussed patent laws as they related to the dyestuffs industry.

### May Curtail Manufacture of Wall Paper

During the course of his testimony last week before the Senate Committee on Military Affairs Daniel Willard, chairman of the War Industries Board of the Council of National Defense spoke of the curtailment of production of wall paper.

Mr. Willard stated that this had been thought of so that the remainder of the plant could be converted into supplying something that the government might need. Speaking on the subject of curtailment, Mr. Willard pointed out that he could not deal with the individuals, but that he had to deal with the industry. No one manufacturer, he pointed out, would wish to curtail his production, and let his competitor go ahead full steam. The question of the curtailment of the manufacture of wall paper is evidently a live one from the remarks made to the committee by Mr. Willard.

## EDWIN BUTTERWORTH & CO.

MANCHESTER, ENGLAND

Packers of all kinds of

**PAPER STOCK, COTTON WASTE AND GUNNY BAGGING, BUFFALO SIZING, Etc.**

83

Sole Agents HAFSLUND

**BLEACHED SULPHITE PULP — BEAR BRAND**

Office in New York

JAMES PIRNIE, Manager, VANDERBILT BUILDING, 132 NASSAU ST.  
Branch Offices at Boston: 160 Congress St.—CHARLES H. WOOD, Mgr.

### "WATERBURY"



ORISKANY, N. Y.

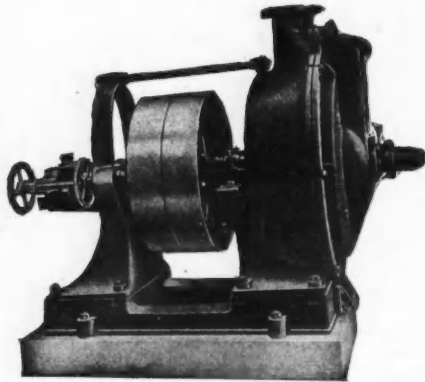
**OUR TIGHT FITTING, DIAMOND "W" JACKETS**  
WILL NOT LICK UP AT ANY SPEED

**1869** {MADE ONLY AND} **1917**  
{GUARANTEED BY}

H. WATERBURY AND SONS COMPANY, ORISKANY, N. Y.



THE ORIGINAL AND STILL UNEQUALLED  
**PULP REFINER**



700 Now In Use

For simplicity and capacity no other compares with it.

**PULP SAVER  
 PROFIT MAKER**

This refiner enables you to refine your tailings into No. 1 Pulp instead of wasting them or making them into a cheaper No. 2 grade Pulp.

Can be used to equally as good advantage for refining tailings and knots in sulphite mills.  
 Two sizes—stones 39½" and 59".

**J. M. VOITH CO. Inc.**  
 200 FIFTH AVENUE NEW YORK

WE BUILD ALL MACHINERY REQUIRED FOR PAPER, PULP AND SULPHITE MILLS

**HAMMERMILL  
 BOND**

**HAMMERMILL  
 COVER**

**HAMMERMILL  
 LEDGER**

**HAMMERMILL  
 SAFETY**

**HAMMERMILL PAPER CO.**  
 ERIE, PENNSYLVANIA

EASTERN OFFICE

291 BROADWAY

NEW YORK CITY

# CALENDERS

FURNISHED COMPLETE, WITH ELECTRIC MOTOR LIFT,  
HYDRAULIC LIFT OR RATCHET LIFT,  
ALL OPERATED FROM FLOOR.  
*Grinding Machines for Rolls of all sizes.*



**Lobdell Car Wheel Co.**  
Wilmington, Del., U. S. A.

# The Heller & Merz Co.

New York. Works: Newark, N. J.

Branches: Chicago Philadelphia Boston

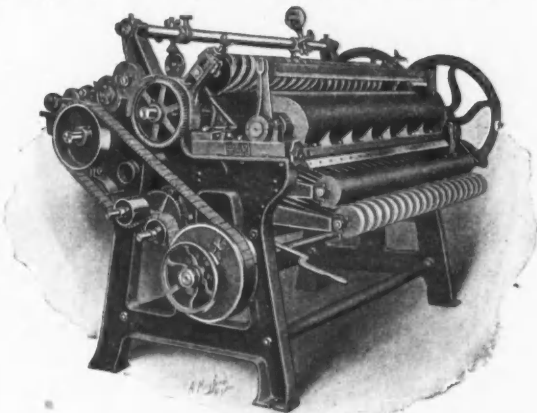
We can furnish all

## AVAILABLE COLORS

to advantage.

# Paper Cutters

Single, Duplex and Diagonal



Cutter Knives : Patent Top Slitters

**HAMBLET MACHINE CO.**  
Lawrence, Mass.

"SAFETY FIRST"

"MADE RIGHT IN AMERICA"

## "NATIONAL ROPE DUPLEX"

made especially for wrapping Book Papers, etc., is the strongest Water-proof Case Lining Paper in the world. Made in either sheets or rolls. Send for samples.

**NATIONAL WATERPROOFING COMPANY,**  
1054-1056 Drexel Building, Philadelphia, Penna.

# "DRAPER" FELTS

*For Any Grade of Paper or Pulp*

**ARE GUARANTEED**

*To Give Entire Satisfaction*

MANUFACTURED BY

**DRAPER BROS. CO., CANTON, MASS.**

# NOV. PRODUCTION AND SHIPMENTS OF NEWS PRINT

Total Production in the U. S. During the Month Amounted to 85,436 Tons Against Total Shipments During the Month of 81,107 Tons—Total Production in Canada During the Month Amounted to 50,830 Tons Against Total Shipments During the Month of 55,256 Tons—Total Production in U. S. and Canada for Month 136,266 Tons—Total Shipments for Month 136,363 Tons

R. T. Houk, Jr., of the News-Print Service Bureau, has sent to members of that organization the following report regarding the production and shipment of news print during the month of November:

"In order to keep your records continuous, I enclose herewith a report of production, shipments and stocks of news print paper on hand for the month of November, 1917. The delay in pub-

lishing this report was occasioned by the withholding of the figures of some of the manufacturers pending the outcome of the negotiations between the Government and the manufacturers. Most of the statistics necessary to the publication of the December report are in our hands, and we hope to issue the accumulated report very shortly.

"November reached the lowest point of this year."

## PRODUCTION AND SHIPMENT REPORT FOR MONTH OF NOVEMBER.

UNITED STATES MILLS										
PRODUCTION										
	Days	Companies Reporting	Maximum in Tons		Actual in Tons		Per Cent. of Maximum	SHIPMENTS		Total Stocks on Hand at All Points
			Per Month	Per Day	Per Month	Per Day		Total Tons During Month	Per Cent. of Maximum	
1916—Whole Year	310	31	1,198,110	3,865	1,068,415	3,447	89.1	1,099,885	91.8	31,300
1916—November	26	31	99,996	3,846	88,231	3,394	88.2	92,408	92.4	33,872
1917—January	27	25	89,802	3,326	84,995	3,148	94.6	87,445	97.3	28,508
1917—February	24	25	79,824	3,326	75,249	3,135	94.2	73,166	91.6	30,718
1917—Two Months	51	..	169,626	3,326	160,244	3,142	94.4	160,611	94.6	..
1917—March	27	25	89,802	3,326	86,045	3,187	95.8	84,579	94.1	32,261
1917—Three Months	78	..	259,428	3,326	246,289	3,158	94.9	245,190	94.5	..
1917—April	25	25	83,150	3,326	80,774	3,231	97.1	85,493	102.8	27,649
1917—Four Months	103	..	342,578	3,326	327,063	3,175	95.4	330,683	96.5	..
1917—May	27	25	89,802	3,326	91,233	3,379	101.5	85,333	95.0	33,595
1917—Five Months	130	..	432,380	3,326	418,296	3,218	96.7	416,016	96.2	..
1917—June	26	25	86,476	3,326	86,522	3,328	100.0	85,798	99.2	35,067
1917—Six Months	156	..	518,856	3,326	504,818	3,236	97.2	501,814	96.7	..
1917—July	25	25	83,150	3,326	81,279	3,251	97.7	83,034	99.8	36,193
1917—Seven Months	181	..	602,006	3,326	586,097	3,238	97.3	584,848	97.1	..
1917—August	27	24	88,722	3,286	88,500	3,278	99.7	87,119	98.1	38,327
1917—Eight Months	208	..	690,728	3,321	674,594	3,243	97.6	671,967	97.2	..
1917—September	24	24	78,864	3,286	78,680	3,276	99.7	82,466	104.5	34,528
1917—Nine Months	232	..	769,592	3,317	753,277	3,246	97.8	754,433	98.0	..
1917—October	27	24	88,722	3,286	79,752	2,953	89.8	86,560	97.5	32,230
1917—Ten Months	259	..	858,314	3,314	833,029	3,216	97.0	840,993	98.0	..
1917—November	26	24	85,436	3,286	75,209	2,894	88.1	81,107	94.9	28,232
1917—Eleven Months	285	..	943,750	3,311	908,238	3,187	96.2	922,100	97.8	..

CANADIAN MILLS.										
1916—Whole Year	309	12	556,213	1,800	532,251	1,722	95.6	542,564	97.5	18,134
1916—November	26	12	48,386	1,861	47,511	1,827	98.1	52,687	108.8	19,352
1917—January	26	12	48,802	1,877	47,669	1,833	97.6	51,851	106.2	14,363
1917—February	24	13	46,248	1,927	44,330	1,847	95.8	41,537	89.8	17,592
1917—Two Months	50	..	95,050	1,901	91,999	1,840	96.7	93,388	98.2	..
1917—March	27	13	52,029	1,927	48,904	1,811	93.9	50,387	96.8	16,137
1917—Three Months	77	..	147,079	1,910	140,903	1,830	95.8	143,775	97.7	..
1917—April	25	13	49,425	1,977	48,069	1,920	97.1	53,546	108.3	8,807
1917—Five Months	129	..	249,883	1,937	242,463	1,880	97.0	250,415	100.2	9,290
1917—June	26	13	51,402	1,977	49,960	1,922	97.1	49,032	95.3	10,268
1917—Six Months	155	..	301,285	1,944	292,423	1,887	97.0	299,447	99.3	..
1917—July	25	13	49,425	1,977	48,670	1,947	98.4	48,535	98.1	10,448
1917—Seven Months	180	..	350,710	1,953	341,093	1,894	96.9	347,982	98.9	..
1917—August	27	12	52,785	1,955	52,303	1,937	99.0	50,540	95.7	12,259
1917—Eight Months	207	..	403,495	1,949	393,396	1,900	97.4	398,522	98.7	..
1917—September	24	12	46,920	1,955	47,998	2,000	102.2	45,909	97.8	14,383
1917—Nine Months	231	..	450,415	1,949	441,394	1,910	97.9	444,431	98.6	..
1917—October	27	12	52,785	1,955	50,867	1,885	96.3	47,160	89.3	17,984
1917—Ten Months	258	..	503,200	1,950	492,261	1,908	97.8	491,591	97.7	..
1917—November	26	12	50,830	1,955	49,906	1,921	98.2	55,256	108.7	12,358
1917—Eleven Months	284	..	554,030	1,951	542,167	1,909	97.9	546,847	98.7	..

UNITED STATES AND CANADIAN MILLS.										
1916—Whole Year	..	..	1,754,323	5,665	1,600,666	5,169	91.2	1,642,449	93.6	49,434
1916—November	..	43	148,382	5,707	135,742	5,221	91.4	145,095	97.7	53,224
1917—January	..	37	138,604	5,203	132,664	4,981	95.7	139,296	100.4	42,871
1917—February	..	38	126,072	5,253	119,579	4,982	94.8	114,703	90.9	48,310
1917—Two Months	..	..	264,676	5,227	252,243	4,982	95.3	253,999	95.9	..
1917—March	..	38	141,831	5,253	134,949	4,998	95.1	134,966	95.1	48,398
1917—Three Months	..	..	406,507	5,236	387,192	4,988	95.2	388,965	95.6	..
1917—April	..	38	132,575	5,303	128,783	5,151	97.1	139,039	104.8	36,456
1917—Four Months	..	..	539,082	5,253	515,975	5,027	95.7	528,004	97.9	..
1917—May	..	38	143,181	5,303	144,784	5,162	101.1	138,427	96.6	42,885
1917—Five Months	..	..	682,263	5,263	660,759	5,098	96.8	666,431	97.6	..
1917—June	..	38	137,878	5,303	136,481	5,250	98.9	134,830	97.7	45,321
1917—Six Months	..	..	820,141	5,270	797,240	5,123	97.2	801,261	97.6	..
1917—July	..	38	132,575	5,303	129,949	5,198	98.0	131,569	99.2	46,641
1917—Seven Months	..	..	952,716	5,279	927,188	5,132	97.3	932,830	97.9	..
1917—August	..	36	141,507	5,241	140,805	5,215	99.5	137,659	97.8	50,586
1917—Eight Months	..	..	1,094,223	5,270	1,067,993	5,143	97.6	1,070,489	97.8	..
1917—September	..	36	125,784	5,241	126,678	5,278	100.7	128,375	102.0	48,911
1917—Nine Months	..	..	1,220,007	5,266	1,194,671	5,156	97.9	1,198,864	98.2	..
1917—October	..	36	141,507	5,241	130,619	4,838	92.3	133,720	94.4	50,214
1917—Ten Months	..	..	1,361,514	5,264	1,325,290	5,124	97.3	1,332,584	97.9	..
1917—November	..	36	136,266	5,241	125,115	4,812	91.8	136,363	100.0	40,590
1917—Eleven Months	..	..	1,497,780	5,274	1,450,405	5,107	96.8	1,468,947	98.0	..



Don't tie up on a long contract for

**ENGLISH CLAY**

when you can get a better product at home.

Our clays contain less water and less grit than the foreign kind.

Test and Buy

**CM — EW — KLM**  
Brands

WASHED  
**CLAY**

**MINED AND REFINED  
IN AMERICA**

**MINER EDGAR COMPANY**

Exclusive Agents  
52-62 WARREN STREET  
BROOKLYN  
N. Y.

Buy from us and be assured of

**PROMPT  
SHIPMENTS**

Your calendar is your shipping schedule.

A large reserve stock always on hand

Manufactured by  
**EDGAR BROS. CO.**



**EAGLE KNIFE and BAR WORKS**

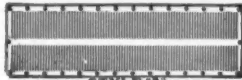
John W. Bolton & Sons, Inc.

**HIGH GRADE**

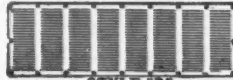
**Knives, Bars. Plates and Jordan Fillings**

OF EVERY DESCRIPTION

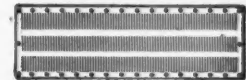
**HIGH GRADE STEEL PRODUCTS FOR USE IN PAPER MILLS  
LAWRENCE, MASS.**



STYLE "A"



STYLE "B"



STYLE "C"

**SCREEN PLATES**

For Flat and Rotary Centrifugal Screens. Made of Hardy Bronze, Rolled Brass and Copper. Grooved or beveled for any kind of fasteners.



Acid-Resisting

Bronze Castings

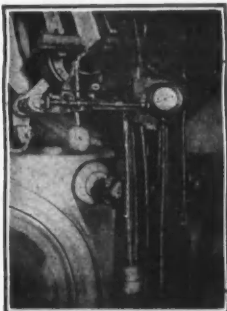
Hardy Bronze Screws

Suction Plates

Babbitt Metal

Old Plates Recut to Accurate Gauge

**WM. A. HARDY & SONS COMPANY :: Fitchburg, Mass., U. S. A.**



**We Will Prove To Your  
Satisfaction That  
PICKLES DRYING REGULATOR**

will give you higher finished papers—remove the irregularities of your present drying system—maintain a uniform moisture at all times. It will cost you nothing if it fails to prove our claims. Write for list of users and complete information.

**W. F. PICKLES, Buckland, Conn.**

### Col. Westnedge Making Enviably Record

The Kalamazoo paper-making fraternity is exceedingly proud of the record that is being made by Col. Joseph B. Westnedge, colonel of the 126th Infantry at Camp MacArthur, Waco, Tex., and former superintendent of the Western Board & Paper Company. Colonel Joe is making good with a vengeance and is counted as one of the really capable officers in the army today. If the war continues he is expected to earn deserved promotion and honors.

Speaking of his labors and ability, a staff correspondent of the Grand Rapids Press recently wrote:

"Kalamazoo's paper-making industry must have its share of



COL. JOSEPH B. WESTNEDGE.

credit for placing of Michigan's crack 126th Infantry Regiment in capable hands. Fighting Joe Westnedge hails from the Celery City's paper mills, where he laughed at obstacles and hard knocks and rose to a high executive position. And in the National Guard of his home state he has fought his way from enlisted man to the right to wear the coveted eagles on his shoulder straps and the command of the regiment that, next to his own immediate family, has been his first love for more than twenty years.

"Colonel Joe, as he is affectionately known by both enlisted men and officers of his command, is no silk-shirt soldier. He bears with parades because he is soldier enough to recognize the disciplinary value of such institutions. His one idea is to perfect his command as an efficient fighting unit, and he has hammered this doctrine so persistently that it seems inbred in the regiment down to the very cooks. The 126th Michigan Infantry is a working and fighting command. It has the regimental spirit and this is reflected in the thoroughness with which it does everything, from digging trenches to the working out of the most intricate problems of modern military strategy.

