REPORT

OF THE

BOARD OF DIRECTORS

OF THE

MICHIGAN CENTRAL

RAILROAD COMPANY,

TO THE STOCKHOLDERS,

FOR THE

YEAR ENDING DECEMBER 31st, 1884.



DETROIT:
FREE PRESS PRINTING HOUSE,
1885.

REPORT

OF THE

BOARD OF DIRECTORS

OF THE

MICHIGAN CENTRAL

RAILROAD COMPANY,

TO THE STOCKHOLDERS,

FOR THE

YEAR ENDING DECEMBER 31ST, 1884.

DETROIT: FREE PRESS PRINTING HOUSE. 1885.

ORGANIZATION.

DECEMBER 31ST, 1884.

Directors.

WM. H. VANDERBILT.

NEW YORK CITY.

CORNELIUS VANDERBILT,

NEW YORK CITY.

CHAUNCY M. DEPEW,

NEW YORK CITY.

SAMUEL F. BARGER,

NEW YORK CITY.

WM. K. VANDERBILT.

NEW YORK CITY.

EDWIN D. WORCESTER,

NEW YORK CITY.

ANSON STAGER,

CHICAGO, ILL.

WILLIAM L. SCOTT,

ERIE, PENN.

HENRY B. LEDYARD, DETROIT, MICH.

Officers.

CHAIRMAN,

CORNELIUS VANDERBILT.

VICE-PRESIDENT,

EDWIN D. WORCESTER,

TREASURER,

HENRY PRATT.

PRESIDENT,

HENRY B. LEDYARD.

SECRETARY,

EDWIN D. WORCESTER.

GENERAL MANAGER,

HENRY B. LEDYARD.

AUDITOR,
D. A. WATERMAN.

GENERAL OFFICES.

NEW YORK CITY, GRAND CENTRAL DEPOT.

DETROIT, MICH., FOOT OF THIRD STREET.

CHICAGO, ILL., ADAMS EXPRESS BUILDING.

ANNUAL MEETING

THURSDAY FOLLOWING THE FIRST WEDNESDAY IN MAY.

Stock Transferred, Grand Central Depot, New York.

Coupons paid by Union Trust Company, New York

REPORT.

NEW YORK, April 1st, 1885.

The Board of Directors submit the following report of the company's business and affairs, for the year ending December 31st, 1884:

ROAD OPERATED.

Main Line:	Miles.
Michigan Central system	-
Total miles	1,505 07

With 120.93 miles of second track and 514.85 miles of side track, making in all 2140.85 miles of track, of which 1839.02 miles are of steel.

CAPITAL STOCK.

No changes have occurred in the Capital Stock; it is \$18,738,204.

FUNDED DEBT.

The Funded Debt remains unchanged. It aggregates \$15,976,000, as shown in detailed table on page 16.

CONSTRUCTION.

DEBITS.

\$8,705 20

. The following changes have occurred in this account:

Land, purchased at various points

Zaza, parchasea at various points in	φο,
Balance cost New Passenger House at Detroit	94,890 12
Balance cost Detroit Yard Improvement	6,254 52
Total.	\$109,849 84
CREDITS.	
By proceeds land sold	328 25
Increase in the account being	\$109,521 59
Canada Southern System, and which appears only books of that company, as follows:	
Land, purchased at various points, including grading	\$24,323 89
New Track	3,400 58
New Bridges, principally balance on Kettle Creek	20,095 30
Total	\$47,819 77
CREDITS.	
Sundry small buildings charged Construction account	
in 1883, now taken out \$17,786 83	
Also for grading Y at Niagara Junction 5,482 23	23,269 06
Not total	\$24 550 71

OPERATION.

