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PATENTS and REFERENCES.

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Lists of United States Patents

FOR

Cycles or Velocipedes with Attachments

1789, to July, 1893,

UNDER 72 NUMERICAL SUBDIVISIONS,

SUPPLEMENT TO THE DIGEST OF CYCLES OR VELOCIPEDES WITH ATTACHMENTS, 1789-1891,

ALSO

Cycle Monthly,

BEGINNING 1892, TO AND INCLUDING JUNE, 1893; WITH THE NUMBER,  
NAME, AND DATE OF THE REFERENCES CITED IN  
THE EXAMINATION OF APPLICATIONS  
BEFORE THE

United States Patent Office,

INCLUDING

INTERFERENCES, THE PARTIES TO THEM, AND THE FINAL DECISION.



COMPILED AND ARRANGED BY

JAMES T. ALLEN,

EXAMINER U. S. PATENT OFFICE, " WASHINGTON, D. C.

~~774 X 0~~

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7-3149

Number of First Patent in Each Calendar Year.

1836-1855		1856-1875		1876-1895			
Patents.	Reissues.	Patents.	Reissues.	Patents.	Reissues.		
1836, July 28.....	1	1856.....	14,009	337	1876.....	171,641	6,831
1837.....	110	1857.....	16,324	420	1877.....	185,813	7,452
1838.....	546	1858.....	19,010	517	1878.....	198,733	8,020
1839.....	1,061	1859.....	22,477	643	1879.....	211,078	8,529
1840.....	1,465	1860.....	26,642	874	1880.....	223,211	9,017
1841.....	1,923	1861.....	31,005	1,100	1881.....	236,137	9,523
1842.....	2,413	1862.....	34,945	1,253	1882.....	251,685	9,994
1843.....	2,901	1863.....	37,266	1,309	1883.....	260,820	10,265
1844.....	3,395	1864.....	41,047	1,599	1884.....	291,016	10,432
1845.....	3,873	1865.....	45,685	1,844	1885.....	310,163	10,548
1846.....	4,348	1866.....	51,784	2,140	1886.....	333,494	10,677
1847.....	4,914	1867.....	60,658	2,430	1887.....	355,291	10,793
1848.....	5,400	1868.....	72,959	2,830	1888.....	375,720	10,862
1849.....	5,993	1869.....	85,503	3,250	1889.....	395,305	10,978
1850.....	6,681	1870.....	98,460	3,784	1890.....	418,665	11,053
1851.....	7,865	1871.....	110,617	4,223	1891.....	443,987	11,137
1852.....	8,622	1872.....	122,304	4,687	1892.....	466,315	11,217
1853.....	9,512	1873.....	134,504	5,216	1893.....	488,976	11,298
1854.....	10,358	1874.....	146,120	5,717	1894.....	511,744	11,397
1855.....	12,117	1875.....	158,350	6,200			

Errata.

Page, 5, Make Safeties, With or Without Chain, Foot Propelled, read Safeties, Without Chain, Foot Propelled.  
 Page, 10, Make 4.442 read 448.442.  
 Page, 70, Make 281.633 read 281.933.  
 Page, 74, After the Caption 357,120 insert the following viz.  
 P. C.  
 358,531 Behringer, Charles, March 1, 1887, 915 415  
 References—Huber, 303,285. Aug. 12, 1884.  
 359,045 Wilson, William J., March 8, 1887, 915 415  
 References—Bruce, 309,193. Dec. 16, 1884.

P. C.  
 Devalin, 81,758. Sept. 1, 1868.  
 113,336, of 1846. English.  
 359,745 Smith, William E., March 22, 1887, 916 415  
 References—Butler, 308,747. Dec. 2, 1884.  
 Blackham, 311,803. Feb. 3, 1885.  
 Jefferson, 243,569. June 28, 1881.  
 882 of 1876. English.  
 Bowen, 328,280. Oct. 13, 1885.  
 Grant, 320,930. June 30, 1885.  
 Valiquet, 313,460. March 30, 1885.

Alphabetical List of Sub-Divisions, Giving Page, Number of Plate, Claim and Reference.

	P.	C.	A.		P.	C.	A.
Alarms—Bells.....	762	286	63	Railroad.....	550	252	46
Alarms—Whistles.....	762	287	64	Railroad—Elevated.....	984	309	79
Animal Propelled.....	791	321	66	Rowing.....	597	222	50
Awnings and Umbrellas.....	789	313	66	Saddles.....	440	239	36
Ball Bearings—Axles, Cranks, Forks and Pedals.....	580	290	48	Safeties—Drop Frame.....	87	42	9
Brakes.....	650	196	53	Safeties—Hand Propelled.....	113	54	11
Children's.....	497	208	41	Safeties—Tandem.....	102	49	10
Combined Land and Water.....	526	218	44	Safeties—Without Chain, Foot Propelled.....	49	25	5
Compressed Air.....	619	171	51	Safeties—With Chain, Foot Propelled.....	1	1	1
Cotton Picker's.....	792	309	66	Spring Propelled.....	602	314	50
Couplings for Socials.....	779	277	50	Stands.....	745	263	62
Cranks.....	677	224	50	Steam.....	619	171	51
Cycle Monthly, 1892 to July, 1893.....			93	Steps and Rests.....	782	278	05
Cyclometers.....	748	321	62	Supports.....	738	250	61
Designs.....	973	973	92	Supports for Cyclers' Pantaloons.....	786	312	60
Detached Parts—Backbones, Forks, Heads, etc.....	654	225	53	Suspenders.....	744	263	02
Electrical.....	619	171	51	Theatre Appl ances.....	1047	393	70
Four Wheels—Foot Propelled.....	426	181	35	Tires.....	986	331	79
Four Weeels—Hand Propelled.....	398	189	33	Toy.....	514	207	42
Four Wheels—With Two or More Seats.....	420	188	34	Trancycles.....	632	176	52
Gas.....	619	171	51	Trade Marks.....	793	703	67
Gearing.....	713	240	59	Tricycles—Combined Foot and Hand Power.....	214	93	10
Handles.....	692	265	57	Tricycles—Foot Propelled.....	278	100	23
Home Trainers.....	784	320	66	Tricycles—Hand Propelled.....	178	79	16
Hose Patches.....	963	357	91	Tricycles—Oscillating Seat.....	257	80	22
Hose and Tubing.....	807	435	86	Two Wheels—Seat Inside or at Either Side.....	643	215	53
Ice and Snow.....	539	199	44	Tricycles—Two Wheels A-reast, Swing Seat.....	206	84	23
Lanterns and Holders.....	766	288	64	Tricycles—With Two or More Seats.....	224	150	20
Locks and Locking Attachments.....	769	310	64	Unicycles.....	632	170	52
Luggage Carriers.....	773	299	65	Uprights—Tandem.....	154	72	14
Metal Working—Manufacture of Cycle Parts.....	597	304	48	Uprights—Trailing Wheel.....	116	55	11
Monocycle.....	632	176	52	Uprights—With Pilot Wheel.....	150	75	14
Od Can Holders.....	788	313	66	Watch Holders.....	700	288	00
One-Wheel.....	632	176	52	Water.....	518	210	43
Pedals.....	621	279	56	Wheels.....	855	393	67

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*Black Type in the Index, denotes Cycle Monthly, from 1892. to July 1893.*

	P.	C.	R.		P.	C.	R.
403,406 Abbott, Francis M.....	383	150	31	459,850 Arney, Frank J.....	550	207	46
205,330 Ackermann, Henry.....	408	192	33	474,279 Arnold, Clarence R.....	60	34	98
195,553 Adams, Edwin G.....	620	171	51	419,488 Arnold, Daniel J. C., and Post, Charles B.	943	427	77
10,256 (R.) Adams, Edwin G.....	621	172	51	120,478 Ashby, Lewis M.....	792	309	66
195,553 Adams, Edwin G.....	621	172	51	408,861 Asbury, John, and Turner, William B.....	478	345	39
477,095 Adams, Frederick G., and Henshaw, Francis T.....	85	48	100	285,946 Asbury, William.....	326	127	28
391,770 Adams, Gildeon S.....	524	221	43	566,839 Ascough, William.....	519	220	43
496,388 Adams, James W.....	243	151	115	485,678 Ash, Walter V.....	160	90	107
299,714 Adams, Robert.....	791	405	71	15,214 Asher, William A.....	987	361	79
357,138 Addicks, William H.....	242	163	21	93,159 Aspinwall, John A., and Perry, Charles M.....	126	73	104
475,950 Andrews, William.....	75	41	99	93,159 Aspinwall, John A., and Perry, Charles M.....	551	252	46
475,744 Agin, George W.....	74	40	99	93,159 Aspinwall, John A., and Perry, Charles M.....	551	252	46
456,751 Ahlborn, George.....	1037	388	85	299,317 Aspinwall, John A.....	528	219	44
258,207 Ahlert, Joseph.....	638	178	52	417,401 Astor, John J., Jr.....	652	197	53
287,980 Ahlert, William F., Joseph P., and John G.....	638	178	52	92,689 Atherton, Daniel W.....	225	156	20
433,508 Akers, William P.....	648	217	53	295,894 Atherton, Fisher C.....	332	129	28
229,655 Albrecht, Wilhelm.....	510	213	42	289,746 Auld, Joseph.....	328	127	28
28,231 Alden, Henry A.....	810	436	87	91,734 Austin, Jonathan, and Fraser, J.....	634	176	52
28,432 Alden, Henry A.....	811	436	87	146,159 Avery, George.....	431	183	35
97,853 Alden, Henry A.....	820	439	88	70,681 Ayer, Charles C.....	858	394	68
100,096 Alden, Henry A.....	821	439	88	91,018 Babbitt, B. T., and Holske, William F.....	619	171	51
227,685 Alexander, George B., and Gill, Joshua S., Jr.....	302	118	26	352,508 Babbitt, Seth William.....	744	263	62
92,243 Alexander, H. C.....	515	207	42	435,385 Babbitt, Seth W.....	487	350	40
98,097 Alexander, H. C.....	515	207	42	322,406 Balcovek, D. Marshall.....	199	104	18
216,639 Allaire, Charles B.....	667	359	42	401,105 Babe, Desiré A.....	88	43	9
336,372 Allridge, Arthur H.....	624	173	51	436,453 Backus, Edward.....	771	319	64
100,244 Allen, Albert F.....	821	439	88	249,347 Bacon, Fred W.....	120	56	11
91,061 Allen, Arthur M.....	56	28	6	476,118 Bailey, Fortune L.....	77	41	99
91,896 Allen, Arthur M.....	57	28	6	369,494 Bailey, Gilbert L.....	746	264	62
94,055 Allen, Arthur M.....	59	29	6	362,506 Bailey, Howard S., and Hall, Albert, C.....	418	416	74
94,056 Allen, Arthur M.....	59	29	6	380,012 Bailey, Howard S.....	925	418	75
94,057 Allen, Arthur M.....	59	29	6	285,205 Bailey, James G.....	325	126	28
103,957 Allen, Arthur M.....	61	29	6	161,924 Bailey, John J.....	506	211	41
223,691 Allen, Arthur M.....	300	117	26	97,340 Bailey, Sylvester M.....	533	209	44
278,071 Allen, Arthur M.....	883	402	70	179,253 Bailey, William H.....	994	363	80
294,178 Allen, Arthur M.....	330	128	28	270,896 Baillie-Hamilton, Charles R.....	450	339	36
444,642 Allen, Thomas G., Jr., Sachtleben, William L., and Walters, John F.....	778	302	65	288,154 Bain, William B.....	1049	310	64
458,992 Allen, William H.....	962	435	79	334,839 Baines, Hugh.....	238	161	21
115,674 Allen, William, and Bond, John W.....	293	114	25	351,150 Baines, Hugh.....	357	139	30
80,964 Allgate, John.....	399	169	33	351,243 Baines, Hugh.....	357	139	30
100,097 Allgaier, John.....	383	98	19	390,641 Baines, Hugh.....	378	147	31
424,044 Almond, Thomas R.....	853	454	91	375,914 Baird, William J.....	545	204	45
434,748 Almond, Thomas R.....	853	454	91	200,616 Baker, Elbridge.....	431	183	35
91,062 Ambler, George B.....	446	129	36	432,591 Baker, Henry H., Jr.....	788	312	66
21,828 Ames & Frost Co.....	145	145	107	439,372 Baker, Henry H., Jr.....	788	312	66
372,736 Ames, Emerson.....	370	143	31	456,779 Baker, Howard F., Lukin, George B., and Sheldon, John.....	1037	388	85
251,398 Amess, James.....	121	57	11	273,007 Baker, James.....	435	184	35
447,125 Anck, John M.....	742	262	62	462,191 Baker, James H.....	736	251	61
359,000 Anderson, Charles C.....	365	142	30	166,580 Baker, Seth W.....	833	444	89
98,657 Anderson, D. M.....	533	200	44	169,760 Baker, Seth W.....	833	444	89
461,866 Anderson, John E.....	244	263	62	170,803 Baker, Seth W.....	833	444	89
91,589 Anderson, Samuel.....	288	112	24	90,220 Baldwin, Orvide O., and Miller, Chas. H.....	55	28	6
310,868 Andrews, Reuben H.....	340	131	29	451,013 Ball, J.....	1033	385	85
92,928 Andrews, Solomon.....	288	113	24	212,884 Baltz, Sr., Henry W.....	189	100	17
95,629 Andrews, Solomon.....	60	29	6	261,290 Bancroft, James, and Wyke, Thomas H.....	516	207	42
384,600 Andrews, William.....	473	342	39	40,547 Bander, Charles L.....	179	97	16
371,011 Andrews, William T.....	662	230	54	18,348 Banker & Campbell Co.....	797	797	67
474,051 Angois, Paul, and Woodhead, Richard M.....	58	34	98	18,348 Banker & Campbell Co.....	798	798	68
382,311 Annin, Bryant W.....	615	318	51	363,354 Bannihir, Caesar R.....	690	699	57
461,690 Anthony, Jesse, and Everitt, Arthur.....	45	23	5	363,354 Bannihir, Caesar R.....	776	301	65
274,762 Anthony, Wendell P., and Handy, Chas. F.....	320	125	27	65,633 Bannihir, John.....	530	199	44
277,974 Anthony, Wendell P.....	714	249	59	449,460 Bamister, Loring H.....	788	313	66
490,229 Apple, Benjamin J., and Hohenstein, Henry.....	190	117	110	475,174 Barbour, Fred E.....	67	37	99
362,142 Appleby, John F.....	918	416	70	434,234 Barker, Arthur D.....	24	12	3
447,990 Archer, Frank, and Bowley, Arthur S.....	83	40	8	442,938 Barkman, Albert B.....	177	301	65
235,399 Arkins, Joseph.....	306	119	26	468,757 Barkman, Albert B.....	20	11	95
94,990 Armando, A.....	259	90	22	459,130 Barlow, Wilson H.....	962	435	79
308,729 Arms, George.....	843	448	90	474,897 Barnes, Charles O., and Lucien, Sr.....	66	37	98
308,730 Arms, George.....	844	448	90	250,483 Barnes, Raymond F., and Hansman, Max.....	749	322	62
416,541 Armstrong, Frank.....	783	279	66	433,760 Barr, Henry G.....	668	234	55
422,689 Armstrong, Frank.....	579	308	48	457,242 Barr, Henry G., and Peck, Frank E.....	112	533	10
182,095 Arnao, Juan, and Juan, Jr.....	535	201	45	494,992 Barr, Robert J.....	278	109	23
289,381 Arnett, John, and Bodfield, Charles T.....	840	447	90	39,192 Barr, Samuel W.....	888	404	71
				292,617 Barr, William C.....	888	404	71
				493,675 Barrett, Edward.....	219	136	113
				324,072 Barrett, Henry J.....	903	410	72