"Colonel Westnedge plays no favorites. More than once within the last few weeks company commanders have pleaded with the colonel not to promote some non-commissioned officer who was in line for a commission, but whose value to the company seemed out of all proportion to his value as a second lieutenant. Colonel Joe is a stern disciplinarian. When the recruits from Camp Custer arrived, he wasted little time in gentle persuasion. He dealt harshly and promptly. The examples had immediate effect. And it is characteristic of the man that he holds nothing against the man who, once shown the error of his way, demonstrates his determination to be a good soldier. Those who know the colonel

best have little hesitancy in predicting that he will win fame once the Michigan guardsmen get into action. He is big and broad and strong and amazingly active for a man of his size. His hair is black and his complexion, under the Texas sun, is like an Indian's. His eyes are saved by a merry twinkle that takes the edge from the sharp tongue, but they are not the kind of eyes that look well through the sights of a service pistol or rifle, and when the face hardens the eyes are cold as steel.

"This is the type of man some 3,700 Michigan boys will be fortunate enough to serve under in France. He is the type who will not send them where he dare not go himself; who will guard and protect them to the last degree and expect the supreme sacrifice from them if occasion warrants. And, knowing him, the boys never will disappoint. Fighting Joe and his boys of the famous old Michigan 126th are destined to add new luster to the fame of Wolverine fighting men."

### Guy E. Tripp Made Ordnance Executive

Guy E. Tripp, of New York, heretofore chairman of the Westinghouse Electric and Manufacturing Company, has been appointed by the War Department as Chief of the Production Division of the Ordnance Department, intrusted with the task of supervising and stimulating the production of all ordnance supplies.

The appointment of Mr. Tripp is one of the important steps in the re-organization of the Ordnance Bureau, announced recently by its chief, General Crozier.

Mr. Tripp was selected because of his experience in the manufacture of munitions of all kinds, the Westinghouse Company having obtained large contracts from the British and Russian Governments immediately on the outbreak of the European War. Mr. Tripp is credited with bringing to the Department the highest obtainable type of experience and ability to insure speedy and careful production of munitions. The Board of Directors of the Westinghouse Company has given him a leave of absence for the duration of the war.

### Resolutions on Death of Mr. Flemings

At a meeting of the Boston Paper Trade Association the following resolutions were adopted upon the death of Frederick J. Flemings as follows:

*Whereas*, in the removal by death of Mr. Flemings from our organization, the Boston Paper Trade Association has lost one of its highly esteemed members, a man who was respected by all with whom he was associated.

*Be it therefore resolved*, that his death be regarded as a very keen loss to our association, that he will be kindly remembered by all its members and that we dedicate a page in our records to his memory.

*Resolved*, that the secretary send a copy of these resolutions to Mrs. Flemings and express our sincere sympathy.

BOSTON PAPER TRADE ASSOCIATION,  
John A. Andrew, Secretary.

### Otter River Board Co. Has Prosperous Year

OTTER RIVER, Mass., January 14, 1918.—The Otter River Board Company held its annual meeting at the Hotel Bancroft, Worcester, Mass., today.

The present officers were re-elected: J. P. O'Brien, president and treasurer; James H. O'Brien, assistant treasurer; H. B. Hazleton, secretary.

Last year was a very prosperous year for the firm as it declared a dividend of 30 per cent.

Lockwood's Directory of the Paper, Stationery and Allied Trades, which has just been issued, contains an unusually large number of revisions.

# BROWN COMPANY

FORMERLY  
Berlin Mills Company  
Burgess Sulphite Fibre Company

GENERAL  
OFFICE  
PORTLAND,  
MAINE  
U.S.A.



NEW YORK  
OFFICE  
233 B'WAY.  
MILLS AT  
BERLIN, N.H.

**Daily Capacity 600 Air Dry Tons Highest  
Grade Bleached Sulphite**



## Ramsey Patent Grinder Valve

This illustration is of the Ramsey Patent  
Grinder Valve of which we are the sole manu-  
facturers. This valve is made for use either

with single pressure on the cylinder or where two pressures are desired on the  
cylinder. It is a piston valve of such construction that it can be kept perfectly  
tight with comparatively no expense.

**BAKER MANUFACTURING CORPORATION**  
Formerly **BAKER & SHEVLIN CO.** Saratoga Springs, N. Y.  
Sole Manufacturers

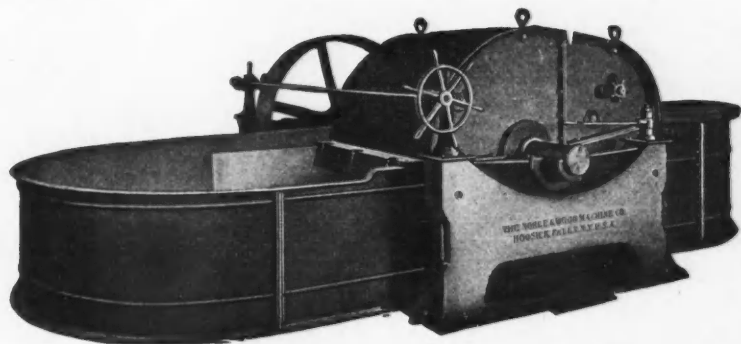
- Beating Engines
- Washing Engines
- Mixing Engines
- Breaking Engines
- Cooking Engines

Wood or Iron Tubs; adapted  
to every paper mill condition

**Jordan Engines—**  
(5 Sizes)

**Board Machines**

Stuff Chests, Dusters, Pumps, Etc., Etc.



**The Noble & Wood Machine Co., Hoosick Falls, N. Y.**



PAPER AND PAPER STOCK IMPORTS AND EXPORTS OF THE UNITED STATES

For the Month Ending October 31, 1917, and for the Nine Months Ending October 31, 1917, as Compared with Corresponding Months of Three Previous Years.

IMPORTS—PAPER.

PAPER AND MANUFACTURES OF.	October				Ten Months Ended October 31							
	1916.		1917.		1915.		1916.		1917.		1917.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Books and other Printed Matter... { Free Dut.		\$224,015 138,466		\$217,766 119,362		\$2,115,682 1,284,536		\$2,741,367 1,218,508		\$2,740,877 1,206,877		
Lithographic Labels and Prints (except Post Cards).....Dut.		37,772		17,823		541,638		370,873		292,491		
Paper Hangings.....Dut.		15,898		11,838		342,176		287,268		290,960		
Photographic.....Dut.		87,212		63,580		1,023,559		591,996		585,046		
PRINTING PAPERS FOR BOOKS AND NEWS- PAPERS—												
Valued at not above 5 cents per pound, lbs.—Free	77,123,648	1,614,178	95,331,278	2,721,621	502,367,424	11,418,164	786,028,603	15,264,807	908,878,208	24,013,586		
All other.....lbs.—Dut.	33,375	10,816	17,213	4,654	2,073,968	134,736	1,042,860	102,277	334,003	60,604		
Souvenir Post Cards.....Dut.		2,302		4,061		60,294		18,642		48,065		
Surface-coated.....lbs.—Dut.		45,353		14,437		233,913		110,659		459,187		79,744
Wrapping.....lbs.—Dut.		377,323		412,530		564,481		5,978,976		6,009,817		414,647
All other.....{ Free Dut.		12,326		12,469		30,947		82,296		124,763		
		\$17,331		\$294,978		\$2,115,892		\$2,188,588		\$3,500,402		
Total Paper, and Manufactures of.....		\$2,485,933		\$3,491,761		\$19,865,818		\$23,198,765		\$34,199,742		

CRUDE PAPER STOCK.

Rags, other than Woolen.....lbs.—Free	2,597,324	\$51,199	3,415,323	\$85,568	61,874,906	\$1,024,141	38,938,312	\$848,154	36,777,138	\$902,143
All other kinds of paper stock.....Free		273,205		234,508		2,197,407		3,180,533		3,903,778
Total.....		\$324,404		\$320,076		\$321,548		\$4,028,687		\$4,805,919

WOOD PULP.

Mechanically ground.....tons..Free	22,566	\$484,666	16,105	\$326,049	117,886	\$1,940,241	176,726	\$3,228,162	213,568	\$6,880,702
Imported from—										
Canada.....	22,328	\$479,903	15,005	\$497,066	117,611	\$1,931,869	176,368	\$3,221,020	193,751	\$6,234,688
Other countries.....	238	4,763	1,040	23,993	275	8,372	358	7,142	19,817	646,014
Chemical—										
Unbleached.....tons..Free					234,702	\$8,975,016	120,575	\$5,255,297		
Sulphate.....tons..Free	8,139	\$446,830	9,196	\$880,607			35,230	1,874,051	81,901	\$3,813,686
Sulphite.....tons..Free	22,477	1,487,361	16,267	1,306,094			79,529	4,308,292	200,086	17,840,432
Total.....tons	30,616	\$1,934,191	25,463	\$2,186,701	234,702	\$8,975,016	236,304	\$11,527,640	281,087	\$26,654,119
Imported from—										
Norway.....	700	\$39,638	890	\$56,963	21,803	\$853,954	7,615	\$380,812	7,311	\$743,496
Sweden.....	14,855	994,222	3,370	276,407	104,679	3,776,822	23,963	4,016,958	115,731	10,746,285
Canada.....	15,061	900,331	20,433	1,702,914	92,071	3,676,575	143,746	7,079,408	157,251	14,986,778
Other countries.....			1,270	150,427			1,020	50,467		177,579
Bleached.....tons..Free					54,669	\$2,836,335	26,146	\$1,506,034		
Sulphate.....tons..Free	55	\$4,628					3,700	284,669	1,790	\$188,206
Sulphite.....tons..Free	3,254	212,584	1,118	\$158,563			10,190	628,560	34,640	4,270,023
Total.....tons	3,309	\$217,212	1,118	\$158,563	54,669	\$2,836,335	40,086	\$2,419,293	36,430	\$4,458,234
Imported from—										
Norway.....	1,565	\$102,248	141	\$20,544	28,785	\$1,554,613	24,188	\$1,384,419	14,399	\$1,872,164
Sweden.....	1,120	67,637			13,334	635,830	9,097	544,607	11,429	1,234,695
Canada.....	624	47,329	952	133,007	7,424	398,622	6,719	483,142	9,706	1,190,933
Other countries.....			25	5,012	4,876	261,289	82	7,125	896	110,442

CHEMICALS AND OTHER PAPER MAKERS' MATERIALS.

Colors or Dyes.....Dut.		\$426,802		\$345,407		\$3,012,281		\$3,609,900		\$2,163,923
Imported from—										
Germany.....		\$857				\$2,229,612		\$154,054		\$4,497
Switzerland.....		378,446		\$128,276		521,094		1,396,777		1,561,190
United Kingdom.....		35,244		39,328		140,399		361,010		447,904
Other countries.....		12,755		77,803		121,176		1,790,059		150,331
Alizarin and alizarin dyes.....lbs.. { Free Dut.	2,248	\$3,059	2	\$3	3,124,962	\$825,845	42,651	\$67,036	15,789	\$54,619
Indigo, natural and synthetic.....lbs..Free					5,843,965	2,583,532	3,050	3,050		
Natural.....lbs..Dut.	34,092	80,370	241,530	458,025			6,085,319			
Synthetic.....lbs..Dut.			199,863	115,321			85,896		1,098,331	3,819,132
Lactarene, or Casein.....lbs..Free	765,513	106,423	816,646	121,400	6,152,283	396,296	11,130,630	1,382,213	11,357,508	1,732,285
Lime, Chlor. of.....lbs..Dut.					7,079,076	89,028	1,604,936	52,622	4,000	140
Magnesite, calcined, not purified.....lbs..Free	78,401	2,480	894,641	21,759	51,063,071	357,632	13,709,595	144,726	4,574,918	145,850
Potash, Hydrate of.....lbs..Free			3,600	1,125	2,036,142	100,180	37,345	10,849	60,597	25,957
Sulphur or Brimstone, crude.....tons..Free	2,931	48,907	40	2,301	21,349	348,459	21,396	361,042	873	17,532
China clay or kaolin.....tons..Dut.	13,789	82,453	17,087	103,622	147,058	900,875	214,214	1,269,695	198,300	1,215,850

(Continued on page 44)

### Your Own Mechanic Can Erect This Tower

The Caldwell Tubular Tower is not only strong and durable. It is so simple in construction that any mechanic can erect it.

The Caldwell Tubular has safely weathered cyclones and tornadoes when other cumbersome structures have collapsed. The reason is because it is built by engineers according to engineering principles.

Such a well known manufacturer as the Thomas B. Jeffery Co., Kenosha, Wisconsin, used the Caldwell Tubular. See illustration.

Send for Catalogue

**W. E. CALDWELL CO.**  
INCORPORATED

Louisville, Ky.  
2040 Brook St.



*Caldwell*  
TANKS  
AND  
TOWERS

## Stuebing LIFT TRUCKS

"THE CHOICE OF THE GREATEST INDUSTRIES"



### Cut Handling Costs

One man does the work of five—with a STUEBING LIFT TRUCK. Get the benefit of the experience of Whittaker Paper Co., Franklin Board & Paper Co., Mead Pulp & Paper Co., The Winton Co., and others who have adopted the "Stuebing." Let us prove why you should have a Stuebing. Free trial in your own plant.

The Stuebing Truck Co  
CINCINNATI  
OHIO

Domestic & Export  
**PAPER**  
Fred C. Strype  
320 Broadway  
New York City  
Correspondence Solicited

## Starch

Paper manufacturers generally recognize the value of starch in the manufacture and coating of paper.

To obtain definite results in any desired direction in the preparation of paper, not merely a difference of grade, but a difference of kind or variety of starch is required.

Our carefully controlled and thoroughly standardized processes enable us to produce exactly the various starches which the paper industry has found economical and efficient.

Corn Products Refining Company  
17 Battery Place New York

## Starch

PAPER AND PAPER STOCK IMPORTS AND EXPORTS OF THE UNITED STATES

(Continued from page 42)

PAPER AND MANUFACTURES OF.	October				Ten Months Ended October 31					
	1916.		1917.		1915.		1916.		1917.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Rough .....	24,240	\$145,567	22,280	\$184,278	243,068	\$1,411,904	166,496	\$950,909	154,693	\$1,335,200
Peeled .....	38,846	262,741	62,132	618,125	488,661	3,063,121	678,386	4,346,764	673,720	4,460,723
Rosced .....	15,933	124,790	18,257	209,627	151,745	1,199,291	133,896	1,054,982	127,722	1,328,005
<b>Total Pulp Woods.....</b>	<b>79,019</b>	<b>\$533,098</b>	<b>102,669</b>	<b>\$1,012,030</b>	<b>883,474</b>	<b>\$5,672,316</b>	<b>978,778</b>	<b>\$6,382,744</b>	<b>886,335</b>	<b>\$7,123,928</b>

EXPORTS—PAPER.