	1884.	1883.
Earnings from freight	\$7,620,887 14	\$9,472,365 62
" passengers	3,464,559 75	4,007,548 30
" mail	207,872 13	182,419 60
" express	292,944 52	245,724 77
" miscellaneous	72,813 56	
Total Earnings	\$11,659,077 10	\$14,009,766 69
Operating expenses and taxes	8,959,132 40	
Net Earnings	\$2,699,944 70	\$4,268,128 24
Interest and rentals	2,638,602 18	2,433,416 31
Residue	\$61,342 52	\$1,834,711 93
Paid Canada Southern Ry Co. one-third residue as per agreement	20,447 51	611,570 64
Net Revenue	40,895 01	\$1,223,141 29
Income from investments	79,857 62	67,701 45
Surplus	\$ 120,752 63	\$1,290,842 74

 Decrease in gross earnings
 \$2,350,689
 59, or 16.77 %

 "in operating expenses
 782,506
 05, or 08.03 %

 "in net earnings
 1,568,183
 54, or 36.74 %

The freight statistics, as compared with 1883, show a decrease in tons moved of 55,681 tons, or 01.07 per cent., and a decrease in the earnings per ton per mile of .184 of one cent or 22.17 per cent., and the passenger statistics show a decrease in the number of passengers moved of 328,160 or 11.28 per cent., and a decrease in the earnings per passenger per mile of .116 of one cent, or 05.23 per cent.

There was laid in the track in 1884 nine thousand tons of steel rail and 693,352 ties; also 231.94 miles of fence built. The cost of these and all other expenditures necessary for the full maintenance of the property were charged to operating expenses.

Included in bridge repairs are the following betterments: iron bridge over Lake Shore track at Toledo; double-track iron bridge over Welland Canal; replacing Bay City drawbridge with iron structure.

GENERAL.

The adverse conditions attending the operation of railroads the past year are so well known as to need no comment. The labor of the Company's officers can only be to continue the strictest economy, and thereby produce the best result that circumstances will admit of.

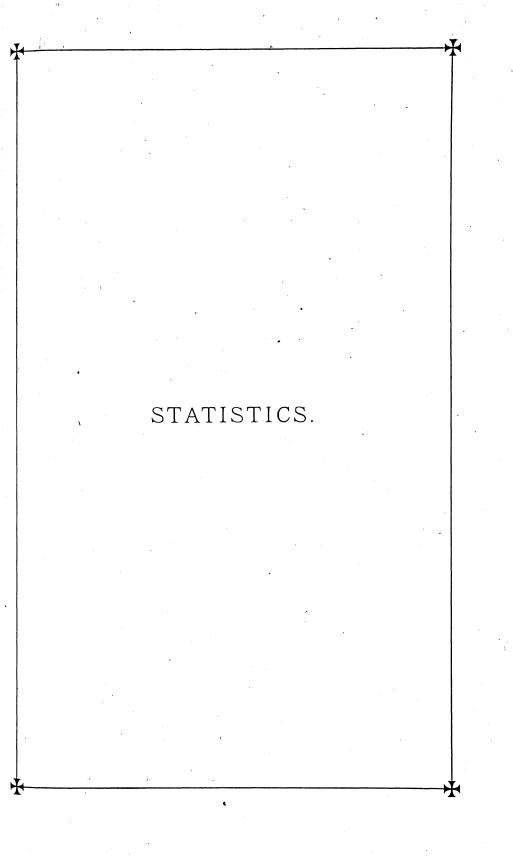
The usual tables of statistics will be found herewith.

C. VANDERBILT,

H. B. LEDYARD,

President.

Chairman.



LOCOMOTIVE DEPARTMENT.

MILES RUN BY LOCOMOTIVES:	
Passenger trains	3,875,002
Freight trains	5,967,177
Working trains	392,849
Switching	2,836,523
, Total	13,071,551
Cost per Mile Run:	
Repairs	2.76
Service	5.20
Fuel "	7.51
Oil and Waste "	0.32
Total"	15.79
FUEL CONSUMED BY LOCOMOTIVES:	
Coal—416,051 tons, at \$2.30 per ton	\$956 918 19
Wood—11,509 cords, at \$2.16 per cord.	
Total	\$981,778 71
Miles run per ton of coal	31.41
LOCOMOTIVES PERFORMING SERVICE:	
Owned by this Company Owned by the Canada Southern Railway	271 125
Total	396
All are coal burners except one.	500
The cost of maintenance was \$360,209.52, or an average of \$909.62 per locomotive, each making a mileage of 33,008 miles, and includes the following items of renewal:	
-	450
Engines receiving heavy repairs	152 2
New Boilers and fire boxes	1
New steel nre boxes	324
New driving wheels.	20
New driving wheel axles.	14
New truck and tender wheels.	3,236
New truck and tender axles	310
New sets flues	7
New engine trucks	4
New tender frames	11
	¥

Car Department.

PASSENGER EQUIPMENT.