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345,476 Barrett, Henry, and Varley, John J.....	1008	370	81	329,004 Bettendorf, William P.....	906	411	73	
71,357 Barron, John.....	988	301	79	414,369 Bettendorf, William P.....	941	426	77	
425,017 Barrow, Louis, and Guest, Charles H.....	17	9	2	407,352 Betts, Arlington U., and Deardorf, Theodore H.....	8	5	93	
434,974 Bartlett, William E.....	1024	379	84	319,385 Bevan, William.....	131	61	12	
448,793 Bartlett, William E.....	1031	383	85	157,954 Bezent, Thomas.....	405	191	33	
11,216 (R.) Bartlett William E.....	1031	383	85	180,247 Bickford, Ezekiel C.....	787	312	66	
148,793 Bartlett, William E.....	1	1	03	19,886 Bidwell, George R., Cycle Company.....	803	803	67	
466,532 Barton, George A.....	921	417	74	358,533 Bierau, Theodor.....	698	268	58	
390,579 Barton, George A.....	261	106	117	358,590 Bierau, Theodor.....	698	268	58	
428,224 Baskerville, Herbert E.....	174	106	109	91,204 Bierbach, Charles W.....	999	362	80	
487,506 Bassett, George R.....	345	204	45	453,540 Bigelow, Frank R.....	735	251	61	
369,224 Batshelder, Edwin F.....	513	214	42	343,753 Biggs, David G.....	353	136	29	
304,466 Bate, James.....	279	169	119	351,873 Biggs, John, and Linley, Charles M.....	358	139	30	
499,903 Bates, Sadie M.....	117	67	103	354,642 Biggs, John, and Linley, Charles M.....	360	140	30	
180,166 Battersby, Arthur J.....	666	232	55	476,031 Bigelow, Frank R.....	76	41	99	
400,727 Baudreau, Leon.....	206	105	18	494,752 Bilz, John A.....	226	142	114	
372,106 Bayer, Frank J.....	561	257	47	466,112 Bingham, John H.....	1046	393	86	
317,437 Beach, David H.....	756	325	63	483,131 Bingham, John H.....	138	81	105	
369,209 Beach, Oliver B.....	759	327	63	473,816 Binns, William H.....	52	30	97	
366,447 Beach, Oliver B.....	123	58	11	473,817 Binns, William H.....	53	30	97	
280,558 Beale, John.....	873	308	69	473,818 Binns, William H.....	53	30	97	
237,235 Bean, John and Roscoe.....	309	120	26	480,061 Birchard, Francis H.....	116	66	103	
245,434 Bean, John and Roscoe.....	879	400	70	100,448 Bird, James R., and Rider, John P.....	822	439	88	
262,171 Bean, John.....	880	401	70	114,394 Bird, James R.....	822	440	88	
265,486 Bean, John and Roscoe.....	880	401	70	207,249 Bishop, George W.....	508	212	42	
268,768 Bean, John and Roscoe.....	1002	367	81	69,806 Bitter, Harry.....	964	357	91	
315,995 Bean, Roscoe.....	901	400	72	359,719 Black, David.....	357	139	30	
379,777 Bean, Roscoe, and Grant, Arthur W.....	165	337	38	432,814 Black, David.....	653	199	53	
341,847 Bean, Roscoe.....	939	425	76	311,803 Blackham, George E.....	898	408	72	
407,769 Bean, Roscoe.....	837	445	89	435,477 Blackledge, Rollin H.....	94	45	9	
209,953 Beatty, Robert P., and Haulenbeck, John H.....	245	93	19	88,120 Blair, John B.....	53	27	6	
91,702 Beaumont, John C.....	219	95	19	84,163 Blake, E. K. W.....	180	97	16	
295,333 Beavin, Louis.....	131	61	12	138,845 Blake, Lyman R.....	826	441	88	
318,532 Beausip, Arthur J., and Frank S.....	800	300	67	143,661 Blake, Lyman R.....	827	441	88	
19,296 Becannon & Keefe.....	266	84	23	446,280 Blakely, William.....	681	225	56	
86,495 Beck, Joseph.....	527	218	44	450,906 Blakely, William.....	712	277	59	
100,356 Beck, Joseph.....	397	156	32	450,907 Blakely, William.....	674	238	55	
464,448 Beck, Samuel H.....	96	47	9	462,295 Blaser, Gustav.....	517	208	43	
143,095 Becker, Hugo A.....	812	436	87	347,040 Blechschmidt, Gustave, and Hoefler, Herman.....	911	413	73	
45,218 Beckers, Alexander.....	134	23	27	211,959 Blood, Edwin J.....	299	117	26	
256,870 Beckwith, Walter C.....	815	438	87	211,960 Blood, Edwin J.....	64	30	7	
66,111 Bedford, Wm. G., and White, Thomas R.....	159	95	107	446,748 Blood, Maurice E.....	778	302	65	
485,572 Beebe, Charles F.....	192	101	17	446,748 (R.) Blood, Maurice E.....	191	118	111	
242,252 Beeger, Carl.....	261	99	22	446,748 Blood, Maurice E.....	779	302	65	
233,396 Beeger, Carl.....	389	152	32	453,741 Blood, Maurice E.....	779	302	65	
429,715 Beer, Carl, and Bond, Richard.....	641	179	32	480,760 Blood, Maurice E.....	121	69	104	
379,849 Beer, Hermann.....	642	180	32	481,800 Blood, Maurice E.....	130	75	105	
396,349 Behr, Hermann.....	915	415	74	482,938 Blood, Maurice E.....	136	80	105	
358,531 Behringer, Charles (See Errata).....	1023	378	83	363,300 Blossfeld, Emil.....	276	88	23	
424,452 Beidersmith, Peter J.....	7	4	93	323,289 Blount, John G.....	164	77	15	
467,245 Belden, Frank E.....	669	235	55	275,979 Blume, Herman.....	410	193	34	
443,266 Bell, Horace.....	889	404	71	458,142 Blundstone, Benjamin.....	1040	389	86	
296,307 Bell, John E.....	965	358	91	462,013 Blundstone, Benj., and Moseley, Joseph.....	1042	391	86	
141,536 Bellemere, John F., and Fleer, Francis R.....	445	187	36	475,732 Blundstone Benjamin, and Moseley, Joseph.....	73	40	99	
443,890 Belyea, James C.....	117	110	10	331,113 Bock, Anton H.....	273	87	23	
490,240 Bendure, Wm. H., and Tilbery, Scott.....	278	66	33	333,592 Bock, Anton H.....	658	228	54	
374,287 Benfield, Thomas.....	782	278	66	169,774 Bodel, Louis G., Masse, Jacques, and.....	215	93	19	
379,557 Benfield, Thomas.....	782	278	66	Webster, William.....	289,381 Bodifield, Charles T., and Arnett, John.....	840	447	90
277,870 Benham, William P.....	693	265	57	355,583 Bögel, Henry.....	765	287	64	
310,776 Benham, William P.....	695	266	57	306,262 Boland, Hamilton.....	934	423	70	
376,401 Benjamin, George H., and Wilder, Francis M.....	849	452	91	447,977 Bolck, Jerome.....	942	427	77	
478,838 Bennage, William D.....	58	33	98	443,815 Bolte, Frank H.....	670	235	55	
473,995 Bennett, Noble E.....	936	248	61	447,834 Bolte, Frank H.....	672	237	55	
399,475 Benster, Emory M.....	626	173	51	457,834 Bolte, Frank H.....	494	335	45	
390,003 Bentley, Charles E.....	627	173	51	457,835 Bolte, Frank H.....	494	335	45	
385,087 Benz, Carl.....	260	90	22	457,964 Bolte, Frank H.....	494	335	45	
386,798 Benz, Carl.....	50	28	97	476,974 Bolte, Frank H.....	83	40	100	
159,564 Bergeron, Michel, and Crother, Edwin.....	121	69	104	478,391 Bolte, Frank H.....	100	50	101	
473,493 Bergfels, Henry.....	190	117	110	479,201 Bolte, Frank H.....	107	61	102	
480,838 Bergfels, Henry.....	633	176	52	479,202 Bolte, Frank H.....	108	61	102	
490,097 Bergfels, Henry.....	538	202	45	499,707 Bolte, Frank H.....	277	167	118	
91,510 Bergner, Georg.....	540	202	45	500,368 Bolte, Frank H.....	282	172	119	
496,971 Berlo, Peter, and Fairbanks, Albert C.....	197	103	17	Bolton, John, Jr.....	420	188	34	
243,195 Bernhard, Charles.....	612	317	51	115,674 Bond, John W., and Allen, William.....	293	114	25	
295,719 Bernhard, Charles.....	279	169	119	429,715 Bond, Richard, and Beer, Carl.....	389	152	32	
302,090 Bernhard, Charles.....	227	142	114	186,136 Bonifis, Paul, and Katon, Walter.....	297	116	25	
329,003 Berrell, George B.....	216	66	103	68,344 Bonnaiffon, Glaucus H.....	816	438	87	
499,956 Berry, David R.....	131	144	114	379,812 Boothroyd, Isaac W., and Renouf, Philipp L. C. F.....	663	231	54	
494,839 Berry, Leander.....	430	78	13	90,489 Doris, P. J.....	55	28	6	
479,969 Berry, Wm. R., and Wright, David D.....	951	430	78					
495,293 Bertoux, Jean.....	905	411	73					
433,193 Best, Daniel.....								
325,585 Bettendorf, William P.....								

	P.	C.	R.		P.	C.	R.
21,967 Boston Woven Hose and Rubber				497,116 Brown, William G.	253	155	116
Company	163	164	168	94,068 Browne, A. W.	604	314	50
478,735 Boswell, George G. F.	103	58	102	215,876 Browne, James E.	216	94	19
438,836 Botsford, Frederick G.	854	454	91	240,300 Browne, James E.	65	30	7
450,926 Botorff, Andrew J.	985	309	79	463,093 Brower, Edwin, and Stillman, Augustus M.	780	314	66
356,095 Bouck, Charles A.	140	66	13	309,193 Bruce, William J.	897	408	72
385,403 Boudreau, Leon.	473	343	39	331,374 Bruegger, Abraham, Jr.	846	450	90
463,825 Boudreau, Leon.	679	239	56	334,510 Bruegger, Abraham, Jr.	847	450	90
495,777 Bouery, Pierre	239	146	115	359,126 Brusie, James	140	66	13
207,489 Bouguignon, Wendell.	836	445	89	359,127 Brusie, James	140	66	13
80,901 Burn, Augustus O.	817	438	87	249,166 Bryant, William E., and Fielding, Geo. W.	877	400	70
469,227 Bouse, William G.	24	13	95	439,382 Bryden, Henry L.	212	108	19
328,280 Bowen, Ephraim N.	905	441	73	199,409 Buchanan, Alonzo M.	431	183	35
445,710 Bowen, Ephraim N.	747	265	62	444,086 Buckton Albert R.	955	432	78
390,854 Bowen, Richard E.	777	86	23	265,751 Buddenberg, Henry C.	194	102	17
384,120 Bowens, Walter T.	269	290	64	331,276 Buell, Charles E.	623	173	51
442,948 Bowley, Arthur S.	1029	382	84	90,723 Buell, George C.	56	28	6
447,099 Bowley, Arthur S., and Archer, Frank.	83	40	8	1,598 Buffalo Wheel Company	109	109	103
294,753 Bowa, Albert.	219	95	19	495,014 Bull, Willie S.	963	357	91
495,661 Bown, William, and Hughes, Joseph H.	234	145	114	495,015 Bull, Willie S.	229	143	114
502,468 Boyd, Horace B.	283	172	110	495,014 Bull, Willie S.	229	143	114
452,503 Boyd, James McD.	653	199	53	478,564 Bullard, Frederick H., and Harrington, Frank.	101	57	102
25,239 Boyd, John C.	899	435	87	443,818 Bullard, James H.	28	14	3
5-731 (R.) } Boyd, John C.	810	436	87	483,344 Bullard, James H.	140	82	105
25,239 } Boyd, John C.	810	436	87	466,598 Bunker, William I.	3	2	93
53,214 Bradford, Charles K.	602	314	50	469,624 Bunker, William I.	25	14	95
83,935 Bradford, Charles K.	278	109	23	471,417 Bunker, William I.	36	20	96
477,292 Bradley, James	88	49	100	477,502 Bunker, William I.	89	50	101
21,068 Bradshaw Manufacturing Company	62	62	100	477,503 Bunker, William I.	89	50	101
427,663 Brady, Frank.	564	257	47	477,504 Bunker, William I.	90	50	101
447,935 Brady, Frank.	565	258	47	477,505 Bunker, William I.	90	50	101
462,908 Brady, Frank.	565	258	47	477,506 Bunker, William I.	90	50	101
473,609 Brampton, Walter.	51	29	97	488,061 Bunker, William I.	176	107	109
283,697 Branham, Alvin J.	540	202	62	499,009 Bunker, William I.	270	164	118
112,116 Branning, David L.	748	321	62	94,559 Bunn, Lewis D.	518	220	43
222,861 Brash, Carl.	509	213	41	352,980 Burbank, Edward S.	645	216	53
428,881 Braunfeld, Henry E.	593	202	45	355,253 Burdick, Adam	362	141	30
256,634 Bray, James B.	733	202	86	394,335 Burdick, Adam	660	229	54
Breed, Samuel D.	807	435	86	420,227 Burgess, William D., and Munz, Theodore C.	944	427	77
452,336 Breitenmoser, Joseph.	649	218	53	238,454 Curin, Henri B.	527	218	44
21,101 Bretz & Curtis Manufacturing Co.	65	65	100	253,504 Curley, Franklin G.	449	330	36
457,861 Bretz, Jacob S.	966	434	79	264,855 Curley, Franklin G.	228	157	20
478,394 Bretz, Jacob S.	100	56	101	326,946 Curley, Franklin G.	461	335	37
404,771 Breux, Joseph F.	73	34	107	299,617 Burlinghausen, Bernerd G.	639	179	52
485,369 Breyer, Johannes F.	157	94	17	439,922 Burnap, Chas. E., and Wood, Ellery W.	96	47	9
247,156 Bridgman, Henry C.	193	101	17	133,560 Burnham, George L.	825	441	88
452,562 Briggs, Frank	618	320	51	87,630 Burns, Jabez.	280	110	23
444,519 Briggs, Franz S.	956	432	78	299,733 Burns, Robert.	752	323	63
317,494 Briggs, George S.	900	409	72	324,749 Burroughs, John W.	612	317	50
448,204 Briggs, Henry	149	70	14	248,998 Burstow, Edward.	433	183	35
233,723 Britton, Henry W.	118	56	32	338,657 Burton, George D.	590	295	49
353,917 Britton, Rodney G.	359	140	30	470,317 Burton, Thomas.	32	18	96
430,107 Brock, William E.	389	152	40	467,914 Burwell, George A.	15	9	94
441,820 Broomey, Joseph E., and Straus, Alex.	1027	381	84	483,990 Burwell, George A.	146	86	106
456,792 Brooks, Frederick	493	354	63	486,556 Burwell, George A.	168	101	108
320,396 Brooks, Henry O.	754	323	63	496,664 Burwell, Geo. A., and Moore, Chas. J.	246	153	116
365,043 Brooks, Henry O.	758	327	63	496,665 Burwell, Geo. A., and Moore, Chas. J.	246	153	116
401,123 Brooks, John B.	475	345	39	95,648 Buschman, Victor H.	215	93	19
421,233 Brooks, John B.	483	347	39	155,569 Bush, William	187	99	16
484,289 Brooks, John B.	147	87	106	164,902 Bush, William	295	115	25
484,290 Brooks, John B.	147	87	106	270,737 Butcher, Joseph.	751	322	62
435,730 Brooks, John D.	212	108	19	300,568 Butcher, Joseph.	762	286	63
326,012 Brooks, Samuel T.	969	359	92	353,479 Butcher, Joseph.	755	324	63
472,427 Brooks, William S.	44	25	97	356,822 Butcher, Joseph.	756	324	63
473,867 Brosnan, Cornelius J.	55	31	98	357,758 Butcher, Joseph.	756	324	63
116,409 Brown, Adna	184	99	16	478,086 Butcher, Joseph.	97	55	101
474,589 Brown, Alexander T.	63	36	92	308,747 Butler, Alonzo E.	897	407	72
488,494 Brown, Alexander T., and Stillman, George F.	180	111	110	28,647 Butler, John.	811	436	87
302,979 Brown, Charles M.	664	266	57	438,526 Butler, Maguler	772	311	64
281,580 Brown, Fernando, and Talbot, Frank H.	796	288	64	486,146 Butler, William H., and Westwood, Frederick	164	99	107
355,575 Brown, Frederic W.	728	245	60	91,602 Butterfield, Abner L.	182	98	16
439,416 Brown, Harry H.	70	33	7	491,335 Buysse, Edward	202	127	112
393,417 Brown, Harvey.	20	11	95	69,403 Buzzell, John G.	858	394	68
468,721 Brown, Harvey.	20	11	95	82,690 Buzzell, John G.	860	394	68
499,627 Brown, James A.	275	166	118	98,920 Buzzell, John G.	862	395	68
256,118 Brown, James O.	313	122	27	478,724 Cable, Frank D., and Tuttle, John H.	103	58	102
103,307 (R.) } Brown, James O.	314	122	27	485,583 Owen E.	159	95	107
256,118 } Brown, James O.	314	122	27	494,408 Cable, Frank D.	222	139	114
264,133 Brown, James O.	997	365	80	494,803 Cable, Frank D.	226	142	114
60,335 Brown, John H.	501	210	41	494,804 Cable, Frank D.	227	142	114
485,605 Brown, Kirk	159	95	107	495,301 Cable, Frank D.	231	144	114
356,028 Brown, Nathaniel.	276	88	23				
446,181 Brown, Seth A.	671	236	55				
209,856 Brown, Thomas	871	398	69				