Bags .....		\$104,040		\$65,652		\$392,983		\$749,079		\$675,379
Books, Music, Maps, Engravings, Etchings, Photographs and Other Printed Matter..		833,737		1,130,965		6,576,970		8,331,850		8,606,719
Boxes and Cartons .....		98,069		95,931		349,349		725,451		898,445
Carbon Paper .....		41,895		28,442		340,246		477,172		426,839
Cash-register and adding-machine paper..				10,781						31,949
Paper Board, Strawboard, etc. ....		150,675		226,649		659,602		1,651,060		1,714,512
Paper Hangings .....		40,128		41,025		223,611		414,773		391,167
Playing Cards .....		30,492		51,386		298,120		366,989		280,576
<b>PRINTING PAPER—</b>										
News Print .....	10,209,870	\$327,661	30,729,567	\$1,367,066	92,173,925	\$2,261,050	130,009,113	\$3,436,122	140,290,229	\$5,590,654
<b>Exported to—</b>										
United Kingdom .....	1,395,099	\$36,467	2,587,918	\$172,072	10,756,120	\$262,609	8,566,624	\$322,965	4,206,875	\$228,174
Canada .....	157,568	6,430	15,753	638	676,892	13,372	1,084,172	36,171	590,383	24,876
Mexico .....	683,388	29,838	49,617	2,343	3,232,230	96,722	4,363,777	164,977	10,234,864	462,304
Cuba .....	941,741	28,025	1,906,493	74,886	11,426,193	264,045	13,822,911	364,921	12,802,088	470,437
Argentina .....	2,364,619	64,114	7,077,496	310,169	31,211,301	755,696	37,956,816	905,317	34,362,750	1,238,513
Chile .....	606,322	17,989	2,867,076	117,276	1,673,735	39,626	6,085,964	179,064	10,606,569	386,343
Other South America .....	1,556,792	57,378	2,467,672	109,438	12,397,965	320,262	15,996,863	409,574	27,194,766	1,153,827
Australia .....	218,574	9,693	3,549,173	166,231	14,136,322	344,575	13,511,042	301,936	12,007,453	492,806
Other countries .....	2,285,767	77,777	10,096,359	415,023	6,663,147	164,143	28,680,954	781,177	28,354,581	1,133,075
<b>All other .....</b>	<b>14,332,696</b>	<b>\$1,094,680</b>	<b>5,381,949</b>	<b>\$497,783</b>	<b>31,620,828</b>	<b>\$1,608,881</b>	<b>97,080,528</b>	<b>\$6,136,219</b>	<b>77,000,202</b>	<b>\$6,703,457</b>
<b>Exported to—</b>										
United Kingdom .....	845,280	\$46,895	151,412	\$15,059	2,625,837	\$166,326	10,253,393	\$518,244	3,768,801	\$269,825
Canada .....	499,188	44,176	1,040,058	91,192	3,708,001	332,998	5,595,952	405,103	7,222,882	675,454
Mexico .....	2,347,704	184,737	21,421	1,622	1,999,087	116,536	6,243,996	486,608	3,526,003	311,233
Cuba .....	1,706,177	138,618	466,482	47,130	6,429,890	304,061	12,253,242	760,166	7,797,412	675,731
Argentina .....	1,972,658	171,787	360,303	45,380	3,361,982	169,245	14,054,056	965,823	6,187,153	782,878
Brazil .....	969,296	79,056	371,276	36,972	1,562,890	62,149	6,673,698	462,233	11,109,136	1,006,484
Chile .....	1,162,954	66,272	132,345	12,543	1,188,849	52,863	4,352,121	238,372	5,899,927	546,218
Other South America .....	853,284	72,472	399,355	29,075	1,624,195	77,867	4,791,026	316,873	7,341,451	634,399
Japan .....	100,790	12,861	364,038	30,719	1,908,233	92,648	4,350,094	246,934	3,838,003	222,353
Australia .....	1,400,482	83,738	1,344,832	115,027	3,085,102	137,892	13,034,487	741,371	6,669,575	632,511
Other countries .....	2,444,883	194,128	704,407	70,764	4,006,012	194,336	15,461,963	994,492	10,589,254	905,821
Tissue and Toilet Paper .....				869,519						\$210,163
Towels and Napkins .....				6,875						27,990
Wax Paper .....				7,470						33,824
Wrapping Paper .....	6,494,052	\$336,214	4,075,049	341,939	30,047,384	\$1,339,604	72,040,367	\$3,382,248	39,546,459	2,969,287
Writing Paper and Envelopes .....		296,322		354,295		991,575		1,966,457		2,573,591
All other .....		421,283		361,946		2,840,517		4,346,868		4,161,513
<b>Total Paper and Manufactures of.....</b>		<b>\$3,784,194</b>		<b>\$4,656,714</b>		<b>\$17,968,527</b>		<b>\$31,884,318</b>		<b>\$35,614,855</b>

WOOD PULP AND PAPER STOCK.

Wood Pulp .....	2,499	\$189,182	2,774	\$281,678	9,657	\$416,764	32,848	\$1,900,938	23,063	\$2,244,106
Paper stock, rags and other.....	1,362,104	28,993	4,085,313	69,813	16,457,511	271,585	20,792,225	432,098	26,287,156	617,099

MISCELLANEOUS ITEMS.

Rosin .....	145,555	\$967,583	122,573	\$901,507	1,179,373	\$5,440,487	1,636,232	\$9,943,136	1,246,635	\$6,469,822
<b>Exported to—</b>										
Italy .....	8,280	\$58,470	1,500	\$14,000	101,016	\$433,337	74,601	\$425,947	38,054	\$231,802
Netherlands .....					27,827	115,497	4,654	27,694		
Norway .....	464	2,638			59,848	226,142	96,343	520,538	3,530	21,622
Russia in Europe .....	6,000	38,295			10,850	62,617	135,605	763,083		
Sweden .....	1,420	9,358			45,069	197,640	31,518	156,069	1,964	18,451
United Kingdom .....	73,332	481,399	51,801	394,440	469,822	1,868,088	630,365	3,766,725	527,265	3,591,501
Canada .....	17,214	107,375	6,434	43,014	72,549	351,782	118,115	713,869	134,097	877,207
Cuba .....	2,416	15,939	2,757	19,784	23,258	100,256	24,861	148,045	26,733	165,773
Argentina .....	7,148	49,500	17,973	127,380	116,926	508,364	86,346	540,541	153,586	1,045,144
Brazil .....	7,560	48,832	5,623	40,806	99,524	652,718	134,081	800,100	113,164	763,373
Uruguay .....				15,226	23,349	119,825	20,799	119,264	24,328	196,862
Dutch East Indies .....					8,359	46,013	25,583	151,294	33,841	248,944
Japan .....	4,869	35,788	11,519	90,075	37,232	206,676	79,913	573,345	60,885	461,270
Australia .....	1,425	9,407	12,698	93,669	31,797	175,479	21,459	131,271	54,224	334,163
Other countries .....	15,487	110,562	10,084	63,173	51,947	316,083	154,059	1,075,471	74,964	498,511
<b>Paper and Pulp-Mill Machinery.....</b>		<b>\$286,158</b>		<b>\$160,661</b>		<b>\$747,691</b>		<b>\$893,171</b>		<b>\$1,641,330</b>
Sulphur or Brimstone .....	29,851	618,822	12,785	307,946	21,478	423,680	100,078	1,988,140	121,672	2,664,663
Dyes and Dyestuffs .....		738,726				2,082,398		6,004,214		7,153,699
Sulphuric Acid .....	3,466,818	83,465	4,492,200	66,705	72,024,592	872,691	57,386,036	1,715,450	53,487,786	812,667



**EFFICIENCY ENGINEERING BY EFFICIENT ENGINEERS**

**FREDERICK L. SMITH**

5 Beekman Street, New York

**PULP AND PAPER MILL ENGINEER**

**HARDY S. FERGUSON**

CONSULTING ENGINEER

MEMBER AM. SOC. C. E.  
" AM. SOC. M. E.  
" CAN. SOC. C. E.

200 FIFTH AVENUE, NEW YORK CITY

PAPER, PULP AND FIBRE MILLS, INCLUDING BUILDING AND COMPLETE MECHANICAL EQUIPMENT. WATER POWER DEVELOPMENT, DAMS, STORAGE RESERVOIRS AND OTHER HYDRAULIC STRUCTURES.	EXAMINATIONS. REPORTS. ESTIMATES OF COST. DESIGNS. SPECIFICATIONS. VALUATIONS.
---	---

**PAUL C. ZÜHLKE**

320 BROADWAY

Export

NEW YORK CITY

**IF WOODMANSHIP COUNTS**

hire us to do your timber  
estimating and surveying.

**JAMES W. SEWALL** Old Town, Maine

**THOMAS L. TOMLINES**

CONSULTING ENGINEER

ASSOC. M. AM. SOC. C. E.; M. AM. SOC. M. E. Paper, Pulp and Fibre Mills, Hy- draulic Developments, Hydro- Electric Plants CONSULTATION AND REPORTS	317-319 CITY BANK BLDG., SYRACUSE, N. Y. Steam Power Plants, Plans and Specifications, Efficiency Engi- neering
---	---

**IMPROVEMENTS**

Prove them on a small scale before in-  
corporating untried processes in your pro-  
duction. Our Experimental Paper Mill  
offers you an economical and positive means  
of testing new operations.

**ARTHUR D. LITTLE, Inc.**

Chemists and Engineers

30 CHARLES RIVER ROAD

At Kendall Square

Cambridge, Mass.

**GEORGE F. HARDY**

M. AM. SOC. C. E.  
M. AM. SOC. M. E.  
M. CAN. SOC. C. E.

*Mill Architect and Consulting Engineer*

**SPECIALTY:**

Paper, Pulp and Fibre Mills  
Water Power Developments  
Steam Power Plants  
Plans and Specifications  
Evaluations, Reports  
Consultation

*Langdon Building*

*309 Broadway, New York*

Cable Address:

"Hardistock,"  
A. B. C. 5th Edition,  
Bedford McNeill,  
Western Union.

**JOSEPH H. WALLACE & CO.**

Consulting

Industrial Engineers

Temple Court Building  
New York

New Birks Building  
Montreal

**VITALE & ROTHERY**

FOREST ENGINEERS

527 Fifth Avenue

New York, N. Y.

**TIMBER ESTIMATES**

require the personal attention of an experienced man.  
I don't send out a cruiser. I go myself.

**DONALD E. LAUDERBURN, Forest Engineer**  
158 Fifth Avenue NEW YORK

**P. B. SADTLER  
SODA & SULPHATE**

PULP MILL  
ENGINEERING

53 W. JACKSON BLVD. CHICAGO

**FOURDRINIER WIRES**

*In All Widths Up To And Including 250 Inches*

**CYLINDER FACES**

*And*

**WASHER WIRES**

*In Brass, Bronze And Phosphor Bronze*

**THE W. S. TYLER COMPANY**

CLEVELAND, OHIO

*Also Manufacturers of*

*TYLER "Double Crimped" Wire Cloth and Mining Screen*

# Want and For Sale Advertisements

## HELP WANTED

**WANTED**—Machine tenders on cylinder and fourdrinier machines running specialties, three tours. Only capable and reliable men need apply. Give age, references, experience and wages expected. Address District of Columbia Paper Mfg. Co., Washington, D. C.

**WANTED**—Experienced beatermen in mill making colored specialties. Applicants must be capable men of good character. Give age, references, experience and wages expected. Address District of Columbia Paper Mfg. Co., Washington, D. C.

**MAN WANTED AS BOOKKEEPER AND COST ACCOUNTANT** in two machine mill. Send copies of references, state experience and salary desired. Address Box 977, care Paper Trade Journal.

**WANTED**—Two machine tenders, two back tenders and three finishers in board mill in East. Address Box 978, care Paper Trade Journal.

**HELP WANTED**—Wanted capable machinist, experienced in running and adjusting automatic bag machines for position in Canada. Reply stating age, experience and salary expected. Address Box 979, care Paper Trade Journal.

**WANTED**—Machine tender for board mill in large city. Six cylinder machine. Three tours of eight hours. Good wages. Apply with references to Box 980, care Paper Trade Journal.

**WANTED**—A competent beater engineer in a large book mill running on three shifts. State experience and give references. Address Box 981, care Paper Trade Journal.

**WANTED AT ONCE**—One machine tender, one back tender, one third hand, for slow running three cylinder machine. Two tours. Mill located near one of the large eastern cities. Good wages to the right man. Address The Nixon & Costello Co., White Hall, Md.

**WOOD PULP SALESMAN REQUIRED.** Must be familiar with foreign and domestic qualities. Selling experience essential. Address Box 982, care Paper Trade Journal.

**MASTER MECHANIC WANTED** to take charge large paper and pulp mill. High salary paid to right man. Enclose references stating experience to Box 984, care Paper Trade Journal.

**HELP WANTED**—Machine tender with at least three years' experience on straw paper for corrugating. High wages and steady work. Address Box 914, care Paper Trade Journal.

**WANTED**—Night foreman, experienced in manufacture of straw paper for corrugating. Good wages and opportunity for advancement. Address Box 915, care Paper Trade Journal.

**WANTED**—For new sulphite mill Green Bay Barker operators, electricians, cooks, machine tenders. Highest wages, comfortable quarters. Apply to Box 966, care Paper Trade Journal.

**STOREKEEPER FOR LARGE PULP MILL WANTED IMMEDIATELY.** Give full details experience. Apply to Box 967, care Paper Trade Journal.

## FOR SALE:—

One 136" Horne Fourdrinier  
One 92" Dillon Single Cutter  
One 124" Black-Clawson Cutter  
and one thousand other items  
for Paper Makers. Address:

**The Shartle Brothers Machine Company**  
Middletown, Ohio.

## HELP WANTED

**WANTED**—Young man with engineering education. Work in drafting room on paper mill machinery, with opportunity for advancement as traveling salesman. Address Dilts Machine Works, Inc., Fulton, New York.

**WANTED BACK TENDERS**—Manila and water finish 136" machine. Four-fifty-days; five-thirty-nights. 112" machine. Three - eighty - five - days; four - fifty - five-nights. Address Box 968, care Paper Trade Journal.

**WANTED**—9 machine tenders, 6 beatermen for roofing paper mill in middle west. Three tours. State experience and wages wanted. Address Box 969, care Paper Trade Journal.

**WANTED**—A high class man to take charge of machine room and beater room in paper mill. Man with experience on specialties preferred. Address Box 970, care Paper Trade Journal.

**WANTED AN EXPERIENCED SUPER CALENDER MAN.** Address Curtis & Brother, Inc., Newark, Delaware.

**WANTED**—A beaterman in board mill located in central west. Must be sober man and well versed in colors. We pay the best wages and expect the best men. Address Box 963, care Paper Trade Journal.

**WANTED**—Two first class beater men for board mill in central west. Highest wages paid. Must be live wires and able to handle men and produce results. Address Box 946, care Paper Trade Journal.

**WANTED**—General mechanic for two machine tissue mill. Also two Harper machine tenders, must be sober and steady. Mill operating on eight hour shift. Address Box 948, care Paper Trade Journal.

**WANTED**—First class millwright for paper mill. Must be reliable, steady work, good salary. Address Box 950, care Paper Trade Journal.

**WANTED**—First class man in finishing department for tying up paper. Must be sober and steady, good wages for steady man. Mill located near large city. Address Box 951, care Paper Trade Journal.

**WANTED**—Competent engineer and draughtsman to act as assistant to resident engineer in large paper mill in west. Must have knowledge of paper industry, building construction, surveying and hydraulic work. Canadian citizen exempt under military service act preferred. Address Box 956, care Paper Trade Journal.

**SALESMAN**—The largest wrapping paper and twine jobbers in Chicago want the biggest man open for the job. Must be acquainted with the trade. Salary or commission. Address Box 927, care Paper Trade Journal.

**WANTED**—One harper machine tender, one beaterman and two back tenders for light weight specialties in eastern mill. Good wages to steady and sober men. None other need apply. References required. Address Box 941, care Paper Trade Journal.

**WANTED**—Coating machine men, good opportunity and steady employment for the right men. Apply Ware Coated Paper Co., Ware, Mass.

**WE REQUIRE THE SERVICES OF AGENTS** to interview newspapers for the sale of our new American Stereotype tissue, the best practical American paper made. May be handled as a side line or direct. Will give exclusive territory. Write for particulars. Address Whitfield Paper Works, 33 Sullivan street, New York.

**WANTED**—Competent machine tender on light-weight manila tissue. Good pay, eight hours. Address Box 776, Paper Trade Journal.

**POSITION OPEN FOR GOOD SOBER MACHINE TENDER AND BACK TENDER** in writing mill, located in good city in middle west. Address Box 719, care Paper Trade Journal.

(Continued on page 47.)

## FOR SALE

**PAPER MACHINE**—1 90" Tissue Paper Machine, 10 dryers 36" x 84," calenders, reel, Marshall Drive.

**WET MACHINES**—2 48" Wet Machines for board. **PAPER CUTTERS**—1 112" Horne 44", 41" Finlay, 76" Hamblet.

**RAG CUTTERS**—1 Taylor Heavy Type Rag Cutter, triplex bed knife. **REAM CUTTERS**—1 48" Acme; 76", 38", 48" Cranston, 55" Seybold, 42" Sheridan.

**BOARD CALENDERS**—1 45" Farrel Board Calender, 65" Downingtown. **SUPER CALENDERS**—1 84" and 1 60" Stack Super Calenders.

**PRESSES**—6 Hydraulic Presses, 1 Boomer & Boschert Screw Press.

**JORDANS**—4 Jordan Refining Engines.

**FANS**—5 48" Perkins, 1 7" Horizontal.

**PUMPS**—1 9" x 12" Gould's Triplex, several triplex stuff and suction pumps; 2 triplex Hydraulic Pumps.

**SLITTERS**—1 50" Black & Clawson, 74" slitter and winder, 110" Kidder; 40" Kidder.

2 Shredders.

2 7' x 25' Rotary Boilers.

2 Kollergangs with stones.

2 Centrifugal, 2 Wandel Screens.

1 76" x 14 1/2" Millspaugh Suction Roll.

1 Filter Press.

4 Water Wheels.

1 Lombard Governor.

12 Three Pocket Grinders.

2 Trombley & Paul Sulphur Burners.

## FRANK H. DAVIS

175 Richdale Ave., Cambridge, B Branch, Mass.

## FOR SALE

**BEATERS**—40x36" with iron tub, 17' long, two 65x54, one 42x42, one 48x48, 4 Classins. New Umpherstons.

**CALENDERS**—Five roll 48", 9 roll 63", 1 and 3 roll 72", 3 roll 80", 9 roll 80", 9 roll 84", 7 roll 86". Four roll friction.

**COATER**—One 43" double Waldron coater.

**CUTTER**—100" Finlay, 72" Dillon, 68" Black & Clawson, 84" Moore & White, 48" Holyoke. One T & S rag cutter. Several ream cutters.

**CYLINDER MOULDS**—Two moulds 30" dia., 78" face.

**DRIVES**—One Moore & White No. 9 A.

**DRYERS**—26 new shells 36" dia., 124" face; 5 new shells 36" x 76"; also three 36 x 36 with frames, etc.; four 28 x 62" all ready to set up. Lot of odd dryers.