	M. C. R.	C. S. R.	Total.
First class cars	80	37	117
Second class and smoking cars	41	21	62
Baggage cars	18		18
Baggage and mail cars	20	7	27
Baggage and express cars	8	19	27
Mail and express cars	8		8
Postal cars	6		6
Dining cars	5	2	7
Paymaster's car	1		1
Total	187	86	273
FREIGHT EQUIPMENT.			
Box cars	4,617	1,883	6,500
Stock cars	1,017	158	1,175
Platform cars	2,078	425	2,503
Coal cars.	544	67	611
Oil cars		41	41
Dump cars	30		30
Way Cars	163	101	264
Boarding cars.	19	6	25
Wrecking cars and pile drivers.	9	5	14
	12	6	18
Tool cars	95	•	95
Logging trucks			
Total	8,584	2,692	11,276
Total car equipment	8,771	2,778	11,549
The equipment, as above enumerated, was mainta Passenger cars	\$243,9	50 56	cost:
Built New-Baggage cars			2
Combination cars			1
Express cars			1
Snow plow			1
			6
REBUILT—First class passenger cars			=
Way cars			8 22
Freight cars			22 20
Coal cars			20
New Wheels-Iron			44.004
	· · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	11,231
Paper			11,231
Paper New Axles.			•
•			80

TRACK DEPARTMENT.

	MAIN LINE.	y	Miles	of Road.
Michigan Central— Kensington to Detroit			270.07	
Canada Southern—	N. Y			
		-		496.25
Total Rain Into				100,20
Magracia Ara I ava Disabata	BRANCHES.			
Michigan Air Line Railroad— Jackson to South Bend	,		114.72	
Joliet & Northern Indiana Rail Lake to Joliet	LROAD—		45.00	
GRAND RIVER VALLEY RAILBOAD-	s		83.79	
Jackson, Lansing & Saginaw Rai	LROAD-			
Kalamazoo & South Haven Rail	LROAD—		200.10	
			39.50	
Bay City Junction to Bay City.	š	109.00 8.75		
Denmark Junction to Saginaw		10.70		
Bay City Street Railway (lease	d)	4.25		
			151.50	
Pinconning Bay, west into woo	ods (includes Branches)	••••	54.74	
Springwells to Canada Souther	ALLROAD— dols (includes Branches). rroit Railway— rn Junction NY— nd. ilway—		55.87	
Slocum Junction to Stony Islan	nd		3.66	
Michigan Midland & Canada Rai Ridgeway to St. Clair	ILWAY—		14.68	
CANADA SOUTHERN RAILWAY—		15 70		
St. Clair Junction to Courtrigh	t	62.63 2.83		
Welland Junction to Fort Erie		17.50	00.00	
Sarnia, Chatham & Erie Railway	Υ—		98.66	
Petrolia Junction to Petrolia			7.00	
Niagara to Old Fort Erie		• • • • •	30.60	
Total Branches				994.82
Total Miles of Road				1,491.07
	•			
Michigan Central—	SECOND TRACK.			
Between Kensington and Detro	oit		89.00	
Between Windsor and Suspens	sion Bridge		30.93	
Jackson, Lansing & Saginaw— Lansing to North Lansing			1.00	
Total Second Track		-		120.93
2000				
	SIDE TRACKS.		000 10	
Michigan Central System Canada Southern System			368.46 146.39	
		-		514.85
Total Miles of Single Tr	ack	• • • • • •	287.83	2,126.85
•		_		0.00 در م

Earnings and Expenses.