	P.	C.	R.		P.	C.	R.
496,681 Cable, Frank D.....	247	154	116	106,780 Clime, John C.....	429	182	35
465,159 Cain, Harry A.....	790	288	66	125,273 Clime, John C.....	430	182	35
85,640 Callaghan, Cornelius.....	214	93	19	315,003 Clime, John C.....	261	90	22
496,336 Callaghan, William S.....	242	149	115	426,524 Clough, John, and Carter, George.....	733	250	61
197,245 Callahan, Cornelius.....	835	445	89	866,620 Clouse, Joseph N.....	920	417	74
209,859 Callahan, Cornelius.....	836	445	89	433,889 Clouse, Joseph N.....	390	153	32
218,661 Callahan, Cornelius.....	837	445	89	449,205 Clouse, Joseph N.....	957	433	78
222,770 Callahan, Cornelius.....	838	446	89	460,332 Coates, Robert.....	743	262	62
278,312 Callahan, Cornelius.....	840	447	89	475,384 Cockburn, John.....	69	38	99
477,042 Calver, Washington I.....	84	47	100	123,809 Coe, Lawrence W.....	619	171	51
18,348 Campbell & Banker Co.....	797	797	67	495,218 Coe, William J.....	230	144	114
18,349 Campbell & Banker Co.....	798	798	67	497,068 Coffin, George H.....	252	155	116
240,965 Campbell, Omer F., and Prindle, Frank L.....	554	254	40	319,130 Coffin, John E., and Rudling, William A.....	131	61	12
260,840 Candler, Claude H., and Whitehead, James.....	218	95	19	107,226 Coffin, Mark.....	64	30	6
363,587 Canfield, Charles G.....	019	410	74	90,128 Cohn, Henry S.....	632	176	52
478,918 Cannon, Clinton D.....	106	60	102	95,325 Coleman, William H.....	60	29	6
302,098 Cardona, Joseph.....	231	158	20	83,132 Coles, George, Jacques, James A., and Fanshawe, John A.....	817	438	87
364,989 Carmont, William H.....	1012	372	82	370,450 Collicutt, George M.....	1	1	1
76,409 Carney, Andrew.....	817	438	87	402,143 Colling, Charles J.....	707	274	59
434,041 Carpenter, Arsene.....	052	431	78	474,215 Collins, Charles M.....	60	34	98
250,644 Carpenter, James.....	877	400	70	230,176 Collins, Henry C., Collins, Daniel H., and Tuttle, John W. T.....	303	118	26
482,271 Carr, Chas. A., and Openshaw, Geo.....	133	77	105	64,285 Collins, Patrick H.....	964	357	91
273,815 Carr, Jerome S.....	643	215	53	259,099 Collins, Paul E.....	316	123	27
300,046 Carr, Robert S.....	891	405	71	376,073 Collier, Charles L.....	563	257	72
319,452 Carr, Robert S.....	901	409	72	481,762 Colman, Frank B., and Ives, John F.....	129	75	104
17,905 Carstens, Heinrich, W. F.....	620	171	51	378,406 Colney, Joseph F.....	739	260	61
398,228 Carstensen, Larms F.....	729	247	61	233,919 Coloney, Myron.....	520	220	43
422,723 Carstensen, Larms F.....	595	298	49	407,083 Colthar, William U.....	6	4	93
354,535 Carter, Anson A.....	170	81	15	93,967 Combs, A.....	504	210	41
428,524 Carter, George, and Clough, John.....	733	250	61	491,016 Comstock, Harry.....	198	124	111
388,949 Carter, Hector M.....	689	283	57	388,763 Conar, Milton M.....	642	180	52
450,991 Carter, James.....	265	93	22	191,278 Conklin, John E.....	515	207	42
88,366 Case, J. M.....	258	90	22	10,213 (R.) Conkling, John E.....	515	207	42
23,162 Central Cycle Manufacturing Company.....	263	265	117	101,278 Connor, Thomas K. and Thomas D.....	257	171	22
433,720 Chace, Albert F.....	101	108	18	452,541 Conover, Jacob A., and Crandall, Benjamin P.....	498	208	41
78,260 Chaffee, Edwin M.....	819	438	87	306,001 Cook, John H.....	560	256	47
150,481 Chaffee, Edwin M.....	829	442	88	364,993 Cook, William.....	469	339	38
449,281 Challiner, Charles.....	1031	383	85	152,214 Cooke, Augustus.....	294	114	25
467,769 Challiner, Charles.....	13	8	94	153,423 Cooke, Augustus.....	294	115	25
468,611 Chamberlain, Edgar.....	17	10	94	479,056 Cooke, Howard E.....	106	60	102
490,425 Chamberlain, George D.....	193	119	111	261,136 Cooley, B. Frank.....	655	226	53
490,044 Chamberlain, George D., and Selden Edward G.....	270	164	118	271,799 Coomans, Felix A.....	527	219	44
402,304 Chapin, Horatio P.....	783	279	66	491,429 Cooper, Frederick, Keen, John, and Marriott, Thomas R.....	203	128	112
323,635 Chapin, William H.....	1003	368	81	12,406 Cooper, George B., Herbert, William H., and Hillman, William.....	794	794	67
391,882 Chapman, George J.....	5	3	1	19,858 Cooper, George B., Herbert, William H., and Hillman, William.....	802	802	67
329,362 Chapman, Herman L.....	220	96	10	498,047 Cooper, John W.....	250	160	117
441,627 Chappell, George H.....	176	84	16	286,180 Cooper, Montreville.....	326	127	28
284,612 Charsley, Robert H.....	322	126	28	358,066 Copeland, James S.....	660	229	54
53,572 Chase, William K.....	398	189	33	364,632 Copeland, James S.....	700	270	58
420,863 Cheever, Henry D.....	852	453	91	367,368 Copeland, James S.....	701	271	58
86,504 Cheever, John H.....	089	392	79	371,432 Copeland, James S.....	375	146	31
53,161 Cheney, Merick L., and McAuley, Thomas.....	814	437	87	385,847 Copeland, James S.....	250	168	22
382,351 Cherry, Matthew A.....	249	166	21	391,947 Copeland, James S.....	651	197	53
465,692 Children, Edwin.....	063	435	79	412,322 Copeland, James S.....	26	15	95
81,603 Christian, Andrew.....	502	210	41	469,626 Copeland, James S.....	149	88	106
87,245 Christian, Andrew, and Reinhart, John.....	427	182	35	484,492 Copeland, James S.....	207	129	112
108,967 Christian, Andrew.....	403	191	33	491,937 Copeland, James S.....	212	132	112
263,857 Church, James.....	434	183	35	492,470 Copeland, James S.....	624	173	51
248,709 Churchill, Lucius R.....	120	56	11	360,760 Copp, Charles H.....	561	257	47
328,761 Cilley, John H.....	237	160	21	327,770 Copper, Luther S.....	462	335	37
358,730 Cilley, John H.....	243	164	21	350,868 Copper, Luther S.....	466	338	38
338,484 Clair, Joshua R.....	908	412	73	351,251 Copper, Luther S.....	466	338	38
420,036 Clark, Alexander H.....	75	35	8	448,774 Copper, Luther S.....	490	352	40
486,432 Clark, Alexander H.....	165	100	108	20,678 Copps, Charles.....	983	983	93
46,295 Clark, Anthony.....	813	436	87	443,499 Coram, Stephen, and Kuolt, Joseph.....	549	206	46
192,055 Clark, George P.....	995	364	80	453,939 Cornelius, Wilbur F.....	491	352	40
128,211 Clark, Jerome.....	864	395	68	455,864 Cornelius, Wilbur F.....	40	20	4
269,919 Clark, Joseph.....	881	401	73	156,281 Cornwall, George.....	992	363	80
94,565 Clark, William B.....	268	85	23	167,102 Cornwall, George.....	995	364	80
334,184 Clarke, Charles M.....	403	336	38	180,847 Cornwall, George.....	994	363	80
483,422 Class, Philip.....	140	82	105	481,435 Corser, Harvington, and Stone, Thomas H.....	126	72	104
488,539 Claus, Hubert.....	181	111	110	463,329 Cottle, Luther M.....	675	230	50
433,852 Claussen, Alexander E.....	223	97	18	345,414 Coudyser, Adolph.....	516	208	42
431,223 Clappoy, Albert.....	1024	379	84	325,591 Coultas, Joseph A.....	846	449	90
380,200 Clegg, Wesley.....	5	3	1	348,619 Courtney, Charles E.....	599	223	50
427,048 Clegg, Wesley.....	21	10	2	450,682 Cowan, Thomas, and Evans, Walter A.....	395	155	32
468,643 Clement, Felix.....	18	10	94				
304,504 Clemson, William.....	127	60	12				
316,009 Clemson, William.....	130	61	12				
324,536 Clemson, William.....	685	281	56				
86,906 Clime, John C.....	427	182	35				
96,396 Clime, John C.....	290	113	24				