**DUSTERS**—One 6 bowl Holyoke revolving, also two railroad dusters.

**JORDANS**—Emerson & Horne type Jordans.

**MACHINES**—One 72", 2 cylinder machine.

**PUMPS**—One triplex self-contained suction pump, one 1,000 gal. Worthington, tank pump 10 x 16 x 18 Knowles, fifteen fan pumps. New stock pumps, single and duplex.

**ROTARIES**—About ten horizontal rotaries; three Globe rotaries.

**SCREEN**—One Wandel screen.

Also a lot of other machines which have not yet been listed. Write us for anything you want.

Lot of new split pulleys, sprocket chains, cone pulleys. Some new wooden pulleys with friction clutches.

## Mills Machine Company

LAWRENCE, MASS.

(Continued from page 46.)

**SITUATIONS WANTED**

**POSITION WANTED** by first class machine tender on fourdrinier or cylinder. Married man, steady and reliable. Can furnish the best of references. Address Box 985, care Paper Trade Journal.

**BEATERMAN WISHES TO MAKE A CHANGE** from his present position. Experience on all grades of box, pulp and test boards. Married, steady and sober. Can furnish good references. Address Box 986, care Paper Trade Journal.

**SUPERINTENDENT NOW EMPLOYED WISHES TO MAKE A CHANGE.** 25 years' experience making boards, ledgers, writings and colored specialties. 7 years as superintendent. Good references. Address Box 987, care Paper Trade Journal.

**FIRST CLASS CYLINDER MACHINE TENDER WANTS POSITION.** First class on all kinds boards, test and container boards. Can give best references. Address Box 993, care Paper Trade Journal.

**CYLINDER MACHINE TENDER WISHES TO MAKE A CHANGE.** Thoroughly practical on all grades of tissues, light weight manilas, towel and crepe papers. Can furnish references. Address Box 988, care Paper Trade Journal.

**WANTED—Position as traffic manager.** Fifteen years' experience on all kinds of freight, also export and import work. Address Box 989, care Paper Trade Journal.

**SULPHITE MAN.**—Thoroughly competent and absolutely reliable. Wide experience, well educated, young and aggressive, married. In important position with large mill. Require good salary. Address Box 990, care Paper Trade Journal.

**A YOUNG SULPHATE PULP SUPERINTENDENT** wishes to make a change. Technically educated, with 8 years' good practical mill experience. Married. Address Box 991, care Paper Trade Journal.

**MACHINE TENDER WANTS POSITION.** Well up on all grades of tissue and all kinds of tissue machines. Experienced day man, steady and reliable. Address Box 992, care Paper Trade Journal.

**WANTED A POSITION AS MACHINE TENDER OR BACK TENDER** in news or writing mill, with fourteen years' experience in paper making. Age thirty-two years, married with family. Address Box 993, care Paper Trade Journal.

**FIRST CLASS MECHANICAL MAN** with wide experience in maintenance and construction work in paper and pulp mills, desires responsible position in large paper or pulp plant. Best references. Address Box 972, care Paper Trade Journal.

**PAPER MAKER WITH TECHNICAL AND CHEMICAL TRAINING** and wide experience in the manufacture of writing, bond, manifold, onion skin, greaseproof, tissue and other specialties desires position. Has also some experience in coating, creping and water color printing. Address Box 973, care Paper Trade Journal.

**COMPETENT, STEADY AND RELIABLE FOREMAN** would like to change position. First class experience in finishing and calender room, including all machinery and thoroughly understand the upkeep of same. Know how to get best results from help, both raw stock and coated papers. Would consider position any part or full charge. Address Box 974, care Paper Trade Journal.

**SUPERINTENDENT, experienced sulphite pulp and coarse paper maker** wants position. Thorough practical and some technical training, mechanical ability. Married. A 1 references. Address Box 975, care Paper Trade Journal.

**SUPERINTENDENT DESIRES TO MAKE A CHANGE.** Experience on all grades of paper. Results guaranteed up to date. Practical man. Address Box 976, care Paper Trade Journal.

**SUPERINTENDENT WHO HAS 25 YEARS' EXPERIENCE** in running mills making book, news, kraft, all grades of manilas, rope stock, tissue, waxing papers, greaseproof and colored papers on cylinder, fourdrinier, harper, combination and clutch tissue machines. Can give references and records. Address Box 983, care Paper Trade Journal.

**SITUATIONS WANTED**

**WANTED POSITION AS MILLWRIGHT** by competent, sober, steady man with several years' experience in charge of repairs. Good references. Address Box 959, care Paper Trade Journal.

**POSITION WANTED AS DAY OR NIGHT SUPERINTENDENT OR ASSISTANT** by practical paper maker with 13 years' experience on bonds, writing, ledger, tissue, waxing, parchments, onion skins and french folio offset paper, book and news, print and wrappings. Very best of references can be had. Address Box 960, care Paper Trade Journal.

**AN EXPERIENCED BOSS MACHINE TENDER OR NIGHT BOSS OPEN FOR POSITION.** Well used to straw and test container boards and coloring. Address Box 936, care Paper Trade Journal.

**SUPERINTENDENT OPEN FOR POSITION** January 10. Well used to all grades of box boards and specialties. Good on repair work and getting mills to their fullest capacity. Address Box 937, care Paper Trade Journal.

**MANUFACTURERS OF BOX BOARDS** desirous of the services of a competent up to date superintendent of high grade box boards, should communicate with Box 882, care Paper Trade Journal.

**MISCELLANEOUS**

**WANTED—Embossing calender—Skytogen** pattern. State condition and price. Address Box 994, care Paper Trade Journal.

**WANTED—One fourdrinier or Harper part,** 63 inches to 72 inches wide, for forty to fifty foot wire complete. One pair cone step pulleys and bearings with seven or eight steps, steps wide enough to carry 8-inch belt. One 6" x 8" three plunger stock pump. One Sheehan paper carrier (Bagley & Sewall). One top frame and rail complete with rolls and roller carriers. One dryer felt stretch. Give full particulars what you could furnish and its condition, on any of the above. Where located, and how soon you could ship. Quote lowest price, cash. Address Box 995, care Paper Trade Journal.

**WANTED—80" to 90" fourdrinier paper machine.** Address Box 996, care Paper Trade Journal.

**WANTED—One second-hand triplex geared** stuff pump, single acting plungers, approximately 6 x 12" or 8 x 12", preferably Gould pump, figure 1123, must be in good operating condition. Address Diamond State Fibre Co., Bridgeport, Montgomery Co., Pennsylvania.

(Continued on page 48.)

**FOR SALE**

One (1) 100 H. P. Woodruff & Beach twin engine, cylinders 20" x 48", 10" shaft, flywheel 16" x 26", 50 R. P. M.

One (1) 40 H. P. (estimated) B. B. Bigelow engine, throttling type, left hand, 3" steam, 4" exhaust, 82" flywheel.

One (1) 50 H. P. boiler, locomotive type with grates, sage glass, try cocks and steam dome (for heating only), 24 years old.

One (1) I. B. Davis triplex power pump, size 8" x 10½". Cipher "Chestnut." 4110 to 19275 gals. per hour.

One (1) Davis triplex pump, size 4½" x 6½". Cipher "Birch," 1608 to 3216 gals. per hour.

One (1) Knowles single cylinder boiler feed pump, capacity 150 gal. per min. 1¼" steam, 1½" exhaust.

One (1) Wheeler condenser, No. 1035 with 5¼" x 8" x 7" pump.

One (1) 24" x 4'-6" steel shell filter with 3-way valve.

One (1) steam engine indicator.

One (1) Davis duplex power pump, size 4½" x 4¾", 396 to 1584 gals. per hour. (In use) long service.

All in excellent condition for use in paper mills.

ADDRESS

**The Allen Manufacturing Co., Inc.**

135 Sheldon St., Hartford, Conn.

**Ready for Immediate Delivery**

4 Slightly used Lockport Bag Machines, making bags from 2 ounces to 35 pounds.

Also an Open End Envelope Machine, ranges from 4x2½ to 8x12, with Flap Gumming Attachment.

Reason for selling. Owners going into other line of business.

Apply Box 997, care Paper Trade Journal.

**FOR SALE**

One Hoffman Imported Kollergang. Two Union Machine Company Kollergangs, both complete with drive shafts.

One 84" Mills Wet Machine. One 1,800-lb. Dayton Globe & Iron Co., Iron Beater, complete except bottoms.

Two J. H. Horne & Sons Company's Jordan Engine.

For information, address  
Kingsport Pulp Corporation,  
Kingsport, Tennessee

**PICKQUICK**

This is IT

The Best

5c  
ROLL  
in the  
U. S.

Write us for samples and prices.  
Salesman Wanted.  
New York

THE H. NORWOOD  
Woolworth Bldg.

**FOR SALE**

**Waldron Calico  
Printing Machine  
Waldron Dutch  
Winding Machine**

Used very little. In good condition. Can be seen running on premises of

**Charles W. Rider & Co.**

104-106 Wooster St.  
NEW YORK CITY



## FIX \$2.85 FOR NEWS PRINT FROM FEBRUARY 1 IN CANADA

(Continued from page 10.)

the scheme, including the purchase of a truck for collecting the paper, the magnificent sum of \$8,033 was turned over to be expended for the soldiers.

The scheme has been in operation in Ottawa now for 2½ years, and there are now several thousand persons who save all their old newspapers, magazines and paper bags. Throughout the city little boxes are located at street corners and people have been co-operating by carrying bundles of paper from their homes and dropping them in the boxes. Where the quantity saved is very large the motor trucks of the "scheffae" call at the homes and take the paper away. An appeal is being made this year for closer co-operation, as owing to a drop in the prices of waste paper it is believed the receipts will decrease unless more people join the band of "savers" and give their paper for this worthy patriotic purpose.

One of the leading papers of the city, the *Journal-Press*, makes a comment on the showing of the scheme, saying: "It is a remarkable showing. Nine-tenths of the old paper would have been pure waste. It would have gone into the stove or furnace, or the garbage heap. Collected by the paper committee, it is sold back to manufacturers, who can utilize it for new paper or other products."

### Shortage of Labor in Canada

A brief review of the activity of pulp, paper and fibre factories in Canada during December appears in the *Labor Gazette* this month. It says that the pulp mills at St. John, N. B., have been operating steadily, while pulp and paper makers were very busy at Newcastle, N. B., though there was a shortage of unskilled labor. At Sherbrooke and Three Rivers, in the Province of Quebec, the pulp and paper mills were running steadily, while considerable overtime was being put in by the employees of the beaverboard factory at Hull owing to heavy orders from Halifax.

The pulp and paper mills at St. Catharine's, Ont., and Hamilton, Ont., roofing paper factories, were very busy. Pulp and paper mills on the Pacific Coast were active, several hundred men being employed on the construction of a new mill on the west coast of Vancouver Island. The paper bag and box industry showed a slight decline following the heavy orders for the Christmas traffic, but it is coming back to normal.

### Shortage of Woodsmen

About fifty per cent. of the normal number of men sent into the woods in previous years are busy taking out pulp wood. There is a shortage of woodsmen.

### Briggs Selling Co. Opens in Pittsburgh

PITTSBURGH, Pa., January 14, 1918.—After spending the past 25 years in the manufacture and distribution of paper and kindred lines, the last 20 of which was with the Hartje Paper Manufacturing Company of Pittsburgh, Pa., and Steubenville, Ohio, as manager and secretary-treasurer, which position he resigned on December 1, 1917, Charles F. Briggs has decided to continue in the same line of business on his own account. He has opened an office at 2112 First National Bank Building, from which the friends and acquaintances he had the pleasure of making during that time, may have the benefit of the experience and knowledge gained by Mr. Briggs, by offering them the product of some of the largest and most representative manufacturers of paper, paper bags, twines and allied lines of merchandise.

A specialty will be made of car lots and for the present at least, most shipments will be made direct from the producer to the dealer. Mr. Briggs will conduct his business under the style of the Briggs Selling Company.

(Continued from page 47.)

### MISCELLANEOUS

**WANTED**—Second hand layboy in good condition to fit a 55" Clark sheet cutter. Address Box 961, care Paper Trade Journal.

**FOR SALE**—One No. 11 Reeves Drive. Has been running 110" six cylinder boxboard machine. Also one Chandler-Taylor variable speed engine. For full particulars address Colin Gardner Paper Co., Middletown, Ohio.

**FOR SALE**—Two 36" Langston slitters, including about 35 knives apiece, clutch, shafting and pulley. \$450.00 each f. o. b. Utica. First class condition, having been used three years. Address L. M. Miller Paper Co., 819 Hamilton St., Utica, N. Y.

### POSITION WANTED

by technical and practical trained man as assistant manager or superintendent. Well up on all grades of paper. Member of Technical Association.

Wide experience in foreign mills, also good mill chemist. Married and 35 years old.  
Address, Box 964, care Paper Trade Journal.

### FOR SALE

**NEWSBOARD CUTTINGS.**  
RANGE OF SIZES: From 1" to 5" in width; from 12" to 60" in length.

CALIPER .230 to .330.

Apply to  
Agasote Millboard Co.  
Trenton, N. J.

## Inman Diaphragm Vibrator for Flat Screens

Reduces repair bills, increases output, no mechanical attention except oiling, will outwear any other device on the market.

Patented in U. S. and Canada

**ROGERS MACHINERY AND SALES CO.**

219 Congress Avenue  
PROVIDENCE, R. I.

## PAPER STOCK PACKERS OF ALL GRADES

**Mendelson Bros. Paper Stock Co.**

900 Michigan Blvd.

Chicago, Ill.

When you want quantity and quality and lowest prices, write us.  
Packing Houses and Warehouses, Chicago, Ill.

# Directory

Cards under this heading will be charged for at the rate of \$30 per annum for each card of three lines or less, payable in advance. Each additional line \$10.

### Architects and Engineers.

**CAREY, JAMES L.**, Paper Mill Architect and Engineer, 208 North Laramie Ave., Chicago, Ill.

**CHAPMAN, C. A., Inc.**, Paper Mill Architects and Engineers, 28 Jackson Boulevard E., Chicago, Ill.

**FERGUSON, HARDY S.**, M. Am. Soc. C. E., Consulting Engineer, 209 Fifth Ave., New York.

**HARDY, GEO. F.**, M. Am. Soc. M. E., Consulting Engineer, 309 Broadway, New York.

**SNOW, S. M.**, Mill Architect, Engineer. Paper and Pulp Mills. Steam and Water Power plants. 55 Kilby street, Boston, Mass.

**JOSEPH H. WALLACE & CO.**, Industrial Engineers, Temple Court Building, New York Manufacturing Plants and Power Developments. Reports of Industrial Properties, Appraisals, etc.

### Bale Ties.

**WILSON, H. P. & H. F.**, Manufacturers of Steel Wire Bale Ties, for baling all compressible material. 544 West 22nd Street. New York City.

### Boards.

**MILLER PAPER CO., FRANK F.**, high grade specialties. Boards, East Downtown, Pa.

**Guaranteed Non-Curling Gunned Papers.** IDEAL COATED PAPER CO., Mills and Main Office, Brookfield, Mass.; N. Y. Office 150 Nassau St.; 452 Monadnock Bldg., Chicago.

### Metal Skylights and Ventilators

**WE** manufacture metal skylights and ventilators for paper and pulp mills. **E. VAN NOORDEN CO.**, 944-52 Mass. Avenue, Boston, Mass.

### Patent Attorneys.

**BALDWIN & WRIGHT**, 25 Grant Place, Washington, D. C. Experienced in securing patents on paper machinery.

### Rags, Paper Stock, etc.

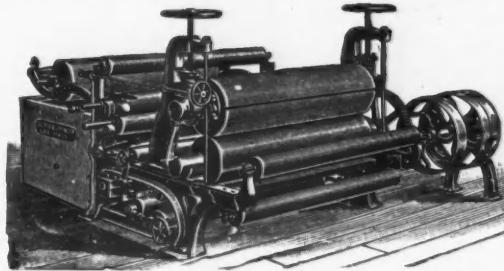
**BERLOWITZ, PAUL**, 132 Nassau Street, New York. Importer of Rags, Bagging, New Cuttings.

# H. C. CLARK & SON MACHINE CO.

Manufacturers of **PAPER MILL MACHINERY**

LEE, MASS.

Revolving Paper Cutters Rag Cutters Cylinder Paper Machines Washing and Beating



Engines  
Chilled Iron and Paper Calenders  
Fan and Stuff Pumps  
Engine Roll Bars and Bed Plates  
Cylinder Molds  
Marshall Drives  
Slitters and Rewinders  
Reels  
Dryers with Improved Packing Boxes  
Wet Machines  
Gun Metal and Rubber Rolls  
Rolls Reground

**BOYLE, LUKE**, 390 West Broadway, New York.

**CHASE & NORTON**, High Grade Shavings and Book Stock a specialty. 277 Water Street, New York.

**FLYNN, MICHAEL**, 54 Columbia Street, Brooklyn, New York

**GOLDSTEIN, R. & SON**, Baltimore, Md. Cotton Rags and Paper Stock

**GRUNDY & SONS, LTD., JAMES**, Chorley, England, supply new and old rags of highest quality for paper makers. Enquiries solicited.