1883.	EARNINGS.	1884.
\$9,472,365 62 4,007,548 30 182,419 60 245,724 77 101,708 40	Freight	\$7,620,887 14 3,464,559 75 207,872 13 292,944 52 72,813 56
\$14,009,766 69	Total	11,659,077 10
	EXPENSES	
300,910 21 549,378 64 720,292 80 164,875 31 397,678 44 1,172,279 97 38,596 89 53,956 41 83,308 07 2,515 85 404,698 83 220,905 53 28,775 43 91,655 69 212,105 46 73,105 85 290,311 81 1,139,551 139,379 53 62,074 70 19,961 40 8,868 99 36,285 07 212,682 91 6,684 90	Rail renewals Tie renewals Repairs roadway and track Repairs bridges, culverts and cattle guards. Repairs buildings and fixtures Repairs docks. Repairs fences, road crossings and signs Repairs locomotives Repairs passenger cars Repairs passenger cars Repairs freight cars Locomotive service Passenger train service Preight train service Agents and station service Passenger train supplies Freight train supplies Freight car mileage Freight car mileage Freight car mileage Coeneral office salaries Law expenses Contingencies Telegraph expenses Stationery and printing Outside agencies and advertising. Fuel for locomotives Oil and waste Water supply Damage and loss of freight and baggage Damage to property, including live stock Personal injuries Insurance Track rental and terminals Custom house fees Detroit river crossing International bridge toils Repairs ferry boats.	162,832 54 261,889 43 1,057,708 20 212,056 33 193,712 38 31,559 11 91,205 56 19,060 39 360,209 52 243,950 64 447,776 46 680,287 86 170,610 28 365,076 90 1,146,398 29 5,638 25 460,882 95 207,170 22 34,758 18 209,060 11 21,354 18 209,060 11 21,354 18 209,060 17 78,436 06 64,451 56 281,515 62 981,778 86 281,515 62 981,778 86 281,515 62 981,73 88 64,116 93 39,013 11 2,587 47 309,733 88 64,116 90 56,179 24 3,494 70 28,889 39
255,792 68	Taxes	263,873 76
\$9,741,638 45	Total, including Taxes	8,959,132 40
\$4,268,128 24	NET EARNINGS. PER CENT. OF EXPENSES TO EARNINGS.	2,699,944 70
69.53 67.71		76.84 · · · 74.58

FREIGHT STATISTICS.

		18	1884.			180	1883.	
	Tons moved.	Tons moved one mile.	Rate per ton per mile.	Earnings.	Tons moved.	Tons moved one mile.	Rate per ton per mile.	Earnings.
			Cents.				Cents.	
THROUGH:								,
Eastward	876,933	389,241,610	0.418	\$1,628,312 78	920,980	393.769,920	0.687	\$2,705,984 34
Westward	569,328	265,207,270	0.433	1,147,320 53	408,543	183,127,990	0.508	929,578 68
Total	1,446,261	654,448,880	0.424	\$2,775,633 31	1,329,523	576,897,910	0.630	\$3,635,563 02
LOCAL	3,695,336	524,744,947	0.923	4,845,253 83	3,867,755	564,384,954	1.034	5,836,802 60
TOTAL	5,141,597	5,141,597 1,179,193,827	0.646	\$7,620,887 14	5,197,278	5,197,278 1,141,282,864	0.830	\$9,472,865 62
Increase	55,681	37,910,963	0.184	\$1,851,478 48				
								and cold the later than the second property and the second the sec

PASSENGER STATISTICS.

	!	18	1884.			1883	83.	
	Passengers moved.	Passengers moved	Rate per passenger per mile.	Earnings.	Passengers moved.	Passengers moved	Rate per passenger per mile.	Earnings.
		one mile.	Cents.			one mile.	Cents.	
THROUGH:								
Eastward	38,962	19,884,181.	1.816	\$361,178 13	34,588	16,552,758	2.025	\$335,255 39
Westward	38,204	19,383,980	1.778	344,673 45	30,709	14,354,424	1.911	274,302 45
Emigrant	15,892	7,983,358	0.782	62,418 90	17,554	7,664,175	0.875	67,033 70
Total	93,058	47,251,519	1.626	\$768,270 48	82,851	38,571,357	1.754	\$676,591 54
LOCAL	2,488,014	117,657,141	2,292	2,696,289 27	2,826,381	142,177,868	2.343	3,330,956 76
TOTAL	2,581,072	164,908,660	2.101	\$3,464,559 75	2,909,232	180,749,225	2.217	\$4,007,548 30
Increase								
Decrease	328,160	15,840,565	0.116	\$542,988 55		:		
AND THE CONTRACTOR OF THE CONT								

Funded Debt, Interest, Rents, Etc.