	P.	C.	R.		P.	C.	R.
344,250 Cowen, Robert.....	847	457	90	109,408 Dancy, John C., Stuart, Reuben, and Hanchett, Daniel.....	429	182	35
495,454 Cowen, Robert, and Cummings, Henry H.....	232	145	114	449,944 Danzenbaker, Howe E.....	26	13	3
497,034 Cowen, Robert.....	256	157	116	485,839 Darling, Robert F.....	160	90	107
89,293 Cowles, Edwin, and Metten, George R.....	55	27	6	98,474 Darzif, Levi.....	533	200	44
271,800 Cox, John J.....	218	95	19	471,959 Darr, Isaac.....	42	23	96
279,541 Cox, Lorenzo D.....	195	102	17	429,145 Davenport, Charles R.....	14	8	2
406,989 Cox, Marion W.....	6	4	93	215,334 Davenport, Nelson.....	553	253	46
377,801 Crampton, James.....	849	452	91	295,304 Davidson, George L. O.....	230	158	20
31,872 Crandall, Benjamin P., and Conover, Jacob A.....	498	208	41	486,542 Davies, Preston.....	107	101	108
79,553 Crandall, Benjamin P.....	398	189	33	488,670 Davies, Preston.....	182	112	110
3,207 (R.) } Crandall, Benjamin P.....	399	189	33	276,786 Davies, Thomas A.....	320	125	27
79,553 } Crandall, Benjamin P.....	399	189	33	296,936 Davies, Thomas A.....	196	103	17
9,090 (R.) } Crandall, Benjamin P.....	399	190	33	296,937 Davies, Thomas A.....	196	103	17
79,553 Crandall, Benjamin P.....	401	190	33	93,067 Davis, D. P.....	861	395	68
92,273 Crandall, Jesse A.....	402	198	33	416,751 Davis, George H.....	11	6	2
31,302 Crandall, Jesse A.....	402	200	33	379,373 Davis, Henry A.....	143	67	43
99,166 Crandall, Jesse A.....	402	190	33	86,952 Davis, James.....	819	438	87
166,575 Crandall, Jesse A.....	406	192	33	499,876 Davis, James E.....	279	109	119
118,695 Crandall, Jesse A.....	185	99	16	224,153 Davis, Percy L.....	116	55	11
199,518 Crandall, Jesse A.....	597	211	42	148,422 Davis, Robert W. and Daniel.....	865	390	68
436,305 Crandall, Jesse A.....	77	36	8	151,360 Davis, Robert W.....	866	396	68
359,723 Crandall, William E.....	513	214	42	478,187 Davis, Whitney C.....	99	55	101
258,559 Crane, Moses G.....	66	30	7	292,545 Davis, William H.....	683	280	56
481,476 Cranmer, William S.....	126	73	104	381,116 Davis, Willis.....	514	215	42
499,659 Cranston, James F.....	275	107	118	488,626 Davison, Augustine C.....	182	111	110
498,172 Craven, Charles M., and Kortright, George W.....	260	160	117	115,715 Davol, William C., Jr.....	964	358	91
444,130 Crawford, Harvey F., and Lambert, Richard C.....	631	175	52	165,481 Day, Charles M.....	535	201	45
444,131 Crawford, Harvey F., and Lambert, Richard C.....	631	175	52	344,442 Day, George H.....	1007	370	81
421,557 Crawford, Robert S.....	690	284	57	388,480 Day, George H.....	783	279	66
406,705 Creclius, Louis J.....	939	425	76	4,150 Day, Horace H., and McMullen, Richard.....	808	435	86
473,728 Credlebaugh, Henry S.....	52	30	97	7,650 Day, Horace H., and McMullen, Richard.....	808	435	86
398,945 Credlebaugh, Henry S.....	776	301	65	284,724 Day, Samuel and Reason.....	885	403	70
338,448 Crispin, Thomas.....	516	207	42	96,208 Dayton, Charles E.....	60	29	6
194,416 Croft, Matthew E.....	298	116	25	467,352 Deaeroff, Theodore H., and Betts, Arlington U.....	8	5	93
224,397 Crook, Charles.....	968	359	92	381,763 Dearlove, Joseph H. and Thresher, Harry.....	371	145	31
486,630 Crook, William H.....	168	102	108	303,821 De Beaulieu, George.....	127	59	12
472,287 Crooker, William W.....	43	25	97	416,095 De Bogory, Progre P.....	942	426	77
487,473 Crosby, George S.....	173	105	109	463,302 Decker, Thomas O.....	47	24	5
170,994 Crosby, Giles H.....	869	397	69	309,933 Deering, James A.....	349	131	29
500,472 Cross, Edward S.....	283	172	119	306,813 DeGray, Abram M.....	896	407	72
75,531 Crossley, William G.....	526	218	44	494,294 De LaRue, Jules M.....	518	219	43
159,564 Crother, Edwin, and Bergeron, Michael.....	260	90	22	133,211 Delescaud, Peter.....	185	99	16
316,649 Crowden, Charles T., and Pausy, Herbert J.....	102	50	10	208,635 Delkescamp, Adolph.....	880	401	70
244,742 Crowell, John S.....	876	399	60	385,547 Demarest, Francis M.....	765	287	64
295,150 Crowley, Daniel.....	230	158	20	425,993 De Mars, Magloir.....	947	429	77
296,680 Crowley, Daniel.....	196	102	17	427,301 Deming, Charles G.....	948	429	77
323,640 Crowley, Daniel.....	343	133	29	222,022 Denham, Perry.....	190	100	17
367,025 Crowley, Daniel.....	222	96	19	427,057 Dennau, Peter, Sr.....	948	429	77
476,157 Crowl, Solomon F., and Moore, Thos. W.....	77	42	99	450,144 Dennau, Peter, Sr.....	957	433	78
472,570 Cabbage, Charles A.....	45	26	97	436,648 Dennett, Daniel.....	497	359	40
213,109 Culver, Newton H., and Hinckley, Hermon.....	189	100	17	223,118 Dennis, James H.....	537	202	45
305,053 Cumming, John F.....	598	223	50	393,499 Denney, John S.....	413	194	34
87,913 Cummings, Charles.....	860	394	68	86,738 Denoy, William.....	593	210	41
495,454 Cummings, Henry H., and Cowen, Robert.....	232	145	114	279,356 Denton, William B.....	321	125	27
383,214 Cummings, Michael J.....	1015	374	82	286,593 Deputy, Jessie J.....	272	86	23
307,021 Cummins, Patrick H.....	896	407	72	349,145 Deputy, Martin M., and Wm. B.....	203	104	18
393,218 Cummins, Patrick H.....	933	422	76	22,801 Derby Cuy Company.....	232	233	115
491,040 Cummins, Theodore.....	198	124	111	74,058 Derozer, Louis.....	426	181	35
315,743 Curlin, Seth.....	522	221	43	341,736 De Sable, Theodore J.....	437	184	36
401,736 Curlin, Seth.....	524	221	43	81,758 De Valin, W. H.....	859	394	68
255,775 Curtin, Andrew F.....	122	57	11	488,603 Devore, Levi M., and Forry, Chas. E.....	181	111	110
471,075 Curtis, Albert B., and Perkins, Albert.....	34	19	96	314,520 Deweece, James E.....	899	408	72
348,891 Curtis, Henry J.....	355	138	30	281,468 Dewell, Samuel.....	751	322	62
431,740 Curtis, Henry J.....	785	320	66	447,540 DeWolfe, Edward R.....	761	328	63
476,253 Curtis, Wallace B., and Long, Eugene.....	79	43	100	455,014 DeWolfe, Edward R.....	492	353	40
447,145 Cushman, George W.....	601	285	57	458,710 DeWolfe, Edward R.....	761	328	63
478,092 Cushman, Joseph W.....	97	55	101	466,556 DeWolfe, Edward R.....	1042	391	86
499,718 Cutler, Henry.....	277	168	118	471,813 DeWolfe, Edward R.....	40	22	93
83,696 Cutter, C. N.....	180	97	16	480,400 DeWolfe, Edward R.....	118	67	103
436,403 Dabbs, William.....	776	301	65	472,528 DeWitt, William H.....	45	26	97
347,160 Daimler, Gottlieb.....	543	204	45	478,415 DeWitt, William H.....	100	57	101
376,638 Daimler, Gottlieb.....	625	173	51	485,094 Dey, Harry E., and Griswold, Frederick B.....	152	91	106
155,183 Dale, John H., and Henderer, Edmond.....	186	99	16	473,829 Diamond, James.....	53	30	98
488,988 Dalisac, Oscar.....	185	113	110	319,682 Dieckey, Lindsey.....	199	103	18
445,118 Dallmer, Albert, and Krieger, Julius.....	712	276	59	89,977 Dickinson, Alfred S., and Doty, C. J.....	284	111	24
				450,997 Dies, Charles A.....	84	40	8
				91,829 Dillaha, John G.....	634	177	52
				93,686 Dillaha, John G.....	401	190	33
				325,823 Dillon, James M.....	345	133	29
				432,381 Dillon, William H.....	733	250	61
				143,813 Dimmick, Daniel.....	865	396	68

	P.	C.	R.		P.	C.	R.		
105,251	Dingee, Montgomery, and Roberts, Samuel D.....	505	210	41	402,313	Duryea, Charles E.....	475	344	39
345,218	Dion, Peter.....	910	412	73	432,124	Duryea, Charles E.....	23	11	3
306,464	Dion, Peter.....	920	417	74	432,125	Duryea, Charles E.....	486	349	39
138,486	Dismer, George.....	405	191	33	432,126	Duryea, Charles E.....	691	285	57
302,612	Dobbins, Edwin A.....	768	289	64	450,699	Duryea, Charles E.....	1041	390	86
148,428	Dodge, George P.....	828	442	88	493,488	Duryea, Charles E.....	217	135	113
148,677	Dodge, Theodore A.....	828	442	88	97,176	Duryea, Wright.....	991	362	80
150,304	Dodge, Theodore A.....	829	442	88	466,064	Dustin, Frank J.....	779	303	65
156,017	Dodge, Theodore A., and Street, Edward A.....	830	443	88	362,883	Dutton, William R.....	757	325	63
384,134	Donkel, Lloyd H.....	438	185	36	277,246	Dutrow, David E.....	261	90	22
384,135	Donkel, Lloyd H.....	928	420	75	295,861	Dutrow, David E.....	331	129	28
425,934	Donkel, Lloyd H.....	947	429	77	247,809	Dutton, Joseph.....	713	240	59
396,991	Donmoyer, Rudolph W.....	935	423	76	91,535	Dyer, Elisha, and Greene, Allen.....	633	176	52
404,692	Donmoyer, Rudolph W.....	1020	377	83	439,492	Dyre, William E.....	765	288	64
447,234	Donnelly, Samuel A.....	31	16	3	479,792	Eager, William, A. W.....	113	65	103
448,569	Donnelly, Samuel A.....	596	299	59	314,440	Eames, Elisha D.....	844	449	90
297,238	Dopp, Frederick J. W., and Wolf, Geo.....	334	130	28	404,693	Eashope, Alfred.....	9	5	1
468,560	Dorchester, Edward G.....	17	9	94	423,471	Eashope, Alfred.....	92	45	9
472,786	Dorchester, Edward G.....	46	26	97	89,567	Eaton, Elijah.....	514	207	42
477,048	Dorchester, Edward G.....	85	47	100	406,148	Eckenroth, Geo., and Rullmann, John D.....	263	92	22
417,550	Döring, Emil, and Siegert, Friedrich A.....	739	260	61	413,639	Eddy, John B.....	479	345	39
424,864	Döring, Emil, and Siegert, Friedrich A.....	740	261	61	449,111	Edelstein, Joseph.....	394	155	32
469,510	Dorr, George W.....	25	14	95	486,191	Edlin, Robert.....	164	99	108
89,977	Doty, C. J., and Dickinson, Alfred S.....	284	111	24	264,674	Edmonds, John A.....	194	102	17
107,345	Douglas, Charles H.....	533	200	44	256,303	Edwards, Elias.....	433	183	35
269,295	Douglas, Frank.....	24	14	95	442,871	Edwards, William J.....	98	48	9
467,342	Douglas, Frank.....	8	4	93	448,739	Edwards, William J.....	490	351	40
467,343	Douglas, Frank.....	8	5	93	466,134	Edwards, William J.....	49	25	3
467,344	Douglas, Frank.....	8	5	93	469,883	Edwards, William J.....	31	18	95
469,339	Douglas, Frank.....	24	14	95	470,185	Edwards, William J.....	67	37	99
469,627	Douglas, Frank.....	26	15	95	475,207	Edwards, William J.....	69	38	99
469,628	Douglas, Frank.....	26	15	95	475,444	Edwards, William J.....	69	38	99
469,629	Douglas, Frank.....	27	15	95	475,445	Edwards, William J.....	69	38	99
469,630	Douglas, Frank.....	27	15	95	491,162	Edwards, William J.....	101	127	111
472,341	Douglas, Frank.....	43	25	97	444,341	Egg, Gustave A.....	735	251	61
396,044	Douglas, Frank.....	246	153	116	444,342	Egg, Gustave A.....	735	251	61
363,218	Downes, Moses H.....	757	329	63	481,302	Egg, Frederick.....	125	72	104
393,735	Downes, Moses H.....	758	326	63	107,388	Eggett, John.....	292	114	25
363,993	Downes, Moses H.....	758	326	63	327,666	Ehrlich, Leo.....	134	63	12
411,790	Downs, Allison O.....	384	150	32	462,115	Eisenhart, Jeremiah.....	46	23	5
134,654	Downs, William C.....	826	441	88	99,421	Elder, R. G.....	403	190	33
138,807	Downing, Leverett H.....	826	441	88	288,413	Elliott, James B.....	1047	303	79
158,631	Downing, Leverett H.....	830	443	88	288,414	Elliott, James B.....	1047	303	79
165,159	Downing, Leverett H.....	832	443	89	463,891	Elliott, Judson A.....	517	208	43
494,556	Doyle, Thomas W.....	225	141	114	288,219	Elliott, Leonard W.....	608	316	50
319,470	Drake, Franklin J.....	461	335	37	379,270	Elliott, Sterling.....	372	145	31
399,952	Drake, Fred M.....	705	272	58	428,383	Elliott, Sterling.....	652	198	53
490,844	Draper, George O.....	196	123	111	440,701	Elliott, Sterling.....	1027	381	84
402,812	Draper, John.....	210	107	18	440,702	Elliott, Sterling.....	1027	381	84
193,365	Drevar, George.....	519	220	43	442,174	Elliott, Sterling.....	111	53	10
397,458	DuBois, Howard M.....	1016	374	83	442,663	Elliott, Sterling.....	444	187	36
397,459	DuBois, Howard M.....	1017	374	83	442,730	Elliott, Sterling, and Richards, Hubert P.....	1028	382	84
411,791	DuBois, Howard M.....	1021	377	83	446,670	Elliott, Sterling.....	392	154	32
412,699	DuBois, Howard M.....	1021	377	83	446,671	Elliott, Sterling.....	392	154	32
419,008	DuBais, Howard M.....	1022	377	83	446,672	Elliott, Sterling.....	392	154	32
424,766	DuBois, Howard M.....	1023	378	83	483,836	Elliott, Sterling.....	31	15	3
431,512	DuBois, Howard M.....	1024	379	84	487,874	Elliott, Sterling.....	445	86	106
499,824	DuBois, Johannes A.....	278	168	110	487,875	Elliott, Sterling.....	475	107	109
488,549	Dugan, James.....	181	111	119	489,295	Elliott, Sterling.....	185	113	110
89,744	Dugas, L. E.....	427	182	35	491,475	Elliott, Sterling.....	204	128	112
435,995	Dunlop, John B.....	1024	379	84	491,938	Elliott, Sterling.....	208	129	112
11,153 (R.)	Dunlop, John B.....	1025	379	84	494,113	Elliott, Sterling.....	221	138	113
441,649	Dunlop, John B.....	27	13	3	498,799	Elliott, Sterling.....	264	162	117
453,550	Dunlop, John B.....	1035	386	85	86,682	Ellis, George and Miller, Charles H.....	51	26	5
455,899	Dunlop, John B.....	1049	387	85	280,299	Ellis, Joseph L.....	218	95	19
473,831	Dunlop, John B.....	54	31	98	305,061	Ellis, Robert F., and Norman, Cornelius A.....	198	103	17
479,255	Dunlop, John B.....	109	62	102	467,794	Ellis, Seale H.....	13	8	94
478,156	Dunn, Andrew W.....	98	55	101	490,620	Ellis, Seale H.....	194	121	111
480,441	Dunn, Charles H., and Star, William.....	118	68	103	361,581	Ellis, Silas C.....	366	142	30
477,996	Dunn, Thomas.....	94	53	101	299,120	Ellwood, Reuben and Staugaard, Hans H.....	891	495	71
399,389	Dunn, William H., and Harnette N.....	936	424	76	478,581	Elmore, William A.....	101	57	102
341,462	Dunn, William W.....	610	412	73	87,225	Ely, George H., and Topfiff, John A.....	52	20	5
373,036	Dunstedter, Jacob.....	922	417	74	348,851	Emerson, Cyrus J. Jr., and Lakin, James A.....	754	323	63
439,128	Durkee, George B.....	26	13	3	99,546	Emerson, George D.....	202	114	25
439,129	Durkee, George B.....	710	275	59	386,304	Emerson, James E., and Midgley, Thomas.....	850	452	91
293,725	Duryea, Charles E.....	455	332	37	386,306	Emerson, James E., and Midgley, Thomas.....	850	452	91
333,936	Duryea, Charles E.....	044	215	53	386,307	Emerson, James E., and Midgley, Thomas.....	850	452	91
339,537	Duryea, Charles E.....	238	161	21	362,500	Emsey, John W.....	468	339	38
350,583	Duryea, Charles E.....	138	65	13	284,621	Engelbach, Augustus L.....	885	403	70
357,819	Duryea, Charles E.....	045	216	53	481,751	Engler, Richard A.....	120	75	104
364,231	Duryea, Charles E.....	143	67	13	311,112	Enos, John A.....	639	179	52
387,631	Duryea, Charles E.....	377	147	31	404,611	Ensign, Frank H.....	938	424	76
					490,277	Ensign, Frank H.....	191	118	111
					114,783	Erd, William.....	534	200	44
					491,012	Ericson, Lewis E.....	198	124	111
					226,504	Esperandieu, Emile F.....	301	118	26