**HILLS, GEO. F.**, 108-112 Cliff Street, New York

**HOFELLER, THEODORE, & CO.**, 206 Scott Street, Buffalo, N. Y., buy Bagging and Burlap Baling from Paper Mills, also Second Hand Bags, Brass Wire, Cloth, Brass Screen Plates, Scrap Brass and Paper Mill Felts.

**JACOB & CO.**, Alexander, Wapping, London, England. Supply all classes Waste Papers and Shavings, Paper Making, Rags, etc. Correspondence Solicited. Paris Office, 3 Cite d'Hauteville.

**LIBMANN, JOSEPH, & CO.**, 174, 176 and 178 Hudson Street New York

The only house in existence which deals **EXCLUSIVELY IN NEW CUTTINGS** of every grade and description.

**LIVERPOOL MARINE STORE CO.**, Liverpool England. L. M. S. Wood Tag, Manila, Rope and Star Brands (Registered).

**MCGUIRE, MICHAEL**, 100 and 102 Tenth Avenue, New York

**ROSENBAUM, INC., L.**, 316 Lafayette St., New York City. Packers exclusively of new cuttings.

**SIMMONS, JOHN, SONS**, Paper and Paper Stock. 28 and 30 South Marshall Street (formerly Decatur Street), Philadelphia, Pa.

### Special Machinery.

**DIETZ MACHINE WORKS**, experienced builders of special machinery with well equipped modern shop, can quote low prices in machine building. Send drawings, 126-128 West Fontaine Street, Philadelphia, Pa.

**SWIFT, GEORGE W., JR.**, Designer and Manufacturer of Special Machinery for Manufacturing and Printing Paper Goods. Bordentown, N. J.

### Straw Pulp.

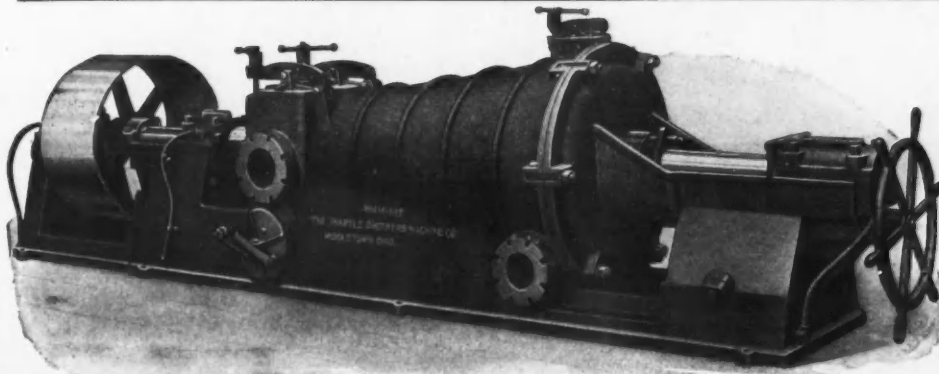
**SCANDINAVIAN-AMERICAN TRADING CO.** Produce Exchange, New York. All other kinds of Pulp.

THE WANT AND FOR SALE  
COLUMNS OF THE  
**PAPER TRADE JOURNAL**  
ARE MESSENGERS OF PROFITS TO  
YOU.  
WHY NOT TRY THEM?

## Job Lots, Rejections, Side Rolls Wanted

SPOT CASH paid for jobs in bond paper, white or colors, any grade that will cut down to 11 x 17, any weight. Send samples, with lowest spot cash prices. No lot too small, and none too large.

MIDWEST PAPER CO., 732 Federal St., Chicago, Ill.



The  
**Shartle Bros.  
Machine Co.**  
Middletown  
Ohio

## New York Market Review

Office of the PAPER TRADE JOURNAL,  
WEDNESDAY, JANUARY 23, 1918.

Rarely has a single week been fraught with such importance as the one just past. The epoch making order of Dr. Harry A. Garfield closed the doors of every mill in the area covered by the regulations with the exceptions made later of certain mills making news print paper.

Beyond a shadow of a doubt the effect of such a precedent establishing situation will be to stiffen the paper market. With the mills idle for that length of time, a large figure of production has ceased to be a factor in the market. Previous to the issuance of the order the market had already begun to stiffen but with the developments of the past week an undoubted impetus will be given to the bull side.

In news there will be a considerable reduction in consumption because of the fact that newspapers will only be allowed on "ten fuelless Mondays" to issue editions on a holiday schedule. It is freely limited among the members of the trade that publishers are feeling or will begin to feel a slump in advertising because of the hesitancy of manufacturers or others to expend money for advertising in times such as the present. By the same token, however, there will be a considerable reduction in the production of news print paper. The year of 1917 showed that there was less production than 1916 and this year, if it is not too early to hazard an opinion and judging from present conditions, will show figures of production substantially less than 1917.

In wrappings there has been a change for the better, although one authority in the trade said that it would be at least two years before the market recovered sufficiently.

In bags the reduction of twenty per cent. on factory shipments made by a prominent concern was modified to ten per cent. This shows in some measure that the market is on its first lap of the upward swing.

Kraft paper is getting stronger, as is kraft pulp. The first grade of kraft is now quoted at 7½c. at the mill by some. No. 2 domestic is held at 6½c.

Manila jute of the first grade is quoted at 10c per pound with the second grade at 9¾c.

Tissues are recovering. White No. 1 is quoted at 80@90c. Kraft tissue is practically nominal.

Fibre papers are quoted as follows: No. 1 5¾c; No. 2 at 5c.

The board market has been feeling the effects of the shut-down and prices have remarkably stiffened. The demand is of fair proportions and with production cut down, the law of demand and supply has forced prices higher.

### Mechanical Pulp

The ground wood market was fairly active. The closing order of Dr. Garfield's put a restriction on the demand. The coal situation with regard to some of the news print mills, although exempt from the operation of the fuel order, has forced a shutdown and the demand from these mills has been cut. Grinding continued in mills with water power.

The price range continues to be \$30@34 per ton, f. o. b. pulp mill. The average is about \$32 for the Eastern Section.

### Chemical Fibres

The demand for kraft pulp has been exceptionally good during the past week. Domestic kraft delivered was quoted at 4.00@4.25c.

On the Canadian side of the market the exchange has been against Canada. The premium rules at Montreal around 1¾ between banks, and customers in search of drafts to cover American bills must pay anywhere from 1¾ to 1¾. This state

of affairs bears hard upon Canadian importers and is of some importance as a factor in the present pulp and paper situation.

Foreign easy bleaching when available rules around 5.50@5.75c with No. 1 unbleached at 5.00@5.50c. Domestic bleached is quoted at 5.25@6.00c with unbleached at 2.75@3.25c.

### Domestic Rags

Shirt cuttings have been in exceptional demand from the mills, making bond papers for the government for the forthcoming issues of the Liberty Loan. As a result they have been hard to obtain and prices have gone rather high.

All new rags have had an exceptional demand for practically the same reason.

It would appear that the rag market is stiffening with a much greater demand in sight.

### Bagging

Bright and gunny bagging are still factors in the demand from the mills.

Scrap burlap is fairly firm although a decreased demand from consuming centers has occurred.

A steady tone is being given to the situation by the difficulty which dealers are having in replacing stock sold.

### Old Rope

Inactivity in demand still characterizes old manila rope and current business is of small proportions. Some dealers are selling their stock at attractive prices to consumers in order to move stock.

### Paper Stock

In spite of the fear of many in the trade that the closing order in the box board industry of two days a week would further demoralize the market in old papers, the results have not been as bad as expected.

The demand continues to be very moderate with the higher grades considerably off and mills buying news largely.

Embargoes and priority orders still work havoc with the delivery of waste stock. Prices are practically as given last week.

### Peerless Paper Products to Build

MENASHA, Wis., January 21, 1918.—At the annual meeting of the Peerless Paper Products Company, manufacturer of toilet paper and paper towels, R. J. Fieweger was elected vice-president and a member of the board of directors to fill the vacancies caused by the death of J. L. Fieweger last August.

A. W. Asmuth was re-elected president, and T. E. McGillan will again fill the offices of secretary, treasurer and general manager.

The new vice-president, R. J. Fieweger, is well known in financial circles throughout the state, and is a worthy successor to his uncle, J. L. Fieweger, who, up to the time of his death, was president of the Bank of Menasha, and secretary and treasurer of the Lakeside Paper Company, being one of the large stockholders and directors of the latter company and one of the gentlemen to whom the credit of making the Lakeside Paper Company a success will always be due.

The new vice-president will keep in close touch with the affairs of the Peerless mill. It was at Mr. Fieweger's suggestion at this meeting that it was decided to enlarge the plant to twice its capacity this coming spring.

Under the able management of Mr. McGillan the success of the Peerless Paper Products Company has been greater than was ever anticipated, and the directors, it is stated, will leave no stone unturned to make its production of toilet paper and paper towels not only the largest in the West, but to better in every possible way the quality, service and general satisfaction which has always been characteristic of Peerless' products in the past.



Market Quotations

NEW YORK

Trade Securities

Bids and asked quotations of securities listed on the Stock Exchange of companies engaged in the manufacture of paper as reported on January 23, 1918, follow:

Table of trade securities including American Writing Paper Company, International Paper Company, and Union Bag and Paper Corporation.

Paper

(These quotations in many cases are nominal, many mills having withdrawn quotations, owing to unusual conditions.)

Extensive table of paper prices for various grades like Bond, Leggers, Writing, News, Book, Tissues, Kraft, Manila, Fibre Papers, Boards, Mechanical Pulp, Chemical Pulp, and Soda Bleached.

Domestic Rags

Table of domestic rags including Shirt Cuttings, Cottons, Khaki and Brown, Blue Overall, Corduroy, Bleached Shoe, Whites, and Thirds and Blues.

Foreign Rags

Table of foreign rags including New White Cuttings, Unbleached Cottons, Light Flannelettes, New Light Siliesias, and various other types.

Bagging

Table of bagging prices for Gunny No. 1, Foreign, Bright Bagging, No. 1 Scrap, Sound Bagging, Mixed Bagging, Wool Tares, and Manila Rope.

Twines

Table of twines including India, Dark, Light, B. C., Italian, Finished Jute, Paper Makers' Twine, and Sial Lath Yarn.

Old Waste Papers

Table of old waste papers including Shavings, Flat Stock, Bogus Wrappers, and News.

CHICAGO

[FROM OUR REGULAR CORRESPONDENT.]

Table of Chicago market prices for Paper, Old Papers, and Manila.

PHILADELPHIA

[FROM OUR REGULAR CORRESPONDENT.]

Table of Philadelphia market prices for Paper, Bagging, and Old Papers.

(Continued on page 56.)

## Imports and Exports of Paper and Paper Stock

NEW YORK, BOSTON, PHILADELPHIA AND OTHER PORTS

FOR THE WEEK ENDING JAN. 22, 1918.

### NEW YORK IMPORTS

FOR THE WEEK ENDING JAN. 22, 1918.

#### SUMMARY.

Cigarette paper ..... 348 cs.  
Miscellaneous paper ..... 82 cs.

#### CIGARETTE PAPER.

American Tobacco Co., Bordeaux, 100 cs.

American Tobacco Co., Bordeaux, 50 cs.  
C. J. Schweitzer, Bordeaux, 20 cs.  
Liggett & Myers Tobacco Co., Bordeaux, 25 cs.  
C. Drucklieb, Bordeaux, 11 cs.  
P. J. Schweitzer, Bordeaux, 100 cs.  
Rose & Frank, Bordeaux, 27 cs.  
Liggett & Myers Tobacco Co., Bordeaux, 15 cs.

#### Paper

E. Fongera, Bordeaux, 82 cs.

### BOSTON IMPORTS

WEEK ENDING JAN. 19, 1918.

#### Paper Stock

J. Spaulding & Sons Co., 74 bs. flax waste.  
E. Butterworth Co., 52 bs. flax waste.  
H. L. Porter, agent, 35 bs. new cuttings.

## BETTER CAR PROVISION NOW BEING MADE FOR CANADA

(Continued from page 20.)

velopment have also been necessary. This company is an important factor in supplying power for pulp and paper mills.

J. E. Aldred, president of the company, on his return from New York a day or two ago, after expressing satisfaction at the successful issue of the company's securities, said it was a tribute to the importance of the company and its financial standing considering the difficulty other concerns had in floating issues. "It is, perhaps, not too well known," he added, "that the operations of the Shawinigan company are of such paramount importance in respect to power resources that today the company occupies first place in the consideration of those industrial factors which require for their successful operation the command of large units of electric energy. We have supplanted Niagara in this respect, and it is a matter not to be overlooked that while in every other part of the country, including the Niagara district, industrial operations have been curtailed through lack of power resources, the district served by the Shawinigan company and its allies is the only outstanding example of a district which—during war times, and especially during the year 1917, when coal conditions were bad—has had a supply of power fully adequate for all purposes. When this is considered, together with the fact that this district has had at its command a greater amount of power per capita than any district in the world, and that the power has been available at lower prices than elsewhere, the importance of the Province of Quebec as an industrial center, both at present and in the future, may be realized." The fact that the Quebec government is now carrying out a policy of building storage dams at the head waters of all streams used for power purposes will have an important bearing on water power development in the immediate future. Montreal is largely supplied from Shawinigan Falls, which lights most of the houses in the city, and runs a large proportion of its manufacturing plants.

#### Brompton Buys American Concerns

The Brompton Pulp & Paper Company, Ltd., has followed the example of the Riordon company by buying two American paper concerns, the Claremont Paper Company, of Claremont, N. H., and Wyman, Flint & Sons Company, of Bellows Falls, Vt. The two companies have been the most important customers of the Brompton for the past ten years, and their acquisition secures for the Canadian company an outlet for its entire surplus of sulphate pulp. At the annual meeting of the shareholders in Montreal, a day or two ago, at which the purchase was ratified, it was stated that the American companies had been acquired on a very reasonable basis, and no new financing would be necessary to complete the transactions. As the earnings of the acquired com-

panies have been good, Brompton will benefit in two ways, from its investment as such and from the market definitely assured for the surplus output of pulp from its own plants. The Claremont Paper Company has an output of 50 tons of kraft paper per day, and is stated to stand at the top of the list in this class of paper. The Wyman Flint & Sons Company has an output of 20 tons of specialties daily.

#### Proves Claim to Logs

A case of importance to mill owners was decided in the Superior Court here this week. Justice Letellier upheld Peter McLean's claim to the proprietorship of a quantity of logs which were held by Joseph Lasalle at Point Fortune. The logs were gathered in from the Ottawa River during a spring thaw, but in face of the plaintiff's claim of ownership the court ordered that Lasalle must accept McLean's offer of \$25 for his work of rescuing the logs and give up their possession. In default, Lasalle will have to pay \$107.80 to McLean as the value of the timber.

#### Howard Smith Paper Mills

The work of converting the Crabtree mill of the Howard Smith Paper Mills from news to fine paper has been delayed owing to difficulties in getting the machinery from the United States, and it will probably be two or three months before the mill is in operation on the new basis.

#### Position of the Wayagamack Co.

One of the financial papers here, in answering a question as to why the Wayagamack Pulp & Paper Company is not paying a dividend, remarks:

"The reason Wayagamack is not paying a dividend is, we are convinced, owing to the fact that the company's position is not yet as 'liquid' as the directors would like to see it. It will be remembered that large capital expenditures on plant have been taken out of earnings, and this naturally has postponed the payment of dividends. The company started with too much 'capital' and too little cash, but the excellent resources of raw material, the sound management and the extraordinary prosperity of the past two years have combined to place the company in a very much stronger position than it was a year ago. Earnings for 1917 will be about the same as in 1916, and prospects for 1918 are very good. We do not look for a dividend this year, though if 1918 bears out today's promise, we submit that the directors take into consideration a small payment in the spring of 1919. That much the patient stockholders are entitled to, and the profits of the three-year period would then justify such a course."

DAILY CAPACITY 300 TONS

# MAIN PAPER STOCK CO., INC.

SPECIAL GRADERS OF PAPER STOCK  
NEW AND OLD COTTON RAGS

*If you have special requirements we can certainly please you.*

Branch, 321 Pearl St.                      25-27-29-31 Peck Slip                      New York City

**MARX MAIER, Inc.**  
200 FIFTH AVENUE                      NEW YORK  
FOREIGN AND DOMESTIC  
New and Old Linen and Cotton Rags  
Jute Stock, Flax and Cotton Waste


**THEODORE HOFELLER & CO.**  
BUFFALO, N. Y.  
Carefully assorted Paper Stock, Rags and New Clippings  
Buyers of  
BRASS WIRE CLOTH, BRASS SCREEN PLATE, SCRAP BRASS,  
PAPER MILL FELT, BAGGING & BURLAP BALING,  
SECOND-HAND BAGS.