DESCRIPTION	FUNDED DEBT.						
DESCRIPTION.		ATE ISSUE.		re of URITY.	AMOUNT,		
THIS COMPANY'S BONDS.							
Michigan Central Air Line Mortgage	Jan.	1, 1870	Jan.	1, 1890	\$1,900,000		
Consolidated (now first) Mortgage	May	1, 1872	May	1, 1902	8,000,000		
Consolidated (now first) Mortgage	Nov.	1, 1882	May	1,.1902	2,000,000		
Grand River Valley Second Mortgage	Sept.	1, 1879	Sept.	1, 1909	500,000		
Detroit & Bay City First Mortgage	Mar.	1, 1881	Mar.	1, 1931	3,576,000		
Total					\$15,976,000		
LEASED LINE BONDS.							
Michigan Air Line Mortgage	Oct.	10, 1870	Nov.	1, 1890	\$200,000		
Grand River Valley First Mortgage	Oct.	1. 1866	July	1, 1886	1,000,000		
Grand River Valley Rental							
Kal. & South Haven First Mortgage	Nov.	1, 1869	Nov.	1, 1889	640,000		
Kal. & South Haven Second Mortgage	Nov.	1, 1870	Nov.	1, 1890	70,000		
Jackson, Lansing & Saginaw First Mortgage	May	26, 1865	July	1, 1885	*1,106,000		
Jackson, Lansing & Saginaw First Mortgage	April	1, 1867	July	1, 1885	*171,000		
Jackson, Lansing & Saginaw Consol. Mortgage	Aug.	31, 1871	Sept.	1, 1891	1,943,000		
Jackson, Lansing & Saginaw Nor'n Extension	Mar.	1, 1881	Sept.	1, 1891	1,100,000		
Jackson, Lansing & Saginaw Rental							
Jackson, Lansing & Saginaw Expenses							
Joliet & Northern Indiana Rental							
Total					\$6,230,000		
GUARANTEED BONDS.							
Detroit & Bay City	May	1, 1872	May	1, 1902	\$274,000		
Detroit & Bay City (Bridge)	May	1, 1873	May	1, 1903	150,000		
Total					\$424,000		
Total Michigan Central					\$22,630,000		
CANADA SOUTHERN BONDS.					,		
First Mortgage	Jan.	1, 1878	Jan.	1, 1908	+\$14,000,000		
Second Mortgage	Feb.	15, 1883	Mar.	1, 1913	+6,000,000		
Total, Canada Southern					\$20,000,000		
GRAND TOTAL					\$42,630,000		

^{*}These Bonds (\$1,277,000), when due, will be paid from the J., L. & S. Land Grant Fund, and this Company will be thereafter released from \$102,160 annual interest.

+Total authorized.—The interest shown on these issues is the amount actually paid for that account during the year; the total of bonds authorized not having been issued.

Funded Debt, Interest, Rents, Etc.

INTEREST AND RENTS PAYABLE.

RATE.	AMOUNT.	Jan. 1st.	Mar. 1st.	May 1st.	June 1st.	July 1st.	Sept. 1st.	Nov. 1st.	Dec. 1st.
8 %	\$152,000 00	76,000 00				76,000 00			,
7 %	560,000 00			280,000 00				280,000 00	
5 %	100,000 00			50,000 00				50,000 00	
6 %	20,000 00		15,000 00				15,000 00		
5 %	178,800 00		59,825 00		29,575 00		59,825 00		29,575 00
	\$1,020,800 00					-			
8 %	\$16,000 00			8,000 00				8,000 00	
8 %	80,000 00	40,000 00				40,000 00			
	24,560 00	12,280 00				12,280 00			· • • • • •
8 %	51,200 00			25,600 00		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	25,600 00	
8 %	5,600 00			2,800 00				2,800 00	
8 %	88,480 00	44,240 00		••••		44,240 00			
8 %	13,680 00	6,840 00				6,840 00			
8 %	155,440 00		77,720 00				77,720 00		
6 %	66,000 00		33,000 00				33,000 00		
	70,000 00		35,000 00				35,000 00		
	750 00	Jan. 10th.	375 00		•••••	July 10th.	375 00	•••••	.
	89,000 00					44,500 00			••••••
	\$660,710 00						Management of the state of the		
8 %	\$21,920 00			10,960 00				10,960 00	
8 %	12,000 00			6,000 00				6,000 00	
	\$33,920 00								
	\$1,715,430 00	223,860 00	220,920 00	383,360 00	29,575 00	223,860 00	220,920 00	383,360 00	29,575 00
5 %	\$688,103 99								
5 %	235,068 19			-				i.	
	\$923,172 18		T THE COLUMN TWO COLUM					1	
	\$2,638,602 18						-		

HENRY PRATT,

Treasurer.