	P.	C.	R.		P.	C.	R.
87,033 Estell, Samuel F.....	52	26	5	270,214 Fosman, Calvin J.....	580	290	48
499,724 Estep, Thomas B.....	277	168	118	101,993 Forsyth, Frederick J.....	605	314	50
301,354 Estlow, Francis R.....	204	105	18	127,755 Forsyth, James B.....	824	440	88
486,452 Euchler, Otto.....	166	100	108	390,661 Forsyth, William S.....	930	421	75
246,482 Euphrat, Frederick.....	787	312	66	451,035 Fortier, Charles L.....	773	311	65
449,581 Evans, John B.....	35	18	4	302,329 Foss, Eli H.....	154	72	14
464,789 Evans, John B.....	86	41	8	458,547 Foster, Benjamin C.....	1040	389	86
404,790 Evans, John B.....	47	24	5	343,898 Foster, Frank F.....	543	203	45
385,258 Evans, James E.....	145	68	14	359,504 Foster, Frank F.....	544	204	45
459,682 Evans, Walter A., and Cowan, Thomas.....	395	155	32	448,952 Foster, Freling C.....	735	251	61
401,699 Everitt, Arthur, and Anthony Jesse.....	45	23	5	399,190 Foster, Wm. C., and Merritt, Henry W.....	381	149	31
357,120 Ewing, Alvan B.....	915	415	74	456,028 Foster, William R.....	1036	387	85
425,095 Ewing, Kufus L.....	945	428	77	468,196 Foster, William R.....	15	9	94
320,917 Eyster, William N.....	102	76	15	466,405 Foster, William S.....	243	151	115
496,971 Fairbanks, Albert C., and Belto.....	252	155	116	431,342 Fournier, Philandre.....	389	153	32
238,770 Fairbanks, John A.....	968	359	92	224,165 Fowler, Francis.....	301	117	26
95,785 Fall, George A.....	518	220	43	227,511 Fowler, Francis.....	302	118	26
227,740 Fancher, James A.....	303	118	20	240,990 Fowler, Francis.....	307	120	26
484,786 Fane, Thomas, and Lavender, Chas. F.....	151	90	106	247,754 Fowler, Francis.....	780	277	65
83,132 Fanshaw, John A., Coles, George, and Jacques, John A.....	817	434	87	248,441 Fowler, Francis.....	310	121	26
92,807 Farmer, David J.....	526	218	44	225,585 Fox, Willard H.....	553	253	46
92,808 Farmer, David J.....	527	218	44	467,227 France, Albert L.....	7	4	93
88,286 Farrar, Alonzo.....	281	110	24	480,661 France, Albert L.....	120	69	103
492,959 Fauber, William H.....	213	133	113	90,656 Frankel, William.....	225	156	20
343,165 Fay, Lamartine W.....	353	136	29	91,734 Fraser, J., and Austin, Jonathan.....	634	176	52
397,348 Fay, Lamartine W.....	379	148	31	486,456 Frazee, Fremont, and Wintersteen, Jacob L.....	166	100	108
391,702 Fay, Patrick J.....	230	158	20	361,024 Frazee, William C., and Reed, Charles M.....	615	318	51
484,952 Fay, Rimmon C.....	152	90	106	153,557 Fredenburgh, John.....	866	396	69
484,953 Fay, Rimmon C.....	152	90	106	224,415 French, Charles L.....	597	222	50
492,578 Fay, Rimmon C.....	211	131	111	68,432 French, Edwin W.....	816	438	87
424,870 Fay, Skillman M.....	15	8	2	276,899 Frenier, Joseph, and Scott, Emmet G.....	882	401	70
491,342 Fay, Waldo G.....	202	127	112	285,491 Frenier, Joseph.....	886	403	71
414,305 Featherstone, Alfred.....	667	233	55	200,224 Frenier, Joseph.....	886	403	71
371,747 Feeley, Thomas W.....	143	67	13	313,931 Frenier, Joseph.....	899	408	72
479,064 Fell, Charles.....	107	60	102	373,282 Frie, Hermanus T.....	262	91	22
277,252 Ferguson, Edward G.....	882	402	70	499,221 Friedberg, Morris.....	271	165	118
88,151 Ferguson, Henry J.....	280	110	24	306,236 Fries, William A.....	843	448	90
88,703 Ferguson, Henry J.....	54	27	6	250,737 Frisbie, Wm M., and Jackson, Frederick.....	766	288	64
493,696 Ferguson, William L.....	220	136	113	324,826 Fritz, August.....	511	214	42
404,324 Fernald, George W.....	47	24	5	321,162 Frommelt, Alfred E., Weber, Theodore R. A., and Henning, Carl G. E.....	343	133	29
246,000 Ferres, Jeffrey T.....	554	254	46	479,757 Fruen, Walter L.....	112	63	103
354,777 Ferries, George D.....	725	245	60	292,163 Fry, John W.....	745	264	62
424,965 Ferrie, James L.....	420	196	34	484,152 Fuchs, Oscar J.....	146	86	106
249,166 Fielding, Geo. W., and Bryant Henry E.....	877	400	70	440,949 Fuller, George R.....	772	311	65
361,310 Fillize, Peter F., and Monnin, Alpheus C.....	726	246	70	441,949 Fuller, George R.....	772	311	65
376,241 Fillize, Peter F., and Monnin, Alpheus C.....	159	75	14	282,302 Fuller, Lysander A.....	539	202	45
39,561 Finchbaugh, Henry K.....	856	393	67	305,088 Fullerton, George A.....	843	448	90
499,457 Finley, Gipson.....	274	166	118	295,491 Funk, Elliott H.....	540	202	45
294,025 Fish, Frank L. P.....	888	404	71	336,226 Funk, John B.....	202	104	18
385,424 Fish, Warren L.....	465	337	38	360,873 Furse, John P.....	917	415	74
385,666 Fish, Warren L.....	472	165	118	388,048 Fyrbeg, Andrew and Johnson, Iver.....	688	283	57
499,379 Fish, Warren L.....	276	289	64	406,581 Fyrbeg, Andrew and Hanson, Olaus.....	10	6	2
356,112 Fish, Warren L. F.....	607	314	50	265,056 Gable, William, and Pelton, Charles H.....	638	178	52
65,109 Fisher, D. S.....	603	314	50	137,431 Gaffey, William.....	185	99	16
498,051 Fisher, Edwin C.....	260	160	117	388,963 Gallagher, Patrick.....	208	106	18
492,280 Fisher, George P.....	209	130	112	397,638 Gallagher, Patrick.....	210	107	18
498,777 Fisher, William C.....	267	163	117	264,073 Gallup, Henry C.....	317	124	27
184,852 Fishwick, James.....	296	115	25	303,503 Gallup, Henry C.....	894	406	71
333,402 Fishwick, James.....	906	411	73	435,997 Galt, Thomas A.....	953	431	78
117,760 Fitts, George W.....	992	363	80	87,760 Gardner, Franklin B., and Trageser, John.....	180	97	16
401,425 Fitzpatrick, William J.....	731	248	61	473,871 Gardner, Fulton.....	55	32	98
437,026 Flachs, Richard.....	24	12	3	388,484 Garford, Arthur L.....	474	343	39
167,517 Flack, John J.....	407	192	33	431,573 Garford, Arthur L.....	485	349	39
302,718 Flagg, George H. P.....	842	448	90	457,435 Garford, Arthur L.....	41	20	4
91,534 Flanders, L. B., and Bellemere, John F.....	633	176	52	457,435 Garford, Arthur L.....	42	20	4
141,536 Fleer, Francis R., and Bellemere, John F.....	965	358	91	467,164 Garford, Arthur L.....	7	4	93
439,395 Fleischer, Richard J.....	1040	175	52	467,402 Garford, Arthur L.....	9	5	94
443,938 Fleming, Will A.....	28	14	3	467,403 Garford, Arthur L.....	9	5	94
471,472 Fleming, Will A.....	36	21	96	473,388 Garford, Arthur L.....	49	28	97
377,102 Fletcher, Chas. J., and Gorman, Chas. R.....	923	418	75	481,538 Garford, Arthur L.....	127	73	104
401,339 Fletcher, Richard H.....	174	83	15	485,186 Garford, Arthur L.....	155	93	107
307,757 Fletcher, Robert C.....	338	131	28	485,186 Garford, Arthur L.....	155	93	107
318,458 Fletcher, Thomas.....	845	449	90	311,305 Garland, Richard H.....	610	316	50
441,545 Fletckinger, Wm. F., and Wiatt, Geo. J.....	549	206	46	493,582 Garrard, Henry H.....	218	136	113
91,322 Flint, Daniel P.....	287	112	24	295,161 Garrood, John C.....	585	292	49
91,323 Flint, Daniel P.....	288	112	24	348,276 Garrood, John C.....	723	244	60
146,895 Flynn, William.....	965	358	91	418,611 Garwood, Spencer.....	645	216	53
369,702 Foley, John, Jr.....	790	288	66	435,493 Garwood, Spencer.....	791	321	66
334,578 Foote, Edward H.....	677	224	50	441,544 Garwood, Spencer.....	825	440	88
291,323 Foote, George D.....	604	266	57	133,219 Gately, Dennis C.....	824	444	89
394,907 Forman, Sands.....	729	247	60	186,123 Gately, Dennis C.....	824	444	89
394,068 Forman, Sands.....	734	247	60	327,786 Gates, Charles H.....	685	281	56
488,603 Forry, Chas. E., and Devore, Levi M.....	181	111	110	301,280 Gaylor, Leonard B.....	171	81	15

	P.	C.	R.		P.	C.	R.
409,782 Gaylor, Leonard B.	595	298	49	377,610 Goodsell, Charles H.	2	1	1
433,562 Gaylor, Leonard B.	175	83	15	384,150 Goodsell, Charles H.	2	1	1
444,430 Gedde, Burton H.	956	432	78	377,102 Gorman, Chas. R., and Fletcher, Chas. J.	923	418	75
458,573 Gedde, Burton H.	961	434	79	314,236 Gornley, Herbert J.	219	95	19
222,697 Gelein, Joseph E.	221	222	114	19,552 Gormully & Jeffery Manufacturing Co.	801	801	67
484,586 Gelein, Peter.	150	89	106	19,553 Gormully & Jeffery Manufacturing Co.	801	801	67
467,737 Gellhaus, Frank and Guethler, Wm	12	7	94	295,632 Gould, George H.	752	323	62
485,844 Gellhaus, Frank and Guethler, Wm	161	97	107	254,128 Gould, George H.	756	324	63
150,021 Gendron, Peter.	866	396	68	300,975 Goulden, William	797	74	59
291,222 Gendron, Peter.	878	409	70	404,832 Goulden, William	477	345	39
294,461 Gendron, Peter.	998	895	81	400,384 Govan, Alexander.	282	172	119
298,079 Gendron, Peter.	684	280	56	500,359 Gowdey, John.	334	130	28
382,277 Gendron, Peter.	902	410	72	344,432 Graham, Wm. H., and McDonald, Geo. R.	956	432	78
365,377 Gendron, Peter.	368	143	31	487,825 Grabser, Michael.	411	193	34
382,356 Gendron, Peter.	927	419	75	219,777 Grant, Arthur W., and Bean Roscoe.	401	409	72
400,074 Gendron, Peter.	382	149	31	320,930 Grant, Arthur W.	901	409	72
418,005 Gendron, Peter.	387	152	32	349,650 Grant, Arthur W., and Jefferies, Daniel P.	1032	384	85
419,937 Gendron, Peter.	943	427	77	468,538 Grant, Arthur W., and Rodger James.			
434,146 Gendron, Peter.	952	431	78	G.	16	8	94
496,822 Gendron, Peter.	4	3	93	470,483 Grant, Arthur W., and Jefferies, Daniel P.	32	18	96
466,824 Gendron, Peter.	4	3	93	497,784 Grant, Arthur W.	257	157	116
499,020 Gendron, Peter.	270	164	118	123,601 Gray, Chester H.	534	200	44
475,020 George, Curtis K., and Perry, George R. and William H.	66	37	98	452,876 Gray, Christian H.	1034	385	85
461,102 Gerber, Jean B.	985	309	79	491,479 Gray, Christian H.	204	182	112
447,818 Gerstung, Henry, Jr.	972	366	92	407,502 Gray, John W.	10	5	94
453,444 Gerthenbach, Louis P. J., and Hampp, Wm.	781	278	65	490,904 Gray, William A.	197	123	111
349,109 Gibbons, Francis J. J.	559	228	54	151,383 Greacen, John, Jr.	820	442	88
33,490 Gibbons John.	673	87	23	195,324 Greacen, John, Jr.	832	444	89
351,972 Gibbons John, and Meneely, Charles D.	274	87	23	210,252 Green, Charles W.	599	212	42
353,935 Gibbons, John, and Meneely, Charles D.	275	88	23	473,837 Green, Richard.	54	31	98
410,591 Gibbs, Frederick H.	386	151	32	91,535 Greene, Allene, and Dyer, Elisha.	633	176	52
485,540 Gibbs, William E.	159	95	107	84,878 Greene, John A.	989	361	79
322,174 Gibby William.	902	410	72	91,435 Greene, John A.	990	362	80
23,108 Gibson & Prentiss	260	261	117	169,100 Greene, John A.	994	363	80
151,660 Gibson, Jacob H.	446	329	36	86,339 Greenwood, Geo. D., and Husted, Frank H.	50	26	5
464,357 Gibson, Myron B.	586	259	47	441,485 Greenwood, Ransford S.	488	350	40
485,345 Gibson, Myron B.	156	94	107	125,451 Gregg, Solon A.	404	191	33
278,534 Gideon, Francis M.	884	402	70	149,510 Gregory, Herbert	211	131	112
222,779 Gilbert, James W.	190	100	17	130,712 Griffiths, George H.	269	85	23
415,291 Gilbert, Solomon E.	480	346	39	314,013 Griffiths, George H.	343	133	29
239,572 Giles, William W.	216	94	19	338,151 Griffiths, John A.	351	136	29
236,573 Giles, William W.	216	94	19	416,220 Grinnell, Amos L.	984	399	79
252,455 Giles, William W.	311	122	27	485,094 Griswold, Frederick B. and Dey, Harry E.	152	91	106
22,057 Gilhuly, Stephen B.	176	176	110	451,858 Gross, John H.	958	433	78
227,685 Gil, Joshua S., Jr., and Alexander, Geo. B.	302	118	26	254,639 Groust, William H. J.	312	122	27
173,615 Gillespie, James E.	833	444	80	248,737 Grubb, William H.	410	193	33
225,698 Gillespie, James E.	838	446	80	425,017 Guest, Charles H. and Barrow, Louis.	17	9	2
268,366 Gillespie, James E.	840	447	80	497,050 Guest, Herbert.	252	155	116
290,767 Gillespie, James.	752	322	62	407,377 Guethler, Wm. and Gellhaus, Frank.	12	7	94
401,551 Gillies, Alexander.	937	424	76	485,844 Guethler, Wm. and Gellhaus, Frank.	161	97	107
181,432 Gilzinger, Sebastian.	296	115	25	463,862 Guignard, Louis F.	786	321	66
281,489 Girard, Jean B.	67	31	7	90,837 Guild, Joseph.	287	112	24
429,344 Gissingner, Samuel.	485	348	39	242,305 Guinand, Oliver U.	308	120	26
46,558 Gleason, Elliott P.	813	437	87	392,398 Guinand, Oliver U.	336	130	28
451,477 Gleason, Francis.	1033	385	85	350,243 Gump, Albert W.	746	264	62
483,146 Gleason, Francis.	138	81	105	492,285 Gundelach, Emil.	210	130	112
484,005 Gleason, Francis.	146	86	106	233,671 Gunn, Daniel A.	422	183	35
484,420 Gleason, Francis.	149	88	106	93,433 Guy, C. B.	235	156	29
484,552 Gleason, John R.	150	89	106	486,404 Haag, Paul.	160	160	108
77,478 Gleason, T. P.	550	252	46	485,865 Hadley, Charles E.	162	68	107
286,907 Gleason, Orville T.	560	256	47	492,586 Hadley, Charles E.	212	131	112
143,830 Glover, Joseph H.	865	396	68	495,732 Hadley, Charles E.	234	146	115
434,457 Glover, Truman J.	776	310	64	270,691 Hadley, Chas. F., and Overman, Albert H.	318	124	27
437,591 Glover, Truman J.	711	311	64	282,358 Hadley, Chas. F., and Overman, Albert H.	321	126	27
390,662 Goble, Truman L.	417	195	34	283,413 Hadley, Chas. F., and Overman, Albert H.	908	365	80
497,519 Goddard, George B.	256	157	116	292,908 Hadley, Chas. F., and Overman, Albert H.	683	280	56
499,103 Goddard, George B.	270	164	118	313,018 Hadley, Chas. F., and Overman, Albert H.	342	132	29
455,438 Golderer, Johann M.	265	93	22	313,323 Hadley, Charles F.	684	280	56
400,204 Golding, William.	105	51	10	313,863 Hadley, Charles F.	717	242	60
487,522 Golding, William.	173	105	109	331,295 Hadley, Charles F.	690	297	58
493,160 Golding, William.	215	134	113	335,811 Hadley, Charles F.	351	135	29
391,241 Gongware, Turney H. and Hanley, Edwin K.	147	69	14	380,886 Hadley, Charles F.	703	272	58
485,187 Goodhue, Frank M. and James E.	155	93	107	385,350 Hadley, Charles F.	374	140	31
444,256 Goodman, Joseph.	179	97	16	385,370 Hadley, Chas. F., and Overman, Albert H.	4	2	1
425,779 Goodrich, Harry C.	709	275	59	464,300 Hadley, Charles F.	676	239	56
437,191 Goodrich, Harry C.	94	46	9	390,017 Hagan, John.	439	185	39
455,395 Goodrich, Harry C.	101	49	10	420,006 Hain, Ralph B.	482	340	39
455,426 Goodrich, Harry C.	1036	386	85	92,044 Hale, H. F. T.	634	177	52
459,217 Goodrich, Harry C.	10	49	10	23,571 Hale, Loren.	808	185	80
456,218 Goodrich, Harry C.	1036	387	85	97,488 Hale, William H.	457	333	37
468,798 Goodrich, Harry C.	21	12	95	39,280 Hale, William H.	494	337	38
468,799 Goodrich, Harry C.	21	12	95	353,744 Hall, Albert C.	913	414	74