**Atterbury Brothers**  
(INCORPORATED)  
Wood Pulp, Rags and Paper Stock  
French Caseine

145 Nassau Street (Potter Building)                      NEW YORK

WILLIAM B. DILLON  
**DILLON & BARNES**  
*Paper Mill Products and Supplies*  
52 VANDERBILT AVENUE                      NEW YORK  
Telephone, 7353 Murray Hill

Don't Guess at Important Matters  
**BOWSER'S** SPEED or MOTION  
INDICATOR  
IS INDISPENSABLE



in obtaining a UNIFORM speed of machinery, and is one of  
the most PROFITABLE little devices ever put in a mill. Will  
pay for itself in 30 days. Dial 12 in. in diam. Weight, 10 lbs.  
The N. P. Bowser Co.,                      South Bend, Ind.

**Salomon Bros. & Co.**  
IMPORTERS OF  
All Grades of Rags and Paper Stock  
299 Broadway, NEW YORK  
Cotton Waste : Linters : Ramie

# AGALITE FILLER

UNITED STATES TALC CO.  
GOUVERNEUR                      NEW YORK

**EXPORT ONLY**                      All Grades of  
PAPER and BOARDS

**A. M. Capen's Sons, Inc.**  
*Established 1870*  
60 Pearl Street, New York City



**E. J. KELLER CO., Inc.**  
E. J. KELLER, Pres.  
200 FIFTH AVE.                      NEW YORK  
Importers and Dealers  
New and Old Cotton and Linen Rags,  
Gunny Bagging, Burlap Bagging,  
Ropes, Flax Waste, Cotton  
Waste, Paper Stock, Wood  
Pulp and Rag Pulp  
Inquiries Solicited

FOREIGN AND DOMESTIC  
Paper Stock  
New Cuttings  
AND  
Rags

**Jute  
Stock,  
Sizing, Sulphite  
and Soda Pulps**

200 FIFTH AVE., NEW YORK

**CASTLE, GOTTHEIL & OVERTON**



## Miscellaneous Markets

Office of the PAPER TRADE JOURNAL,  
WEDNESDAY, JANUARY 23, 1918.

The week past was firm in tone in the market for paper making chemicals with price changes being toward higher levels. Of course, the order to shut off fuel consumption for five days had a very quieting effect, as did the order to regard Monday as a fuelless holiday. Business came almost to a standstill toward the close.

**ALUM.**—Higher prices are being asked by second hands for the various qualities of alum. Some are of the opinion that increased demand foretells a shortage, as manufacturers are unable to materially increase their output because of the present industrial situation. Lump ammonia alum is quoted at 4¼@5c. per pound. Lump potash quality is offered at 9@9½c. per pound. Chrome ammonia sells at 18@19c. per pound. The outside prices are very generally those of the re-sale dealer.

**BLEACHING POWDER.**—Prices seem to be fairly firm at the higher level. Spot prices are 2½@3c. per pound. Manufacturers' prices are about 2½c. per pound, when they are in the market. Small export drums are said to have been offered by second hands on a basis of 3c. per pound for immediate shipment.

**BRIMSTONE.**—Business in the spot market continues to be at a standstill with new business being taken with no great alacrity. Nominal prices are \$35@45 per long ton on spot; new orders range from \$30@35 per long ton, f. o. b. mines.

**CASEIN.**—The demand is said to have improved a trifle over last week. Coating mills, however, are not yet buying as they once bought. Production continues to be extremely light. Prices range from 17@18½c. per pound.

**CAUSTIC SODA.**—A stiffening has occurred in this market because of renewed buying at the low levels reached. Spot sales of second hands considerably deflected the stocks available. The 76-78 per cent. solid caustic is quoted at 6c. per pound.

**CHINA CLAY.**—There has been very little change in the market situation. The demand is considered of good proportions and the belief has been voiced that the Spring of this year will see a much greater volume of business in the domestic product being transacted.

**ROSIN.**—The present non-producing months find a quiet market. Prices have not shown any tendency to change markedly and the trade is of the opinion that the present is the time to purchase.

**SODA ASH.**—More firmness continues to be evident in the market for this product. The light 58 per cent. test in bags brings 2.90c. per pound, with barrel shipments at 3.10c. per pound. The dense product is quoted: 3¼c. per pound in bags; in barrels a half cent higher.

**STARCH.**—For carload lots, freight prepaid to New York City, the following quotations are made per 100 pounds: Globe Pearl starch, in bag, \$5.56; in bbls., \$5.69. Buffalo cornstarch, in bag, \$5.74; in bbls., \$5.87. Globe powdered starch, in bag, \$5.71; in bbls., \$5.87. Eagle finishing starch, in bag, \$5.96. Crystal T. B. starch, No. 90, fluidity (hand packed), in bag, \$6.26; in bbls., \$6.53. Crystal T. B. starch, No. 90, fluidity (machine packed), in bag, \$6.21; in bbls., \$6.38. These prices include the Federal excise tax of 3 per cent.

**SULPHATE OF ALUMINA.**—A fair demand for this product continues with the market rather quiet. The higher grade is quoted at 2¾@3¼c. per pound. Spot supplies are considered of good size. High production costs are factors in a strong level of prices.

**TALC.**—Because of the transportation situation the market in talc continues highly restricted. There seems at present to be little change for the better. A fair demand is current.

### Kalbfleisch Corp. Has Annual Meeting

The annual meeting of the Stockholders of The Kalbfleisch Corporation was held at the general office of the company at 31 Union Square West, New York, on January 16, 1918.

The following directors were re-elected: Franklin H. Kalbfleisch, chairman; Robert S. Perry, A. B. Savage, Richard Sheldrick, Harry L. Derby.

Immediately after the annual meeting the directors met and elected the following officers: Franklin H. Kalbfleisch, chairman; Robert S. Perry, president; A. B. Savage, vice-president and treasurer; Harry L. Derby, vice-president; Richard Sheldrick, secretary.

"WAR-SAVINGS STAMPS mark an epoch in our NATIONAL LIFE."—Secretary McAdoo.

## Market Quotations

(Continued from page 53.)

### BOSTON

[FROM OUR REGULAR CORRESPONDENT.]

Paper		Chip Board (ton)		35.00 @ 40.00	
Bonds	.09 @	Straw Board (ton)	40.00 @	50.00	
Ledgers	.10 @	News Board (ton)	40.00 @	45.00	
Writings—		Wood Pulp Board	70.00 @	77.50	
Superfine	.18 @	<b>Old Papers</b>			
Fine	.15 @	Shavings—			
Fine, No. 2	.10 @	No. 1 Hard White	4.00 @	4.25	
Books, S. & S. C.	.06½ @	No. 1 Soft White	2.75 @	3.00	
Book, M. F.	.06 @	No. 1 Mixed	1.25 @	1.40	
Book, Coated	.08 @	Ledger & Writings	2.50 @	2.75	
Label	.09 @	Solid Books	1.25 @	1.50	
News, Sheets	.05 @ .06	Blanks	1.75 @	2.00	
News, Rolls	.04½ @ .05	No. 2 Books, light	.90 @	1.10	
Manila—		Extra No. 1 Manila	1.75 @	2.00	
No. 1 Manila	.05½ @ .07	No. 1 Manilas	1.50 @	1.75	
No. 1 Fibre	.05½ @ .06½	Folded News (over-			
No. 1 Jute	.10 @	issues)	1.00 @	1.15	
Sulphite, No. 1	.08½ @	Old Newspapers	.75 @	.85	
Kraft Wrappings	.05 @ .07	Mixed Papers	.45 @	.50	
Common Bogus	2.25 @ 2.75	Gunny Bagging	3.75 @	4.00	
		Manila Rope	5.00 @	5.50	

### TORONTO

Paper		Sulphite, news grade		50.00 @ 55.00	
(Mill Prices to Jobbers)		Sulphite, bleached	105.00 @	110.00	
Bond—		Sulphate	80.00 @	85.00	
Sulphite	11½ @	<b>Old Waste Papers</b>			
Light tinted	12½ @	(In carload lots, f. o. b. Toronto)			
Dark tinted	13½ @	Price purely nominal; market dead.			
Ledgers	15 @ .25	Shavings—			
Writings	10 @	White Env. Cut.	3.25 @	—	
News, f. o. b. Mills—		Soft White Book			
Rolls (carloads)	\$2.50 @	Shavings	2.25 @	—	
Rolls (less than		White Blank News	1.50 @	—	
cars)	2.75 @	Book and Ledger—			
Sheets (carloads)	3.25 @	Flat Magazine and			
Sheets (over 2		Book Stock			
tons)	3.50 @	(old)	1.15 @	—	
Sheets (less 2		Light and Crum-			
tons)	4.00 @	pled Book Stock	1.10 @	—	
Book—		Ledgers and Writings	1.65 @	—	
No. 1 M. F. (car-		Solid Ledgers	2.00 @	—	
loads)	9.25 @	Manilas—			
No. 2 M. F. (car-		New Manila Cut.	2.10 @	—	
loads)	7.25 @	Printed Manilas	1.15 @	—	
No. 3 M. F. (car-		Kraft	2.50 @	—	
loads)	7.00 @	News and Scrap—			
No. 1 S. C. (car-		Strictly Overissue	.80 @	—	
loads)	9.50 @	Folded News	.70 @	—	
No. 2 S. C. (car-		No. 1 Mixed Pa-			
loads)	7.50 @	pers	.50 @	—	
No. 1 Coated and		Domestic Rags—			
litho.	12.25 @	Price to mills, f. o. b. Toronto.			
No. 2 Coated and					
litho.	11.25 @				
No. 3 Coated and					
litho.	10.50 @				
Coated and litho.					
colored	12.50 @ 14.50				
Wrapping (car					
lots)	4.25 @ 6.50				
<b>Pulp</b>					
(f. o. b. MILL)					
Ground Wood	\$32.00 @ 37.00				
Sulphite, easy bleach-					
ing	65.00 @ 70.00				

# The Mathieson Alkali Works, Inc.

WORKS AT

SALTVILLE, VIRGINIA, and at  
NIAGARA FALLS, NEW YORK

---

---

## “Eagle-Thistle” Brand BLEACHING POWDER

HIGH TEST

Packed in Steel Drums, air tight, insuring full strength at point of consumption

---

---

## LIQUID CHLORINE

Pure, anhydrous, in improved and convenient packages.

### Soda Ash

48 per cent. and 58 per cent.

### Caustic Soda

60 per cent., 70 per cent., 72 per cent., 74 per cent., 76 per cent.; also 78 per cent. Our 78 per cent. Caustic Soda is an article of greater purity than has ever before been produced in a commercial way, analyzing 99.70 Hydrate of Soda

### Bicarbonate of Soda

Packed in Kegs, Barrels or Bags; also Cases

# Arnold Hoffman & Company, Inc.

SOLE AGENTS

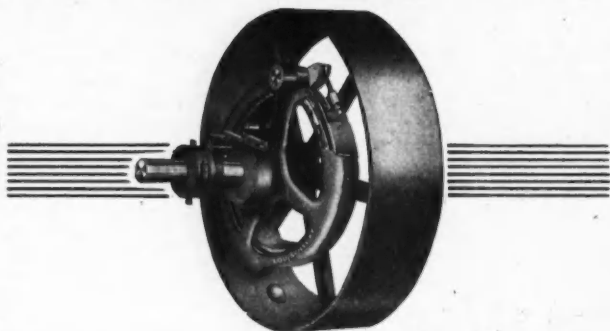
PROVIDENCE: 55 Canal Street    NEW YORK: 61 Broadway    BOSTON: 88 Broad Street  
PHILADELPHIA: Delaware Ave. and Green St.    CHARLOTTE, N. C.



Would you like a screen practically noiseless, a flat plate screen? It is simplicity personified. There are no parts to get out of order; no diaphragms needing replacement.

**Watch!! It Is Out**

We have bought it. \_\_\_\_\_



## Use This Clutch and Avoid Accidents

The Caldwell Friction Clutch is so simple, compact and sturdy in construction, so efficient in doing its work, that it is practically accident-proof. There are only eleven parts, the most important made of steel. One Lever Controls It; One Screw Adjusts It. The brake band grips the entire circumference of the friction ring, resulting in high transmission of power, efficiency and safety.

Send for Catalogue

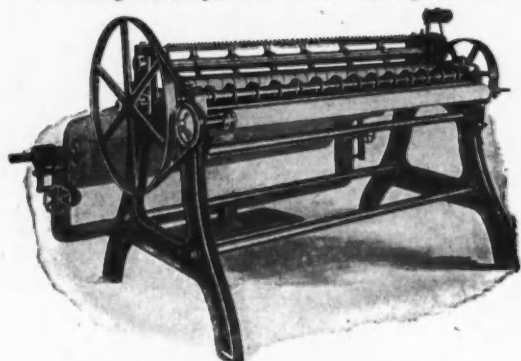
**W. E. CALDWELL CO.**  
INCORPORATED

230 E. Brandeis St., Louisville, Ky.

*Caldwell*  
FRICTION  
CLUTCHES

## The "Dietz" Toilet Paper Machines

For making Toilet Paper Rolls with or without perforations



Self-Adjusting—Easy to Operate  
**WE ALSO MANUFACTURE**

### **AUTOMATIC TUBE MACHINES**

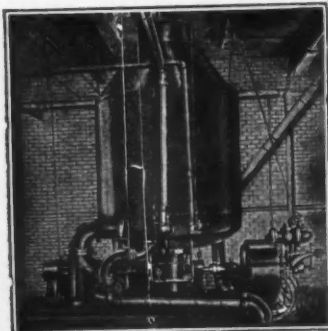
FOR MAKING TUBES FOR TOILET PAPER ROLLS  
CAPABLE OF PRODUCING 3,600 WIRE STITCHED  
TUBES PER HOUR

Also machines for making Sanitary Crepe Paper Towels, Slitting and Rewinding Machines, Drop Roll Slitters, Side and Center Seam Merchandise Envelope Machines, Photo Mount Beveling Machines, Candy Bag Machines, Punch Presses for Playing Cards, Rotary Card Cutting and Collating Machines, Etc. **CORRESPONDENCE SOLICITED.**

### **DIETZ MACHINE WORKS**

126-128 Fountain St., Philadelphia, Pa.

Corner Waterloo St., Below Diamond St., Bet. Front and 2d Sts.



This shows latest model—driven by a steam turbine—the exhaust being used to heat water for next charge.

## **WINESTOCK DE-FIBERING AND DE-INKING PROCESS**

Patented

**Produces Strongest, Brightest and Best Pulp Obtainable from Waste Papers. Not a Mere Say-So, but a Fact.**

It de-fibres and liberates ink and color in one operation. It separates ink and color from fibres, instead of rubbing, grinding or kneading them in—thus shortening the time required for washing, and insuring a brighter pulp. The rapidly moving propeller blades actually "scrub" the fibres during the churning process.

*Correspondence Solicited*

### **CASTLE, GOTTHEIL & OVERTON,**

Sole Selling Agents in the United States

200 Fifth Ave. Building

New York, N. Y.



### PAPER BAG MACHINERY

Flat and Square  
Satchel Bottom

Single and Duplex all Rotary Machines

We guarantee very high production and very low percentage of waste.

Jobbers supplied with Bag Machines anywhere in the United States, any number, part payment down, balance of payment from one to five years, to responsible parties.

We claim to have the fastest machines made.

**LOCKPORT MACHINE CO.,** Wm. Muirhead, Prop.  
Lockport, N. Y.

TORONTO TYPE FOUNDRY CO., 70 York St., Toronto, Canada  
Agents for Canada

CANADIAN-AMERICAN MACHINERY CO., London, England  
Foreign Agents

## KUTTROFF, PICKHARDT & CO.

INCORPORATED

128 Duane Street - - - New York

### COLORS

For

## PAPERMAKERS

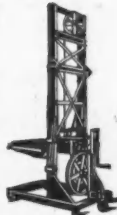
BRANCH OFFICES:

BOSTON - - - - - 86 Federal St.

PROVIDENCE - - - - 52 Exchange Pl.

PHILADELPHIA - - - - 111 Arch St.

CHICAGO - - - - - 305 W. Randolph St.



Thousands of Economy Safety-First Portable Tiering Machines are in use every day—  
they are all saving time, money and space.  
Put one on your pay roll.  
**ECONOMY ENGINEERING CO.**  
419 So. Washtenaw Ave., Chicago.  
Foreign Agents—Brown Portable Elevator Co., Chicago, Ill.




Special Shaped Carbon, Black Diamond POINTS FOR TURNING Paper, Cotton, Oiled Iron and Hardened Steel Calendar Rolls, Hard Rubber, Fibre, etc.

Manufactured by **THOS. L. DICKINSON,** 64 NASSAU STREET, NEW YORK  
Successor to JOHN DICKINSON, Established 1796.  
Agents for Great Britain, C. W. BURTON, GRIFFITHS & CO., Ludgate Square, London.