CONDENSED BALANCE SHEET.

Construction Accounts:	Capita	Capital Stock	\$18,738,204 00
Main Line	Bond Air. Asi9,667,459 61 Cor.	Bond Accounts: Air Line. \$1,400,000 00 Consolidated 7 per cents. 8,000,000 00 Consolidated 5 per cents. 2,000,000 00	
J., L. & S. R. R.—balance Northern Extension Investments	52,085 98 Gre 638,610 48 Det		15,976,000 00
Fuel and Supplies	605,129 88		
Jance	Accou	Accounts Payable	3,141,976 25
due on Niagara Falls Branch 275,586 98 Other accounts receivable	\$1,666,493 51 To From	Income Account: To December 31st, 1878	784 974 67
Uncollected earnings	1,010,675 46		H C C C C C C C C C C C C C C C C C C C
	\$43,640,454 92		\$43,640,454 92
		HENRY PRATT, T_h	RATT, Treasurer.

						19					
	\$706,540 39			٠		11,659,077 10		79,857 62			\$12,445,475 11
	Balance from 1883	Freight Earnings\$7,620,887 14	Passenger Earnings 3,464,559 75	Mail Earnings 207,872 13	Express Earnings 292,944 52	Miscellaneous Earnings 72,813 56	Interest and Dividends from Invest-	ments			•
1884.	Dec. 31.							,			
					£11 597 734 58	000000000000000000000000000000000000000	20,447 51			827,293 02	\$12,445,475 11
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Operating Expenses\$8,959,132 40	Interest—Main Line 660,000 00	Interest—Leased Lines 871,120 00	Rental—Leased Lines 184,310 00	Interest—Can. South'n 923,172 18	Can. Southern R'y, as per agreement,	one-third of net income.		a	Balance	
1884.	Dec. 31.						ı				

HENRY PRATT,

Treasurer.

REPORT

OF THE

Land Commissioner

OF THE

JACKSON, LANSING & SAGINAW RAILROAD COMPANY.

LANSING, MICH., Jan. 31st, 1885.

MR. HENRY B. LEDYARD,

PRESIDENT MICHIGAN CENTRAL RAILROAD,

DETROIT, MICH.

DEAR.SIR—I respectfully submit herewith my annual statement of the business of the Land Department of this Company for the year ending December 31st, 1884.

LANDS AND SALES.

LANDS.	Acres.	Amount.
Unsold January 1st, 1884, according to patents Sold during the year		
Unsold at the close of the year	317,126	
SALES.		
Lands		. 18,288 08
Timber		5,609 00
Total		23,897 08

The sales for the last five years are as follows:

	1880.	1881.	1882.	1883.	1884.
Acres sold	47,124	45,667	30,573	12,258	3,872
	\$14 46	\$14 14	\$13 49	\$7 24	\$ 4 72
Land sales	\$68,1341 09	\$645,953 41	\$412,562 77	\$88,824 69	18,288 08
	89,620 63	112,690 50	89,106 95	16,515 00	5,609 00
Total sales	\$ 770,961 72	\$758,643 91	\$501,669 72	\$105,339 69	\$23,897 08

RECEIPTS.

1000011 10.		
Cash on hand January 1, 1884. \$ 19,655 70 From payments on Land Contracts and Sales. 183,866 70		
From interest		
From Lansing National Bank (overdraft)		
Total	\$264,536	96
		=
DISBURSEMENTS.		
Deposited with Detroit National Bank of Detroit, to the		
credit of James F. Joy and John N. Dennison, Trustees. \$218,384 93	3	
For Taxes		
For Salaries	}	
For Advertising and Explorations 2,661 70)	
Miscellaneous	Ĺ	
Total	. \$ 264,536 \$	96
		=
ASSETS OTHER THAN LANDS UNSOLD.		
Amount due on Land Contracts	\$ 396,035/	96
Bills Receivable	1,685	15
Joy and Dennison, Trustees	1,481,463 (62
Total	\$1,879,184	73
LIABILITIES.		
I amain a Matianal Daula (amain fa ta amain mana)		
Lansing National Bank (overdraft to pay Taxes)	\$ 3,810 I	13

. O. M. BARNES,

Land Commissioner.