	P.	C.	R.		P.	C.	R.		
362,506	Hall, Albert C., and Bailey, Howard S.	918	416	74	396,983	Harris, Frank H.	379	148	31
425,506	Hall, Albert C.	946	428	77	403,346	Harris, Frank H.	1020	377	83
470,836	Hall, Arthur W.	33	19	96	403,347	Harris, Frank H.	578	308	48
490,887	Hall, Fred. J.	213	133	113	404,907	Harris, Frank H.	938	425	76
480,844	Hall, George F.	121	70	104	132,006	Harris, Isaac B.	825	440	88
391,895	Hall, John W.	105	51	10	206,442	Harris, Joshua W.	871	397	69
476,764	Hall, Joseph C.	82	45	100	495,733	Harris, William T.	235	146	115
447,822	Hall, John William.	1030	383	84	242,310	Harrison, Alfred J.	309	120	26
318,725	Hall, Luther.	198	103	17	381,547	Harrison, John N.	679	224	56
452,840	Hall, Orlando C., and Rasmussen, Eniar.	959	433	78	252,939	Harrison, Thomas T.	449	330	36
310,676	Hall, Thomas P., and James B.	340	131	29	264,287	Hart, Albert J.	879	401	70
325,338	Hall, Thomas P., and James B.	345	133	29	275,485	Hart, Harrie B.	762	286	63
91,123	Hall, William S.	400	190	33	285,891	Hart, Harrie B.	452	331	37
451,428	Halladay, Lewis P.	100	49	10	311,128	Hart, Harrie B.	767	289	64
451,429	Halladay, Lewis P.	37	18	4	322,057	Hart, Harrie B.	745	264	62
477,179	Halladay, Lewis P.	87	49	100	339,795	Hart, Harrie B.	138	64	43
92,606	Ham, Daniel.	900	362	80	303,518	Hart, Harrie B.	766	142	39
290,576	Hambley, William S.	125	59	12	385,520	Hart, Harrie B.	145	68	14
406,359	Hamman, Frank M.	242	149	115	87,259	Hartford, Frank D., and Howe, Manley.	713	240	59
417,483	Hammarstrom, Olof.	387	151	32	72,488	Hartford, Howard.	816	438	87
149,393	Hammelmann, Charles.	535	201	45	484,681	Hartley, Richard K., McDougall, Isaac S., and Smith, George H.	150	89	106
225,010	Hammelmann, Charles.	116	55	11	484,712	Hartley, Richard K.	151	89	106
477,540	Hammer, Jens J.	90	51	101	456,815	Hartmann, Charles A.	1039	388	85
427,076	Hamminger, Franz.	21	11	2	378,957	Hartness, James.	728	247	60
453,441	Hampp, Wm. and Gertenbach, Louis P. J.	781	278	65	19,303,513	Hartney, Charles, and Paddock, William.	716	241	60
348,325	Hanshaw, Charles W.	221	96	19	409,964	Harvey, Charles T.	479	345	39
418,142	Hance, William A., and Stover, Daniel C.	13	7	2	259,535	Harwood, George F.	782	278	65
418,142	Hance, William A., and Stover, Daniel C.	90	43	9	297,991	Harwood, George F.	782	278	65
431,308	Hance, William A., and Ziegler, Oscar J.	652	198	53	397,078	Haslup, William.	935	423	76
454,431	Hance, William A.	491	353	40	442,043	Haslup, William.	954	431	78
468,994	Hance, William A.	23	13	95	497,495	Hassan, Midbury W.	255	156	116
109,408	Hanchett, Daniel, Danev, John C., and Stuart, Reuben.	429	182	35	221,917	Hassenpflug, Henry.	409	192	33
232,266	Hancock, James L., and Salamon, Nahum.	990	364	80	458,459	Hatcher, Edwin H.	85	41	8
104,870	Hancock, Warren H.	188	99	17	456,411	Hathaway, Edgar F.	743	262	62
274,762	Handy, Charles F., and Anthony, Wendell P.	320	125	27	209,953	Haulenbeck, John H., and Beatty Robt P.	837	445	62
384,750	Hanks, Austin J.	928	420	75	409,758	Hausknecht, Edward and Schloemer, Gottfried.	264	92	22
433,285	Hanks, Austin J.	951	420	78	99,567	Hausknecht, Gustavus L.	403	190	33
391,241	Hanley, Edwin K. and Gongware, Turney H.	147	69	14	86,153	Hawkins, John E.	257	89	22
79,654	Hanon, George, William, Alfred, Edward and Frederick.	49	26	5	141,712	Hawkins, Lorenzo P.	827	441	88
3,297 (R.)	Hanon, George, William, Alfred, Edward and Frederick.	50	26	5	389,469	Hawn, Socrates A.	930	420	75
86,834	Hanon, William.	51	26	5	210,422	Hayes, Daniel D.	967	358	92
433,621	Hannes, George.	952	430	78	354,638	Haynes, Gideon, Jr., and Schaaf, Albert E.	592	296	49
307,293	Hanser, Otto.	726	246	60	392,552	Haynes, Gideon, Jr.	707	274	59
250,483	Hansmann, Max, and Barnes, Raymond F.	749	322	62	402,926	Haynes, Gideon, Jr.	690	284	57
425,612	Hanson, Albert, Johnson, Thomas, and Whiteley, Nathan.	946	428	77	93,991	Haynes, James H.	182	98	16
456,989	Hanson, Andrew P.	966	93	23	241,698	Hayes, John and Newsam, George A.	520	220	43
388,047	Hanson, Olaus, and Johnson, Iver.	665	232	54	354,318	Hayes, William.	502	257	47
406,581	Hanson, Olaus, and Fryberg, Andrew.	10	6	2	98,592	Haynes, John H.	183	98	16
420,059	Hanson, Olaus, and Lobben, Peder.	14	7	2	289,927	Hays, Charles W.	321	126	27
420,060	Hanson, Olaus.	482	346	39	448,960	Hazard, Frederick J. H.	34	17	4
420,061	Hanson, Olaus.	944	427	77	359,536	Hazen, William L. and Hildreth, Geo. H.	141	66	13
459,003	Hanson, Olaus.	42	21	4	19,953	Hazelwood & Warman.	803	803	67
471,744	Hanson, Olaus.	38	21	96	458,392	Heale, William.	1040	389	86
482,735	Hanson, Olaus.	135	79	105	462,815	Heale, William.	1043	391	86
297,343	Harbison, Andrew.	839	446	89	341,237	Healey, John H.	722	244	60
436,873	Hardy, Emery E.	78	37	8	301,234	Healy, William F.	585	292	49
441,409	Hardy, Emery E.	80	38	8	464,729	Heartley, George W.	962	435	79
495,475	Hardy, Emery E.	86	42	9	479,060	Heath, Elroy N.	107	61	102
487,669	Hardy, Walter B.	174	106	109	266,820	Heath, Watson A.	318	124	27
488,392	Hardy, Walter B.	179	110	110	393,239	Hedderwick, Percy D.	650	197	53
92,306	Hares, Thomas A.	604	314	50	22,858	Hedger, Harry D.	237	237	115
91,438	Harper, C. A.	182	68	16	379,955	Hedger, Harry D.	703	271	58
492,047	Harper, James M., and Otis, John D.	208	130	112	315,026	Heeley, Richard.	1001	367	81
409,581	Harrell, Amaziah E.	419	196	34	342,257	Heidorf, Joseph.	543	203	45
478,564	Harrington, Frank and Bullard, Frederick.	101	57	102	325,408	Hellman, Russell P., and Perkins, Richard E.	512	214	42
240,995	Harrington, John.	447	329	36	413,716	Heinze, Georg.	526	222	44
324,317	Harrington, John.	235	160	20	354,873	Heller, James E.	878	400	70
359,863	Harrington, John.	660	229	54	321,210	Helmright, Henry H., and Stone, Geo. W.	901	400	72
360,588	Harrington, John.	467	339	38	92,528	Hennings, Richard C.	635	177	52
364,171	Harrington, John.	468	339	38	425,780	Hems, Jan A.	652	198	53
498,790	Harrington, Theodore.	267	163	117	423,240	Hendee, George M.	709	275	59
439,400	Harriott, George.	488	350	40	155,183	Henderer, Edmund, and Dale, John H.	186	99	16
458,806	Harriott, George.	42	21	4	490,438	Hendrick, Joel H.	193	119	111
499,109	Harriott, George.	271	164	118	499,675	Hendrick, Joel H., and Kelly, Jarvis P.	276	167	118
422,407	Harris, Ernest A.	945	428	77	280,473	Hendrickson, Zachariah.	195	102	17
353,060	Harris, Frank H.	943	423	74	327,084	Hennesy, Thomas F.	414	194	34
399,850	Harris, Frank H.	921	417	74	421,933	Hennesy, Thomas F.	548	206	46
371,580	Harris, Frank H.	1013	372	82	310,998	Henning, Carl G. E.	233	159	20
					10,575 (R.)	Henning, Carl G. E.	233	159	20
					310,998	Henning, Carl G. E.	233	159	20
					316,146	Henning, Carl G. E.	233	159	20



	P.	C.	R.		P.	C.	R.
321,162	Henning, Carl G. E., Frommelt, Alfred E., and Weber, Theodore R. A.	343	133	29	4,918	Holmes, Ira	855
393,904	Henry, Hiram F.	475	343	39	447,542	Holmes, John A.	672
351,768	Henry, John	613	317	51	91,018	Holke, Wm. F., and Babbitt, B. T.	619
477,095	Henshaw, Francis T., and Adams, Frederick G.	85	48	100	323,149	Holt, Albert T.	845
12,406	Herbert, Wm. H., Hillman, Wm., and Cooper, George B.	794	794	67	334,951	Holt, Albert T.	847
19,858	Herbert, Wm. H., Hillman, Wm., and Cooper, George B.	832	802	67	497,575	Holt, Leopold	256
443,207	Hering, Albert	769	290	64	390,368	Holkamp, Hermann H.	546
118,934	Hernandez, Charles W.	992	363	80	245,827	Hood, George H.	996
360,617	Hernandez, Eleuterio C.	147	66	13	474,740	Hoopes, David J.	64
133,202	Herriek, John I.	211	68	18	432,312	Hopkinson, Frederick and Leonard C.	443
157,824	Hess, Charles, and Hess, George E.	792	310	67	489,478	Hopkinson, John E.	186
201,411	Hess, Benjamin F., and Van Meter, Joseph E.	434	183	35	245,829	Horah, John	422
471,117	Hessing, James	34	20	96	451,972	Horah, James H.	742
506,205	Heysinger, Isaac W.	281	170	119	373,980	Horn, David	206
446,098	Hibbert, Wm. E., and Manuel, Alfred	30	15	3	191,145	Hornig, Julius L.	297
250,917	Hicks, Horace B.	654	226	53	407,112	Horsfield, Thomas, and Willoughby, Frank S.	6
396,872	Hicks, Horatio F.	935	423	76	421,277	Horton, Jas. M., and Levison, Michael M.	708
483,493	Hicks, Thomas H.	140	82	105	421,936	Horton, Jas. M., and Levison, Michael M.	709
484,367	Hicks, Thomas H.	148	88	100	431,834	Horton, Numon N.	640
478,191	Hide, Arthur C.	99	56	101	431,895	Horton, Numon N.	647
496,937	Hide, Arthur C.	251	155	116	431,896	Horton, Numon N.	649
271,583	Hiestor, Charles E.	320	125	27	436,239	Horton, Numon N.	648
275,130	Hiestor, Charles E.	324	126	28	405,135	Horton, Numon N.	645
415,117	Higby, Edward H., and Morsman, John A.	941	426	77	45,136	Horton, Numon N.	152
425,898	Higby, Edward H., and Morsman, John A.	947	428	77	228,996	Hosea, Lewis M.	117
194,681	Higgins, James and Traynor, Patrick	187	99	17	488,200	Hotchkiss, Arthur E.	176
218,968	Higham, Enos T.	109	100	17	488,201	Hotchkiss, Arthur E.	177
395,225	Higham, Enos T., and Daniel	130	28	14	105,335	Hotchkiss, Burrill M.	822
201,179	Higley, Eben N.	388	99	17	245,499	Houff, William H.	193
359,536	Hildreth, George H., and Hazen, Wm. L.	141	66	13	388,043	Houff, William H.	88
351,771	Hiler, Giles P.	544	204	45	89,047	House, James A., and Snyder, Wm. B.	28
229,252	Hill, Edward K., Tolman, Edward F., and Howland, Arthur H.	553	254	46	141,741	House, Philander C.	865
275,910	Hill, Edward K.	451	331	67	465,479	Howard, Henry G. M.	1045
213,508	Hill, Frank A.	871	398	69	249,622	Howard, James E., and Stall, Wm. W.	714
216,956	Hill, Frank A.	872	398	69	170,629	Howard, Wm. T., and Geo. H.	597
494,933	Hill, George H.	222	138	114	492,017	Howe, Eugene L.	208
407,330	Hill, Louis A.	11	6	2	330,026	Howe, Edward P.	350
459,363	Hill, Louis A.	1041	390	86	330,027	Howe, Edward P.	350
312,634	Hill, Sylvester B.	459	334	37	344,529	Howe, Edward P.	353
88,872	Hill, W. S.	281	110	24	344,530	Howe, Edward P.	354
422,781	Hiller, Henry F.	15	8	2	344,531	Howe, Edward P.	354
448,170	Hilliard, John S.	761	328	63	87,259	Howe, Manley, and Hartford, Frank D.	713
12,406	Hillman, William, Herbert, William H., and Cooper, George B.	794	794	67	293,251	Howell, George W.	888
19,858	Hillman, William, Herbert, William H., and Cooper, George B.	802	802	67	303,853	Howell, George W.	894
241,361	Hillman, William	681	279	56	316,365	Howell, George W.	900
247,643	Hillman, William	399	121	26	356,643	Howell, George W.	915
310,823	Hillman, William	458	334	37	360,156	Howell, George W.	917
311,320	Hillman, William	128	60	12	366,641	Howell, George W.	921
430,109	Hillman, William	22	11	3	495,093	Howell, George W.	938
213,109	Hinckley, Hermon, and Culver, Newton H.	189	100	17	420,343	Howell, George W.	945
341,911	Hoak, Amos	293	104	18	229,252	Howland, Arthur H., Tolman, Edward F., and Hill, Edward K.	553
388,416	Hockett, Pleasant	207	106	18	44,225	Hoxsie, David K., and Reed, Thomas L.	812
91,937	Hodge, Lyman F.	692	265	57	31,552	Hoxsie, David K., and Reed, Thomas L.	813
9,054	Hodge, Nehemiah	398	189	33	54,909	Hoxsie, David K., and Reed, Thomas L.	814
160,268	Hodges, Andrew J.	867	397	69	424,986	Hoyt, Clarence P.	199
420,722	Hodgman, Frank S.	668	233	55	339,891	Hoyt, Gabriel P. B.	754
347,040	Hoefel, Hermann, and Blechschmitz, Gustav	911	413	73	322,936	Hoyt, Lewis S.	845
64,418	Hoepfer, F. G.	501	210	41	436,978	Hoyt, Montravelle	710
146,340	Hoffman, Antony A.	294	114	25	439,779	Hoyt, Montravelle	691
493,153	Hoffman, Ernest G.	1044	391	86	435,358	Hubbard, Arthur O.	952
399,566	Hoffman, Geo., and Schud, Barnhard	868	408	72	354,474	Hubbard, Fred W.	913
134,989	Hoffmire, John E.	226	157	20	356,643	Hubbard, N. W.	280
295,870	Hogan, William H.	787	312	66	303,284	Huber, Edward	893
490,229	Hohenstein, Henry, and Appie, Benjamin J.	190	117	110	10,727	Huber, Edward	893
458,832	Hohoff, Frederick H.	773	312	65	303,284	Huber, Edward	893
308,160	Hoke, John L.	896	407	72	493,285	Huber, Edward	893
478,430	Holdsforth, Charles H.	100	57	101	402,673	Hudson, Charles E.	971
482,175	Hollafolla, George	132	77	105	375,797	Hudson, Henry J.	469
285,035	Holland, Wiley S.	411	193	34	339,422	Hudson, James	1005
437,269	Hollister, Wm., and Wardman, Palmer	631	175	52	339,550	Hudson, James	1006
186,379	Holloway, Chas. T., and Steman, Wm. H.	269	86	23	453,073	Huelsen, Felix J., and Nagel, Jacob	37
274,196	Holloway, Charles T.	195	102	17	455,945	Huelsen, Felix J., and Nagel, Jacob	40
206,200	Holloway, Julius H.	188	100	17	477,659	Huelsen, Felix J., and Nagel, Jacob	52
					498,394	Huennkens, Frederick W.	262
					498,794	Huennis, Frederick W.	267
					414,406	Huggins, Robert T.	222
					378,961	Hughes, George M.	924
					495,601	Hughes, Joseph H., and Bown, Wm.	234
					22,454	Hubert Brothers & Company	205
					300,261	Hull, George S., and Charles S.	650
					259,853	Hull, Welcome H., and O'Rear, Jas. W.	114
					20,325	Humber & Company	804
					305,690	Humber, Thomas	231