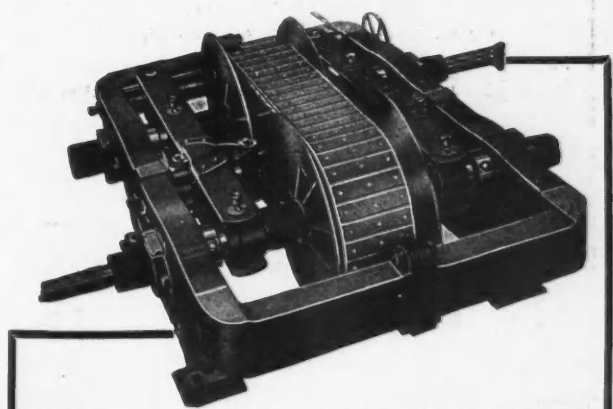
**DO YOU WANT HELP?**

Or have you some machinery you would like to dispose of? Try the JOURNAL'S "Want Pages." They bring prompt returns.



**WASTE HAS BEEN KNOCKING**  
Waste has been knocking at the vitality of the world!  
Millions of dollars that are now daily wasted, can be saved by the more general use of **PARCHMENT** and **WAXED** papers, without affecting the sane progress of the nation.  
But, more important still, **FOOD** may be saved until used up! And food saves lives. Ask us how our product will save your product.

**Kalamazoo Vegetable Parchment Co.**  
Kalamazoo, Michigan.

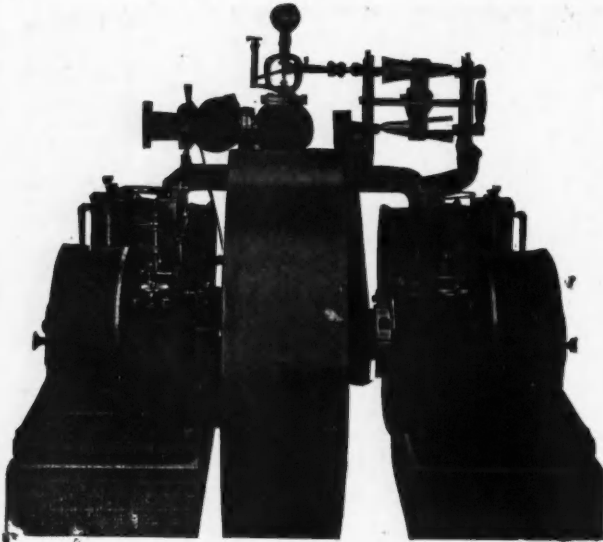
Doubtless when you walk into your office Monday morning, instead of a bright cheerful outlook for the week ahead you have that awful dragging sensation, when you know you haven't been advancing or keeping stride with the ever increasing demand for paper products.

You have that overwhelming expense staring you in the face of adding a new line here and a new line there, and other expensive machineries elsewhere.

But, why add any additional machinery? You can double and sometimes treble the output of your mill without any additional overhead expense by equipping your different machines with

*The Reeves* **VARIABLE SPEED TRANSMISSION**

It's a simple device that will get you any speed at a moment's notice.  
Write for our new general bulletin T-120.  
**Reeves Pulley Company, Columbus, Indiana**  
Chicago Branch: Cor. Clinton and Monroe Sts.



## Are You Getting Maximum Production from Your Paper Machine?

Or do you lose time making speed changes or because of a variable speed drive that lays down on the job every so often.

GET THE MOST OUT OF YOUR  
PAPER MACHINE BY USING A

### Ball Variable Speed Engine

The twist of a handwheel changes the speed to any desired amount—*instantly*.

But the outstanding feature of the Ball Engine is its *dependability*.

We'll be glad to go over the matter with you.

Ask for our *Variable Speed Bulletin*

**Ball Engine Co., Erie, Pa.**

# PULP STONES

of absolutely the finest quality

**LOMBARD & CO.**

Importers and Dealers

236-238 A Street, Boston, Mass.

Branch at Montreal, Canada

## A. Salomon, Inc.

E. SALOMON, Pres.

140 NASSAU STREET NEW YORK

IMPORTERS : EXPORTERS

DEALERS IN

New and Old Cotton and Linen Rags, Gunny Bagging, Burlap Bagging, Rope, Hosiery Clips, Black Cotton Stockings, Cotton and Wool Waste.

**PAPER MAKERS' SUPPLIES**

IMPROVED HIGH SPEED MACHIN-  
ERY TO MAKE

## PAPER BAGS

OF EVERY STYLE OF BOTTOM  
FOR LINED AND UNLINED BAGS

**POTDEVIN MACHINE CO.**

253 36th STREET

BROOKLYN, N. Y.

**Marden  
Orth &  
Hastings  
Corp.**

61 B'way  
New York

Boston  
Chicago  
San Francisco  
Cleveland  
Seattle

ANTI-FOAM

OILS

# NIGROSINE

Water and Spirit Soluble

COLORS  
CHEMICALS

# COLLINS MANUFACTURING COMPANY

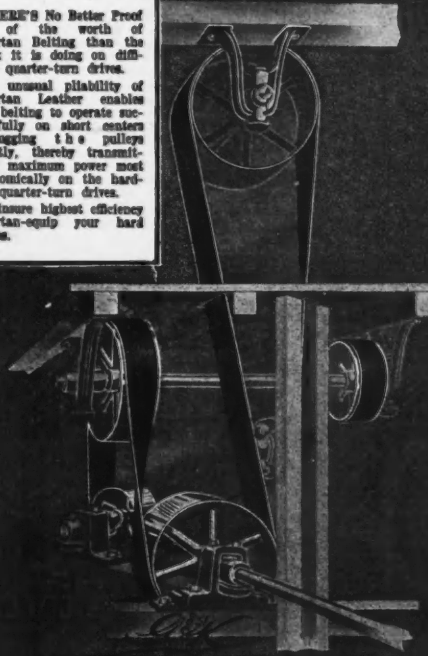
SAMUEL R. WHITING, Pres. and Treas.

Manufacturers of  
LOFT DRIED PAPERS  
LEDGERS  
BONDS  
WRITING PAPERS

Mill:  
North Wilbraham, Mass.

Main office:  
208 Race Street,  
Holyoke, Mass.

THERE'S No Better Proof of the worth of Spartan Belting than the work it is doing on difficult quarter-turn drives. The unusual pliability of Spartan Leather enables the belting to operate successfully on short centers—hugging the pulleys tightly, thereby transmitting maximum power most economically on the hardest quarter-turn drives. To insure highest efficiency Spartan-equip your hard drives.



The Graton & Knight Mfg  
Oak Leather Tanners and Belt Makers  
WORCESTER, MASS., U. S. A.

# ALUM

FOR THE PAPER MAKER

Manufactured by

The Jarecki Chemical Co.

QUALITY SERVICE

Sole Selling Agents

ISAAC WINKLER & BRO.  
CINCINNATI .. .. NEW YORK

## Another Wonderful War-Time Economy

A New Nashua Paper That Replaces Tin Foil

MANUFACTURERS of confections or tobacco products, box-makers and paper dealers are invited to inspect our latest offering of highly burnished SILVER PAPERS and SILFOILS. Those who have been using metal foils will find these products answer the purpose of tin foil, look brighter and snappier, and can be had for a fraction of the present price of foil.

Get your orders in early as the demand is very great and growing rapidly. Write for complete sample book showing 31 samples of SILVER PAPER and SILFOIL with various embossed and plain finishes.

NASHUA GUMMED & COATED  
PAPER CO.

Nashua, New Hampshire



# 1918 EDITION

OF

# LOCKWOOD'S DIRECTORY

NOW OUT

Get your order in quick. Don't Delay.

ADDRESS

LOCKWOOD TRADE JOURNAL CO., Inc.  
10 EAST 39th STREET, NEW YORK



TRADE  
**O.W.D.**  
MARK

Mapleware LUNCH SET  
SERVICABLE CRISTALINA

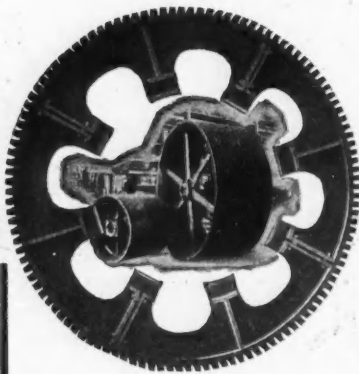
NO. 2  
O.W.D.

O W D Jobbers are  
always satisfied.  
There is a mighty  
good reason.

The Oval Wood Dish Company  
Manufacturers  
NEW YORK DELTA  
SAN FRANCISCO  
NEW ORLEANS TOLEDO

**WOOD DISHES**

## Power-Transmitting Machinery



We cast and finish  
Sheaves (with  
English or Ameri-  
can grooves), Pul-  
leys, Band Wheels,  
Fly Wheels, Gears,  
Sprocket Wheels,  
&c.

We design and  
manufacture com-  
plete rope drives.  
Our machine-  
molded sheaves  
are perfect in bal-  
ance, accurately

finished and free from flaws injurious to the rope.  
Rope drives designed by us are successful. Write us.

**H. W. Caldwell & Son Co.**

Chicago, Western Ave., 17th-18th St.

New York, Hudson Terminal, 50 Church St.

Dallas, Texas, 711 Main St.

## L. H. BUTCHER COMPANY

Established 1899

NEW YORK

SAN FRANCISCO

Methylene Blue  
Navy Blue  
Victoria Blue  
Victoria Green  
Malachite Green  
Bismark Brown

Auramine  
Fuchsine  
Nigrosine  
Safranine  
Chrysoidene  
Methyl Violet

**WINDERS  
AND  
REWINDERS**  
SAMUEL M. LANGSTON COMPANY  
CAMDEN, N. J.

DO YOU WANT HELP?  
Try the JOURNAL'S "Want Pages"

## Taggarts Paper Co.

MANUFACTURERS OF

Catalogue, Light Weight Manilas  
and Specialties

MAIN OFFICE

Sherman Bldg.,

WATERTOWN, N. Y.

## BUSH, BEACH & GENT, Inc.

80 Maiden Lane, New York

## BLEACHING POWDER

35/37% guaranteed

Prompt and Forward Shipment

Sole Agents for

GREAT WESTERN ELECTRO-CHEMICAL COMPANY

**WYCKOFF  
WOOD PIPE**



**OUTLASTS ANY  
METAL PIPE**

**WYCKOFF WOOD STAVE WATER PIPES** will not rust—resists freezing much longer than metal and will carry 14% more water than metal pipes of same diameter. Made in sizes up to 48" in 6 to 12 foot lengths—they cost less and are easily laid by unskilled labor. **WYCKOFF PIPE** makes an ideal Paper and Pulp Mill pipe where the pressure does not exceed 172 lbs. per square inch. Send for catalog.

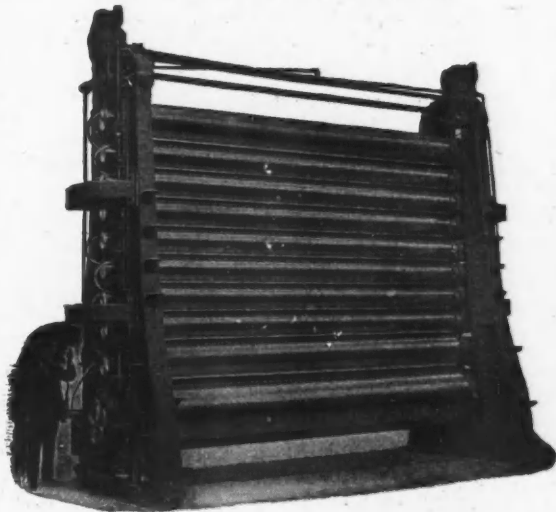
**A. WYCKOFF & SON CO.**

*Makers for 62 Years*

**ELMIRA, N. Y.**

**Farrel Foundry & Machine CO.**

ANSONIA, CONN., U. S. A.  
LARGEST MANUFACTURERS IN THE WORLD OF  
**CHILLED ROLLS**



**CALENDERS**

WITH PATENT HYDRAULIC LIFT  
**ROLL GRINDING MACHINES**

**FLOWER CITY TISSUE  
MILLS CO.**

Rochester, N. Y.

NEW MILL AT

**SCOTTSVILLE, N. Y.**

MANUFACTURERS OF

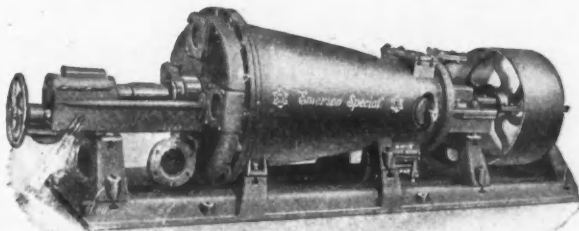
High Grade Fourdrinier Tissues — Coarse Wrapping — Folder Stock — Light Weight Boards — Index Bristols — Hardware Wrappings, Card Middles—Fine White and Colored Card Board—Ticket-Tag Board—White and Colored Blanks and Specialties.

*JOBBER—WRITE FOR PARTICULARS*

Address all correspondence to Rochester, N. Y.

**EMERSON MANUFACTURING CO.**

LAWRENCE  
MASS.



See the Second-Hand Machinery ads and note the  
ABSENCE of

**EMERSON  
BEATING ENGINES**

They seldom wear out and are never thrown out.  
PERFECT CIRCULATION. NO "PADDLING"

**The "EMERSON" JORDAN**

does its work with half the power required by others of  
no greater capacity.

*WRITE FOR DETAILS.*

## Mechanical Filters

GRAVITY AND PRESSURE TYPES

All Sizes, to Suit Locations  
No Proposition too Large or Small

WRITE OR WIRE  
WE WILL CALL ON YOU

**NORWOOD ENGINEERING COMPANY**  
FLORENCE, MASS.

## The Longest Runs

are always made with the "Hamilton Felt"—absolutely the best results are obtained from its use. No wrinkling, no slack edges, "no blowing"—runs equally well on fast or slow machines. Send us a trial order now, with particulars as to stock used, quality of paper made and speed of machine.

**SHULER &  
BENNINGHOFEN**  
Hamilton, Ohio



## ATTERBURY & McKELVEY, Inc.

### RAGS AND PAPER STOCK CASEIN

145 NASSAU ST. NEW YORK

## SLITTERS AND REWINDERS

FOR EVERY PURPOSE

### MEISEL PRESS MFG. CO.

944 DORCHESTER AVE., BOSTON  
40 YEARS' EXPERIENCE

## The Union Sulphur Company

Producers of the Highest Grade  
Brimstone on the Market . . .

ABSOLUTELY FREE FROM ARSENIC OR SELENIUM

### The Largest Sulphur Mine in the World

CALCASIEU PARISH, LOUISIANA

Main Offices: Whitehall Bldg., 17 Battery Place, New York

## SCHORSCH & CO.

500 EAST 133RD ST., NEW YORK

MANUFACTURERS OF

### Quick Opening, Square and Flat Paper Bags & Sacks

Samples and Quotations on request

## IMPERIAL BAGGING CO.

NORFOLK, VA.

Buyers of Burlap and Gunny Bagging.  
*Why not sell direct to us instead of dealers?*

For reliable running and average long life

## Lindsay Fourdrinier Wires

ARE UNSURPASSED

We make them for the largest and fastest machines.  
Cylinder Wires all sizes.

The Lindsay Wire Weaving Co.  
COLLINWOOD STA CLEVELAND, OHIO.

## COOKSON BROTHERS

STOCKPORT.

MANCHESTER, ENGLAND

All kinds of  
PAPER STOCK, COTTON WASTE  
GUNNY BAGGING, WOOLLEN RAGS, ETC.

## Save Labor

time and storage space by using a

## REVOLVATOR

Reg. U. S. Pat. Office

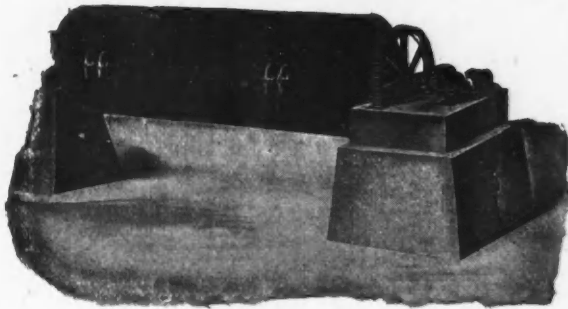


This machine eliminates the drudgery connected with piling heavy cases or rolls of paper. Also, it enables you to increase your store-room space from 50 to 300 per cent, as with a Revolvator you can stack clear up to the ceiling.

Write for Booklet PT42

**N. Y. Revolving Portable Elevator Co.**  
357 Garfield Avenue JERSEY CITY, N. J.





CYLINDER

SPECIFY  
"BIGGS"  
ROTARIES

IN "YOUR" NEXT  
INSTALLATION!

*There's a Reason*  
Steel pressure and  
storage tanks for  
every purpose

WRITE FOR PRICES



GLOBB

THE BIGGS BOILER WORKS COMPANY, AKRON, OHIO, U. S. A.

## THE C. L. LABOITEAUX COMPANY

We call the attention of the Jobbing Trade to our unequalled facilities for prompt shipment of

Mill Blanks, Bogus Bristols, Marble Grained Jute Boards, Clay Coated Box  
Boards, Binders' Board, Paper Box Board, Pasted  
Boards, and Paper Board Specialties

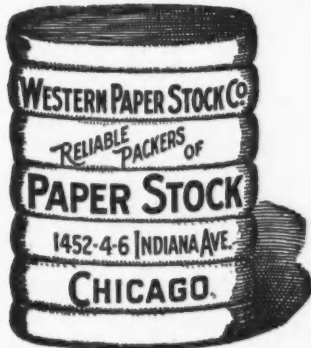
CINCINNATI

CHICAGO

NEW YORK

CLEVELAND

Write for our new Blue Book, just issued, containing valuable information in regard to Box Boards, Paper and Specialties.



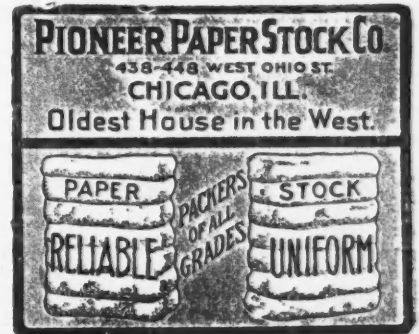
### Do You Want Help?

Or have you some Machinery you would  
like to dispose of?

Try the

JOURNAL'S

"Want Pages"



## Dayton Beating and Washing Engines

Dayton Beater & Hoist Co.  
Dayton, Ohio

IMPORTERS OF  
Chemical **WOOD PULP** Mechanical

Importers and Exporters of  
All Kinds of

## PAPER

NEW YORK OVERSEA CO., Inc.

Main Office: Christiania

17 BATTERY PLACE

NEW YORK

Branch Offices:

Stockholm  
Genoa  
Las Palmas

Teneriffe  
Maranham  
Rio de Janeiro

Buenos Aires  
Valparaiso  
Hong-Kong

Tokio  
Calcutta  
Melbourne

**ZAREMBA**  
PATENT  
**EVAPORATORS**

*In One Paper Mill*

where it replaced another make of evaporator, it paid for itself the first year.

**ZAREMBA COMPANY, BUFFALO, U. S. A.**

Exclusively—  
Cutting Machines

**OSWEGO**

OSWEGO MACHINE WORKS  
OSWEGO, N. Y. *Write*



**GRISSINGER**  
Patented  
**AUTOMATIC  
TUBE  
MACHINE**  
Wire Stitched Tube  
TOILET PAPER  
MACHINERY  
**GRISSINGER MACHINE WORKS**  
PHILADELPHIA, PA.

Patented { June 24, 1913.  
          { August 10, 1915.

1918 Edition of  
**LOCKWOOD'S DIRECTORY**  
Now Out  
Thoroughly Revised and Up-to-date  
PRICE \$5.00—EXPRESS PREPAID

Address  
**LOCKWOOD TRADE JOURNAL CO., Inc.**  
10 East 39th St., New York

Write today for  
complete information.



**WALL BOARD CUTTER**

Cuts to length all kinds of heavy Sheet Stock, Fiber and Wall Board. Gives Uniform Sheet Lengths, Clean Cut Edges, No Buckling of Web.

**M. D. KNOWLTON CO., 22 Elizabeth St., Rochester, N. Y. U. S. A**

**PULP MILL MACHINERY**

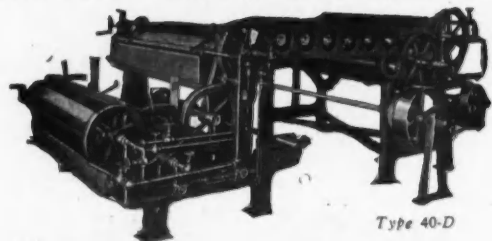
3 and 4 POCKET GRINDERS	SCREENS
WET MACHINES	DECKERS
CENTRIFUGAL PUMPS	BARKERS
CHIPPERS	

Mr. H. E. Tidmarsh, founder of the Friction Pulley & Machine Works, is now connected with us, and we can furnish repair parts for all machines made by them before they discontinued business.

**UNION IRON WORKS, Bangor, Maine**

**Federal Paper Stock Co.**  
ST. LOUIS, MO.  
Packers of All Grades of  
*Waste Paper and New  
Rag Cuttings*

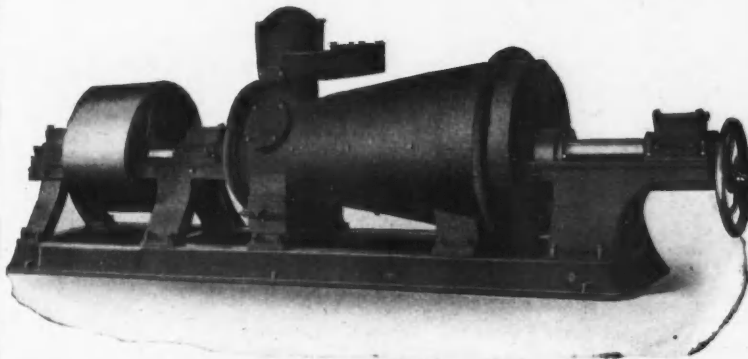
**Wax Paper Coating Machines**  
Carbon Paper, Gumming and Gluing Machines



Will make all kinds of waxed and waterproof paper with finest finish and fastest speed.

**MAYER COATING MACHINES CO., Rochester, N. Y.**

# THE DILLON JORDAN



Our latest Improved Machine, three sizes; belt or direct connected motor driven. All Bearings self-oiling, adjustable and water-cooled. Outside stand fitted with gauge to keep the plug central with the shell.

For full particulars apply to

**DILLON MACHINE CO., Inc.**  
 Builders of Paper Mill Machinery  
 Lawrence, Mass.

18 YEARS' EXPERIENCE IS BUILT INTO OUR  
**SLITTING AND REWINDING  
 MACHINES**

CAMERON MACHINE CO., BROOKLYN, N. Y.

## HUNGERFORD FILTERS

The Filters that never require  
 a renewal of the Filter Bed

**HUNGERFORD & TERRY, INC.**

Engineers and Manufacturers of Water Filters  
 Pennsylvania Building PHILADELPHIA, PA.

Improve Your Paper by using

our

**Iron Extractor**

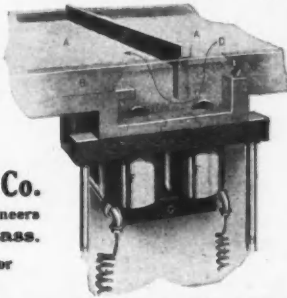
which takes out the  
 iron particles.

Sent on approval

**The Roland T. Oakes Co.**

Electrical Contractors and Engineers  
 Holyoke : Mass.

J. Marz & Co., London Agents for  
 England and Europe



## VERA ROSIN SIZE

Guaranteed to Be Absolutely Clean and Pure

**SHIPPED IN BARRELS and TANK CARS**

**OUR VERA PAPER SIZE**

is the purest, strongest and highest free rosin size made. We can furnish you with an ideal rosin size and patented apparatus to use same.

**OUR VERA MILL SIZE**

is the best soluble paper makers' rosin size made. Ready to use in cold or warm water in the ordinary way without apparatus. Gives better satisfaction and is more economical than mill made size.

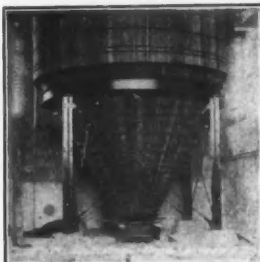
**OUR VERA BEATER SIZE**

Especially prepared to be dumped direct from the barrels into the Beater, without first dissolving it.

**VERA CHEMICAL COMPANY**

North Milwaukee, Wis. Stoneham, Mass.  
 Burlington, Ont., Canada

## NEW ENGLAND TANK & TOWER CO.



**WOOD TANKS**

**FOR ALL**

**PURPOSES**

Everett Station, Boston, Mass.

## CALDWELL'S CANVAS CLOTHING

NUTMEG-YELLOW STRIPE-HOOPERWOOD

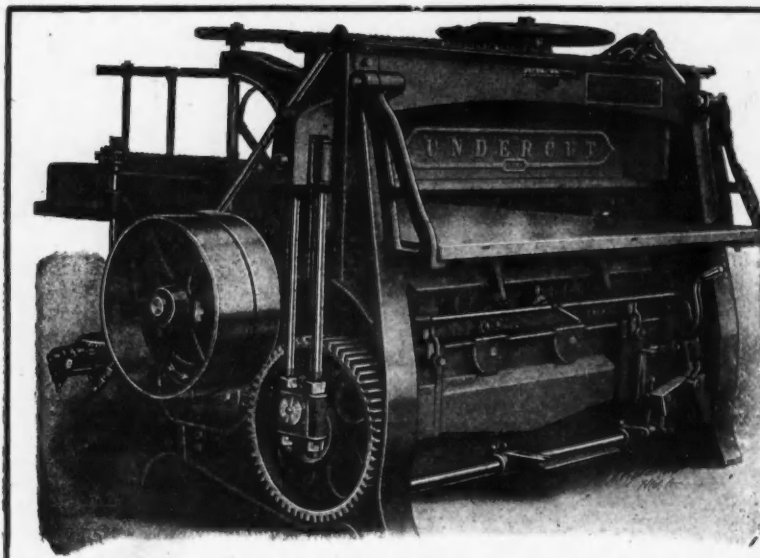
## Cotton Dryer Felts

OLDEST BRANDS IN AMERICA  
 MADE FROM LONG STAPLE COTTON

**R. J. CALDWELL CO., Inc.**

21 PARK ROW, NEW YORK





## The Undercut Trimmer

The Paper Mill Cutter, combining the highest degree of accuracy, speed and simplicity for the most exact trimming.

The clamping power of the Undercut is not equalled by any other cutter, and assures absolute accuracy in trimming. The safety in operating an Undercut is a very important fact to be considered, as well as simplicity of design and construction carried out in the best manner and workmanship possible.

The speed of the Undercut is such that more cuts can be utilized in the working of our machine than in the high-speed cutters, which not only consume power, but wear out rapidly.

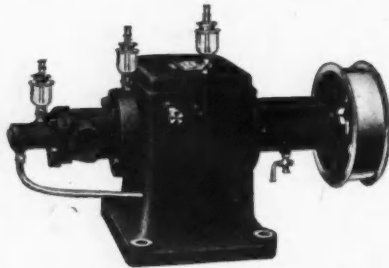
Our Power Back Gauge Drive enables the operator to handle material quickly, easily, and more in quantity than can be secured in the use of other machines.

For further and full information, call upon

## The Smith & Winchester Mfg. Co.

Builders of High Grade Paper Mill Machinery and Paper Bag Machinery  
South Windham, Conn.

## Mechanical Grinder Governor

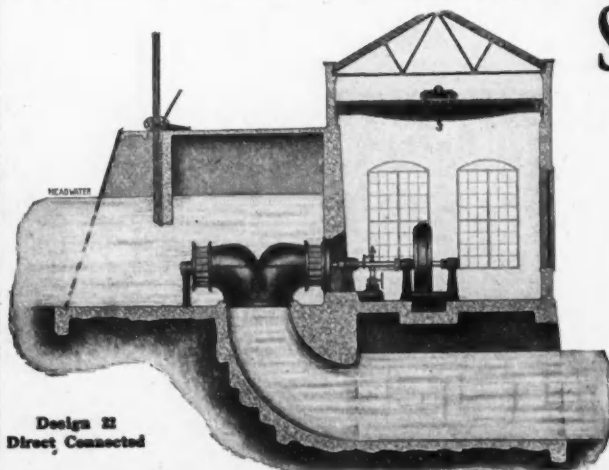


Increases production and quality, prevents bursting of stone, acts instantaneously, maintaining a constant speed. Full utilization of power secured. For particulars write

## DOWNTOWN MANUFACTURING COMPANY

EAST DOWNTOWN, PA., U. S. A.

Builders of Paper Machines and Pulp and Paper Mill Machinery



Design 22  
Direct Connected

## Samson Turbine Water Wheels

### Vertical and Horizontal Designs

Direct Connected, Driving Generators, Pulp Grinders, Milling Machines, Pumps, Etc.

### HIGH EFFICIENCY UNITS

Write for Bulletin 54

## THE JAMES LEFFEL & CO.

304 Lagonda Street, SPRINGFIELD, OHIO, U. S. A.  
SALES ENGINEERS

L. B. Dow, Inc., 79 Milk St., Boston, Mass.  
The Colby Engineering Co., Inc., 79 First St., Portland, Ore.  
H. H. White, 378 Piedmont Ave., Atlanta, Ga.  
William Hamilton Company, Ltd., Peterborough, Ont., Canada

S

S

.





# Dry Rosin Size



Brittle and easily soluble. Cheapest size out. Cheaper than mill made size. Also our hot and cold water sizes; standard quality. Cleaner, more uniform and economical than either mill made sizes or those offered by our competitors. Also Arabol Paper Size, Splicing Gums, Condensed Paste Powder, Paper Makers' Starches.

**Arabol Manufacturing Co.**  
100 William Street : NEW YORK

**FRANKLIN PAPER CO.,** HOLYOKE MASS.

Manufacturers of

Index Bristols, White Bristol Blanks, Etc.

**UNION TALC COMPANY**  
**Finest Grades of Agalite**

132 Nassau Street New York

**The Harmon Machine Co.**

WATERTOWN, N. Y., U. S. A.

**High Grade Diaphragm Screens**

INCLINE AND FLAT

ALSO

Stone Trueing Tools. Centrifugal Pumps

**J. L. & D. S. RIKER**  
(Incorporated)

Importers and Manufacturers' Agents

19 CEDAR ST., NEW YORK

All Tests  
SODA ASH  
and  
ALKALI

Sole Agents for the United States and Canada of THE UNITED ALKALI CO., LTD., of Great Britain, for the sale of their various brands of

**BLEACHING POWDER**

**S K F Hangers and Pillow Blocks on your drive will save 80% of the power you waste now.**

**SKF BALL BEARING CO.**  
Hartford, Conn.

Manufacturers of All Special Small Roll Products

Adding Machine, Cash Register, Die Wiping, Hand Rolls, Etc., Etc.

PAPER MANUFACTURERS CO., Inc. :: PHILADELPHIA, PA.

**Tanks of Cypress or Yellow Pine**



**Heavy Paper Mill Work**

A SPECIALTY

OUR AIR DRIED CYPRESS IS REMARKABLE FOR ITS GREAT DURABILITY

We handle Cypress and Yellow Pine from the Stump, and have Twenty Million Feet Seasoning

**THE A. T. STEARNS LUMBER CO.**  
125 Taylor St., Neponset, Boston, Mass.

**Why Waste Good Stock?**

When You Can Save It at a Small Expense by Using Our

**SCREENING GRINDER**  
**"SUCCESS"**

Which we offer to the trade. It will successfully reclaim and grind sulphite and ground wood screenings into a marketable pulp, which can be sold at a profit.

The following leading mills are using the "Success" with success:

JONQUIERE PULP CO., Jonquiere, P. Q., Canada.  
SPANISH RIVER PULP & PAPER CO., Ltd., Espanola, Ont., Can.  
DELLS PAPER & PULP CO., Eau Claire, Wis.  
WOLF RIVER PAPER & FIBRE CO., Shawano, Wis.  
THE FALLS MFG. CO., Oconto Falls, Wis.

WRITE FOR INFORMATION

APPLETON MACHINE CO., Appleton, Wis.

# EASTWOOD WIRE MFG CO. FOURDRINIER WIRES BELLEVILLE, NEW JERSEY, U.S.A.

## THE WM. CABLE EXCELSIOR WIRE MFG. CO.



Established 1848  
Incorporated 1870-1898



MANUFACTURERS OF

Superior Fourdrinier Wires  
Cylinder Wires  
Brass, Copper and Iron Wire Cloth of every description  
Best Quality of Wire Rope

Dandy Rolls  
Cylinder Moulds

 Write for Price List

88 AINSLIE ST., BROOKLYN, N. Y.

## NATRONA POROUS ALUM

MANUFACTURED BY  
PENNSYLVANIA SALT MFG. COMPANY  
PHILADELPHIA

## C. K. WILLIAMS & CO., EASTON, PA.



Proprietors of the Penns. Dry Paint and Color Works and the Helios Dry Color, Chemical and Copperas Works of Allentown, Pa.

Manufacturers, Miners and Importers of Coloring Materials, such as Venetian Reds, Red, Brown, Black, Yellow, Oxides, Chrome and other Ochres, also Paper Fillers—as Agalites, Mineral Pulp, Talc, China and other Clays.

### COLORS FOR PAPER MANUFACTURERS' USE

## Facts About Gumbinsky Bros. Co.

*Largest dealers in paper stock and rags  
in the world*

**CHICAGO, ILL.**

Occupy more than six acres of a sprinkled floor space, equipped with six electric freight elevators, twenty-two large electric power presses, private switch tracks and platforms for forty cars at one time; over 300 employees grading and packing Rags and Waste Paper; best service on any grade, any quantity and at any time.

**GET IN TOUCH WITH US**



FOURDRINIER  
CYLINDER  
WASHER

# WIRES

50 years' experience as wire makers  
insures highest quality of product

**"Appleton Wires  
Are Good Wires"**

APPLETON WIRE WORKS, Appleton, Wis.