	P.	C.	R.		P.	C.	R.		
352,090	Humber, Thomas	466	338	38	371,326	Jeffery, Thomas B.	745	263	62
328,682	Humphreys, Robert E.	462	336	37	379,276	Jeffery, Thomas B.	662	230	54
332,658	Humphreys, Robert E.	463	336	37	383,129	Jeffery, Thomas B.	1015	373	82
82,319	Hunt, David, Jr.	257	89	22	383,139	Jeffery, Thomas B.	1015	373	82
443,482	Hunt, Franklin B.	81	39	8	383,131	Jeffery, Thomas B.	688	283	57
443,721	Hunt, Franklin B.	81	39	8	384,980	Jeffery, Thomas B.	473	342	39
450,938	Hunt, Franklin B.	83	40	8	385,715	Jeffery, Thomas B.	704	272	58
471,068	Hunt, Harry, and Steers, William	41	23	96	395,447	Jeffery, Thomas B.	7	3	1
483,559	Hunt, Jonathan A.	38	21	96	397,188	Jeffery, Thomas B.	689	284	57
489,308	Hunt, Jonathan A.	143	85	106	397,189	Jeffery, Thomas B.	578	308	48
483,495	Hunter, Andrew	186	113	110	398,158	Jeffery, Thomas B.	7	4	1
496,301	Hunter, Andrew	142	83	106	398,159	Jeffery, Thomas B.	380	149	31
444,048	Hunter, David E.	242	150	115	400,343	Jeffery, Thomas B.	650	197	53
99,536	Huntington, Elon	767	274	59	406,445	Jeffery, Thomas B.	254	170	5
411,190	Huntington, Frank A.	268	85	23	408,014	Jeffery, Thomas B.	254	170	22
171,137	Hurt, Narcisse	629	174	51	408,718	Jeffery, Thomas B.	478	345	39
172,200	Hurley, Madison M., Stockdale, Cornelius F., and Reamer, Hiram J.	791	321	66	411,035	Jeffery, Thomas B.	74	34	7
448,586	Hurrell, William E.	994	363	80	434,449	Jeffery, Thomas B.	486	349	40
470,070	Huss, Rudolph W. and Moffat, Geo. D.	673	237	55	441,417	Jeffery, Thomas B.	669	234	55
490,658	Huss, Rudolph W.	194	121	111	444,066	Jeffery, Thomas B.	1029	382	84
495,974	Huss, Rudolph W.	237	147	115	448,655	Jeffery, Thomas B.	673	237	55
495,975	Huss, Rudolph W.	238	147	115	449,220	Jeffery, Thomas B.	674	238	55
330,780	Hutssong, Joseph	542	203	45	454,115	Jeffery, Thomas B.	1035	386	85
86,339	Husted, Frank H., and Greenwood, Geo. D.	50	26	5	454,172	Jeffery, Thomas B.	491	353	40
321,365	Hutches, Benjamin F., Jr.	753	323	63	460,641	Jeffery, Thomas B.	44	22	5
86,545	Hutsmen, E. N.	532	200	44	466,565	Jeffery, Thomas B.	2	1	93
111,213	Hyde, Oliver	991	362	80	466,780	Jeffery, Thomas B.	3	3	93
117,422	Hyde, Oliver	991	362	80	477,007	Jeffery, Thomas B.	84	46	100
245,071	Illston, George	584	225	53	496,880	Jeffery, Thomas B.	250	154	116
383,396	Illston, George	584	272	58	490,252	Jenkins, Anthony D.	491	117	111
489,585	Imlah, James	118	68	103	287,939	Jenne, Charles H.	608	315	50
217,535	Ingersoll, Roswell K.	189	100	17	94,215	Jennings, S. H.	280	113	24
352,925	Ingraham, Alfred W.	502	257	47	433,172	Jett, John	77	36	8
494,005	Irons, Foster H.	220	136	113	433,172	Jett, John	599	290	49
89,149	Irving, Joseph	54	27	6	480,586	Jewell, Robert	119	68	103
85,527	Irwin, John H.	50	26	5	481,569	Jewett, Frank	127	73	104
86,405	Irwin, John H.	224	150	20	278,021	Jillson, Alonzo	883	402	70
86,406	Irwin, John H.	51	26	5	436,079	Jiran, Charles G.	764	287	64
89,584	Irwin, John H.	551	232	46	232,825	Johnson, Alfred C.	191	101	17
302,495	Isham, Lewis S., and Kelling, John, Jr.	413	193	34	34,369	Johnson, Frank G.	529	199	44
469,651	Israel, Abraham	27	15	95	326,745	Johnson, Frederick L.	765	287	64
481,762	Ives, John P., and Colman, Frank B.	129	75	104	90,687	Johnson, Geo. H., and Rathmann, Henry	114	54	11
282,867	Ivett, Daniel R.	504	202	45	396,210	Johnson, George W.	760	327	63
395,441	Jackson, Calvin	252	169	22	408,624	Johnson, Gottfried	254	170	22
250,737	Jackson, Frederick A., and Frisbie, Wm. M.	766	288	64	379,224	Johnson, Iver	702	271	58
392,956	Jackson, Josiah	504	207	49	379,228	Johnson, Iver, and Torkelson, Reinhard T.	702	271	58
456,702	Jacobs, Charles F.	1036	387	85	388,048	Johnson, Iver, and Hanson, Olaus	665	232	54
83,132	Jacques, James A., Coles, George, and Fanshaw, John A.	817	438	87	388,048	Johnson, Iver, and Fyrberg, Andrew	688	283	57
398,493	James, Campbell E.	936	423	76	391,333	Johnson, Iver, and Osborne, William T.	378	148	31
442,980	James, Jack W.	785	321	66	417,638	Johnson, Sidney	293	114	25
447,240	Jamison, Thomas W.	445	187	39	425,612	Johnson, Thomas, Hanson, Athert, and Whitley, Nathan	046	428	77
339,123	Jan Graw, Selden A.	738	259	61	477,122	Johnson, Warren S.	86	48	100
331,199	Jannus, Frankland	166	79	15	477,123	Johnson, Warren S.	86	48	100
115,212	Janson, Bernhard	184	99	16	97,411	Johnson, Willis H.	635	177	52
473,931	Jaquish, Louis C.	57	33	98	116,062	Johnston, David	551	253	46
478,752	Jaquish, Louis C.	103	58	102	127,063	Johnston, James A.	863	395	68
426,384	Jasper, Wilhelm	630	174	51	349,435	Johnston, James A.	912	413	73
105,587	Jeantaud, Charles	939	363	80	349,433	Johnston, James L.	912	413	73
449,650	Jefferey, Daniel P., and Grant, Arthur W.	1032	384	85	369,595	Johnston, Robert and Peifer, Geo. W., Jr.	171	81	15
470,483	Jefferey, Daniel P., and Grant, Arthur W.	1032	384	85	314,335	Johnston, Thomas	130	61	12
243,560	Jefferson, Thomas E.	875	399	69	465,859	Jolly, Claude	87	42	9
465,044	Jefferson, Charles B.	1047	303	79	90,947	Jones, Edgar A.	287	112	24
19,552	Jeffery & Gormully Manufacturing Co.	801	801	67	460,072	Jones, Frank D.	495	355	40
259,313	Jeffery, Thomas B.	996	364	80	296,837	Jones, Frederick W.	334	130	28
275,917	Jeffery, Thomas B.	581	290	48	334,233	Jones, Harry H.	718	242	60
282,528	Jeffery, Thomas B.	559	256	47	499,241	Jones, James	846	450	90
312,473	Jeffery, Thomas B.	129	60	12	344,440	Jones, Mary S. and Naly, Sarah L.	272	165	118
333,128	Jeffery, Thomas B.	697	268	58	387,166	Jorgensen, Alfred	415	194	34
335,590	Jeffery, Thomas B.	1005	369	81	412,391	Jorgensen, Charles	525	222	44
352,190	Jeffery, Thomas B.	139	65	13	277,904	Josef, Edward E.	883	402	70
354,907	Jeffery, Thomas B.	407	338	38	160,526	Joslin, Jacob D.	830	443	88
355,321	Jeffery, Thomas B.	502	296	49	216,190	Joule, Benj. A.	300	117	26
359,668	Je'er', Thomas B.	689	229	54	325,278	Joyce, Geo. A. and Rushmer, Benj.	904	410	73
359,669	Jeffery, Thomas B.	687	282	57	375,877	Judson, Thomas S.	849	452	90
395,974	Jeffery, Thomas B.	469	340	38	327,952	Junge, Frederick	348	134	29
366,218	Jeffery, Thomas B.	609	269	58	163,381	Jury, F. Herman	993	363	80
366,775	Jeffery, Thomas B.	609	270	58	488,395	Justice, William M.	180	110	110
370,396	Jeffery, Thomas B.	570	306	48	446,354	Kane, John H.	83	40	8
					238,913	Karlis, Helander	432	183	35
					465,861	Karmin, Valerian	48	25	5
					186,136	Katon, Walter, and Bonfils, Paul	297	119	25
					465,934	Keating, John D.	48	25	5
					494,575	Keating, John D.	252	141	114

	P.	C.	R.		P.	C.	R.
428,805 Keating, Robert M.....	90	43	9	161,045 Knapp, George S.....	966	358	92
426,670 Keating, Robert M.....	20	10	2	400,090 Knapp, Joseph.....	149	70	14
485,633 Keating, Robert M.....	160	96	107	222,506 Kneip, Anton.....	422	188	34
491,503 Keating, Robert M.....	206	129	112	455,288 Knell, James V.....	1047	503	79
19,296 Keefe & Beconnon.....	800	800	67	367,301 Knight, Herbert.....	848	451	90
491,429 Keen, John, Marriott, Thos. R., and Cooper, Frederick.....	203	128	112	159,584 Knight, Walter.....	187	99	10
482,090 Kehr, Cyrus.....	131	77	105	375,940 Knight, Walter.....	923	418	74
401,563 Keith, Alpheus.....	937	424	70	334,873 Knight, William W. H.....	970	360	92
461,060 Keller, Martin L., and James M.....	868	397	69	345,063 Knipe, William A.....	848	451	90
497,279 Kelly, Jarvis P.....	253	150	116	279,956 Knous, John.....	650	196	53
499,675 Kelly, Jarvis P., and Hendrick, Joel H.....	270	107	118	281,889 Knous, John.....	683	286	50
304,827 Kelley, William S.....	456	333	37	307,120 Knous, John.....	457	333	37
321,819 Kelley, William S.....	102	70	15	311,188 Knous, John.....	458	334	37
321,932 Kelley, William S.....	163	77	15	312,732 Knous, John, and Wallace, Albert E.....	656	226	54
362,514 Kelley, William S.....	1011	372	82	313,583 Knous, John, and Wallace, Albert E.....	572	395	48
392,498 Kelling, John Jr., and Isahm, Lewis S.....	413	193	34	318,568 Knous, John.....	490	335	37
19,092 Kellner, L. (See Errata).....	178	97	16	322,543 Knous, John.....	696	297	58
283,612 Kellogg, Henry.....	125	58	12	354,511 Knous, John.....	592	296	49
134,894 Kellogg, Hiram.....	864	395	68	363,522 Knous, John.....	678	224	50
359,448 Kelsey, Benjamin.....	141	66	13	371,266 Knous, John.....	662	230	54
296,973 Kelsey, George S.....	694	266	57	374,542 Knous, John.....	576	397	48
484,857 Kempe, Arnold H.....	151	90	106	382,430 Knous, John.....	471	341	38
440,312 Kendall, George D. and William F.....	711	270	59	495,780 Knous, John.....	477	345	39
276,600 Kenfield, William and Stilwell, Henry M.....	769	319	64	177,854 Knudson, Adolph.....	215	94	19
448,750 Kenfield, William W.....	673	238	55	487,753 Koenig, Christian.....	174	106	109
305,198 Kempster, Daniel E.....	598	223	50	453,243 Koepp, Henry.....	514	215	42
369,860 Kempster, Daniel E.....	600	223	50	381,144 Kohler, Frederick E.....	373	145	31
287,943 Kennedy, DeLancy.....	115	54	11	400,091 Kohler, Frederick E.....	383	150	31
446,835 Kennedy, John W.....	747	265	62	498,266 Kopp, Theodore and Lutz, Wm. E.....	241	149	115
383,645 Kennedy, Samuel V.....	927	419	75	498,172 Kortright, George W., and Craven, Charles M.....	260	160	117
485,583 Kenney, Owen E., and Cable, Frank D.....	159	95	107	360,392 Koyl, C. Herschel, and Prindle, Frank P.....	767	289	61
431,060 Kenney, Thomas M.....	210	108	18	355,324 Kramer, Camillo.....	262	91	22
431,061 Kenney, Thomas M.....	211	108	18	361,530 Kramer, Camillo.....	244	164	21
431,997 Kenney, Thomas M.....	506	299	50	390,977 Kramer, Camillo.....	311	421	75
437,998 Kenney, Thomas M.....	1023	380	84	421,100 Kramer, Camillo.....	256	171	22
198,627 Kerr, Christopher C.....	407	192	33	16,066 Krause, Henry.....	398	189	33
464,207 Kessler, Frank J.....	396	155	32	394,793 Krepis, John W.....	633	422	70
169,272 Kester, Ira.....	868	397	69	293,581 Kressly, Wilson.....	984	280	56
477,423 Keyser, Algernon S.....	89	50	101	445,118 Krieger, Julius, and Dallmer, Albert.....	712	276	59
385,717 Kibbe, George.....	679	225	56	498,800 Kromer, Camillo.....	268	163	118
386,990 Kibbe, George.....	145	68	14	245,840 Krueger, John W.....	150	213	42
393,837 Kibbe, George.....	173	82	15	490,750 Kuhn, Edmond.....	195	121	111
402,460 Kibbe, George.....	72	33	7	443,499 Kuolt, Joseph, and Coram, Stephen.....	549	206	46
34,718 Kidder, Francis L.....	530	199	44	493,595 Kurtz, Louis.....	218	135	113
375,755 Kidder, Wellington P.....	247	165	21	481,038 Kupfer, Arthur A., and Herman, C.....	122	70	104
393,071 Kiith, Charles M.....	546	205	46	327,697 La Casse, Henry.....	152	214	42
103,895 Kilner, Geo., and Simmons, Francis H.....	493	191	33	327,979 La Casse, Henry.....	237	160	21
278,972 Kimball, Stephen H.....	66	31	7	372,031 La Casse, Henry.....	245	164	21
471,358 Kimball, Stephen H.....	36	20	96	389,571 La Casse, Henry.....	250	166	21
487,017 Kimball, Stephen H.....	171	103	108	439,408 Lake, Ezra B.....	954	431	78
487,018 Kimball, Stephen H.....	171	103	108	348,851 Lakin, James A., and Emerson, Cyrus J., Jr.....	754	323	63
123,797 King, Robert A.....	285	90	16	59,915 Lallement, Pierre.....	49	25	5
327,397 King, Homer A.....	236	160	20	7,972 (R.).....	49	25	5
327,954 King, Homer A.....	236	160	20	59,915 Lallement, Pierre.....	49	25	5
341,283 King, Homer A.....	139	161	21	59,915 Lallement, Pierre.....	49	25	5
349,800 King, Homer A.....	241	162	21	7,874 Lamb, John and Root, Charles H.....	856	393	66
349,801 King, Homer A.....	356	138	30	444,130 Lambert, Richard C., and Crawford, Harvey F.....	631	175	52
349,802 King, Homer A.....	68	32	7	444,131 Lambert, Richard C., and Crawford, Harvey F.....	631	175	52
353,071 King, Homer A.....	1010	371	82	462,951 Lambert, Robert B.....	208	106	18
358,204 King, Homer A.....	467	339	38	293,656 Lamplugh, James A.....	454	332	37
360,162 King, Homer A.....	467	339	38	311,332 Lamplugh, James A.....	458	334	37
373,807 King, Homer A.....	593	297	61	323,693 Lamplugh, James A.....	461	335	37
404,490 King, Homer A.....	731	249	61	343,909 Lamplugh, James A.....	775	300	65
475,780 King, Wm. E., and Walpole, Wm. R.....	74	40	99	352,331 Lamplugh, James A.....	775	300	65
439,879 King, William H.....	741	261	61	382,534 Lamplugh, James A.....	471	342	38
393,753 Kinne, Porter S., and Sandford, Charles.....	541	203	45	446,355 Lamplugh, James A.....	489	351	40
390,682 Kinney, Edwin R.....	931	421	75	462,951 Lamson, Winslow F.....	855	454	91
62,427 Kirk, George H.....	530	199	44	253,211 Lamson, Charles H.....	774	299	65
317,377 Kirk, John A.....	780	277	65	320,145 Lamson, Charles H.....	752	323	63
413,189 Kirk, John A.....	108	52	10	441,089 Lamson, Charles H.....	772	304	65
275,560 Kirkpatrick, Thomas J.....	452	331	36	450,673 Lamson, Charles H.....	778	302	65
289,272 Kirkpatrick, Thomas J.....	453	331	37	452,977 Lamson, Charles H.....	778	302	65
314,142 Kirkpatrick, Thomas J.....	453	331	37	29,288 Landis, Edward.....	497	208	41
465,666 Kirkpatrick, Thomas J.....	497	337	41	496,834 Landis, William J.....	249	154	110
495,363 Kitto, William H.....	667	333	55	494,008 Landreth, Leopold.....	220	136	113
497,798 Klages, William.....	257	158	117	94,899 Landry, Norbert.....	429	182	35
447,331 Klahr, Davilla L.....	617	319	51	387,685 Lane, Henry G.....	929	420	75
285,821 Klahr, William.....	160	75	14	204,903 Lane, John.....	870	397	69
420,609 Klausner, Arthur E., and Southard, Frank E.....	1022	378	83	278,438 Lane, John.....	884	402	70
420,610 Klausner, Arthur E., and Southard, Frank E.....	1022	378	83	278,665 Lane, John.....	884	403	70
406,742 Klipstein, James H.....	1021	377	83	52,422 Lane, Thomas A.....	857	394	68
344,118 Klotz, Joseph.....	910	412	73	407,724 Lange, Frederick L.....	13	8	94

	P.	C.	R.		P.	C.	R.
494,870	Langer, Gotthold.....	227	144	373,570	Lea, Richard H., and Singer, George.....	27	246
228,908	Langmaak, Friedrich, and Streiff, Peter.....	635	172	382,837	Lea, Richard H., and Singer, George.....	249	166
490,714	Langmuir, Woodburn.....	195	121	435,157	Lea, Richard H., and Singer, George.....	771	310
496,418	Langmuir, Woodburn.....	243	151	306,498	Leddell, Charles S.....	154	72
496,571	Lapsou, George V. G.....	245	152	306,499	Leddell, Charles S.....	161	76
288,821	Larroue, Jean J. A.....	229	158	319,983	Leddell, Charles S.....	155	72
331,644	Latta, Adrain.....	729	243	320,073	Leddell, Charles S.....	155	73
428,919	Latta, Adrain C.....	690	284	10,673 (R.)	Leddall, Charles S.....	157	74
15,297	Latta, Alexander B.....	856	393	320,073	Leddell, Charles S.....	167	79
280,633	Latta, Emmitt G.....	581	291	342,015	Leddell, Charles S.....	171	82
294,649	Latta, Emmitt G.....	583	293	367,049	Leddell, Charles S.....	151	70
294,614	Latta, Emmitt G. and Adrain C.....	583	292	450,586	Leddell, Charles S.....	151	70
301,245	Latta, Emmitt G.....	999	366	98,603	Lee, Benjamin F.....	821	439
312,277	Latta, Emmitt G.....	586	292	497,414	Lee, Henry N.....	173	105
315,304	Latta, Emmitt G.....	718	242	452,307	Lee, William.....	972	360
321,598	Latta, Emmitt G.....	587	293	447,835	Leechman, George D.....	33	17
322,113	Latta, Emmitt G. and Adrain C.....	695	267	420,578	Leeper, James L.....	483	347
322,733	Latta, Emmitt G.....	587	293	420,579	Leeper, James L.....	740	261
323,162	Latta, Emmitt G.....	685	281	422,349	Leggett, William.....	1023	378
323,695	Latta, Emmitt G.....	133	62	480,595	Lehmann, Karl.....	119	68
324,264	Latta, Emmitt G.....	588	293	310,862	Leigh, James, and McDowell, Robert W. H.....	1000	366
324,568	Latta, Emmitt G.....	588	294	490,319	Leining, Augustus, and Shreiner, Edward M.....	192	118
325,420	Latta, Emmitt G. and Adrain C.....	656	227	497,028	Leining, Augustus, and Shreiner, Edward M.....	252	155
325,944	Latta, Emmitt G.....	1004	368	307,133	Leni, Charles, and Millward, Thomas.....	716	241
326,752	Latta, Emmitt G.....	690	267	438,684	Leplattener, Charles.....	89	38
327,399	Latta, Emmitt G.....	134	62	455,220	Lessels, Allan H.....	39	19
328,235	Latta, Emmitt G.....	289	204	455,220	Lessels, Allan H.....	39	19
328,693	Latta, Emmitt G.....	135	63	320,010	Levasseur, Eugene.....	846	450
332,992	Latta, Emmitt G.....	658	227	495,942	Levin, Amesch.....	237	147
337,271	Latta, Emmitt G.....	655	228	417,428	Levin, Leonhard.....	386	151
339,436	Latta, Emmitt G. and Adrain C.....	137	64	421,277	Levison, Michael M., and Horton, James M.....	708	275
343,959	Latta, Emmitt G.....	1007	369	421,936	Levison, Michael M., and Horton, James M.....	709	275
346,292	Latta, Emmitt G.....	1008	370	495,254	Levy, Simon C.....	230	144
347,357	Latta, Emmitt G.....	1009	370	264,674	Lewis, Andrew.....	498	192
360,101	Latta, Emmitt G.....	1	1	96,124	Lewis, Edward A.....	635	177
376,322	Latta, Emmitt G.....	470	340	242,784	Lewis, Edward A.....	160	75
376,662	Latta, Emmitt G.....	470	340	422,086	Lewis, Hiram E.....	680	225
376,892	Latta, Emmitt G.....	470	341	286,835	Lewis, Joseph.....	693	266
377,204	Latta, Emmitt G.....	69	32	485,285	Lewis, Walter.....	155	93
377,566	Latta, Emmitt G.....	247	165	471,845	Lewis, William T.....	40	23
377,900	Latta, Emmitt G.....	1013	373	478,194	Lewis, William T.....	99	56
378,253	Latta, Emmitt G.....	2	1	486,935	Lewis, William T.....	170	103
378,693	Latta, Emmitt G.....	371	144	352,698	Lhoest, Emile and Jules.....	415	194
379,017	Latta, Emmitt G.....	372	144	130,393	Libbey, Asa S.....	824	440
380,495	Latta, Emmitt G.....	248	166	133,014	Libbey, Asa S.....	825	440
382,885	Latta, Emmitt G.....	1014	373	133,785	Libbey, Asa S.....	826	441
387,979	Latta, Emmitt G.....	4	2	88,492	Libbey, Hosea W.....	181	98
391,253	Latta, Emmitt G.....	705	273	339,793	Libbey, Hosea W.....	790	313
391,900	Latta, Emmitt G.....	706	273	351,872	Libbey, Hosea W.....	358	139
392,340	Latta, Emmitt G.....	252	168	413,858	Libbey, Hosea W.....	940	429
396,164	Latta, Emmitt G.....	1016	374	490,391	Libbey, Hosea W.....	192	119
438,551	Latta, Emmitt G.....	95	49	492,907	Libbey, Hosea W.....	213	133
440,897	Latta, Emmitt G.....	97	47	294,645	Lillibridge, Freeman.....	455	332
443,663	Latta, Emmitt G.....	27	13	337,171	Lillibridge, Freeman.....	404	337
444,637	Latta, Emmitt G.....	29	14	105,701	Liming, John.....	505	211
447,434	Latta, Emmitt G.....	32	16	474,453	Linder, Otto.....	63	36
448,442	Latta, Emmitt G.....	99	48	464,508	Lindner, William.....	496	356
452,577	Latta, Emmitt G.....	712	277	88,574	Lindon, William.....	181	98
455,882	Latta, Emmitt G.....	493	354	351,873	Linsley, Charles M., and Biggs, John.....	358	139
457,494	Latta, Emmitt G.....	960	434	462,230	Linsley, Charles M., and Biggs, John.....	369	149
457,494	Latta, Emmitt G.....	1039	389	270,320	Linnell, Philetus E.....	142	66
457,494	Latta, Emmitt G.....	43	22	271,720	Linsley, Edward B.....	558	255
464,653	Latta, Emmitt G.....	496	357	476,884	Lisle, Edward.....	83	45
467,725	Latta, Emmitt G.....	11	7	273,746	Little, James R.....	881	401
471,798	Latta, Emmitt G.....	39	22	273,746	Little, James R.....	571	304
472,732	Latta, Emmitt G.....	26	9	10,842 (R.)	Little, James R.....	571	305
479,566	Latta, Emmitt G.....	111	63	273,746	Little, James R.....	572	305
479,946	Latta, Emmitt G.....	115	66	334,249	Little, James R.....	906	411
86,235	Laubach, William H.....	50	26	334,252	Little, James R.....	907	411
92,976	Lauer, John.....	58	29	334,253	Little, James R.....	573	305
332,263	Laughlin, Julian.....	697	268	334,253	Little, James R.....	574	306
89,543	Laurence, H. Clay.....	283	111	334,253	Little, James R.....	574	306
92,460	Laurence, Henry.....	58	28	337,172	Little, James R.....	575	306
178,066	Laurence, Walcott R.....	187	99	361,637	Little, James R.....	576	306
422,232	Laurence, Charles F.....	595	298	338,988	Little, James R.....	576	306
494,786	Lavender, Chas. F., and Fane, Thos.....	151	90	386,326	Little, James R.....	928	420
490,827	Lavigne, Joseph P.....	105	122	406,747	Little, James R.....	579	308
490,828	Lavigne, Joseph P.....	105	122	409,475	Little, James R.....	940	425
490,829	Lavigne, Joseph P.....	106	122				
490,830	Lavigne, Joseph P.....	106	123				
454,279	Lawrence, John.....	972	364				
90,593	Lawson, Benjamin S.....	56	28				
345,851	Lawson, Henry J.....	68	32				
491,057	Lawson, Margaret H.....	199	125				

	P.	C.	A.		P.	C.	A.
475,582 Little, James R.....	72	39	99	20,652 McConaughy, Thomas and McCol'um, Jas.,	856	393	67
446,387 Little, Joseph A.....	489	351	40	474,096 <b>McCormick, Thomas</b> .....	59	34	98
452,797 Little, Joseph A.....	490	352	40	397,015 McCoy, Joseph.....	425	189	34
259,462 Livingston, Henry S.....	750	322	62	314,701 McCoy, William D.....	460	335	37
472,411 Livingston, Murray V., and Toney, George W.....	44	25	97	476,479 <b>McCoy, William D.</b> .....	80	43	100
295,257 Lloyd, Walter J.....	331	129	28	87,275 McCully, Robert.....	503	210	41
334,208 Lloyd, Walter J., and Priest, William.....	354	137	30	334,393 McCune, Joseph B.....	1005	369	81
352,793 Lloyd, Walter J., and Priest, William.....	724	245	60	302,763 McCune, Joseph B.....	668	269	58
421,946 Lloyd, Walter J., and Priest, William.....	732	250	61	306,287 McCune, Joseph B., and Vost, Joseph L.....	661	229	54
426,191 Lloyd, Walter J., and Priest, William.....	19	9	2	306,288 McCune, Joseph B., and Vost, Joseph L.....	726	246	60
448,960 Lloyd, Walter J., and Priest, William.....	34	18	4	307,883 McCune, Joseph B., and Vost, Joseph L.....	666	230	54
450,888 Lloyd, Walter J., and Priest, William.....	36	18	4	424,994 McCune, Joseph B., and Vost, Joseph L.....	107	8	2
120,059 Lobben, Wedler and Hanson, Olaus.....	14	7	2	456,771 McCune, Joseph B.....	1037	388	85
194,697 Logan, John F.....	967	358	92	449,540 <b>McCurdy, John R.</b> .....	244	152	115
474,138 Long, David F.....	59	34	98	444,432 McDonald, George R., and Graham, Wm. H.....	956	432	78
476,253 Long, Eugene and Curtis, Wallace B.....	79	43	100	498,136 <b>McDonald, Hugh</b> .....	260	160	117
281,091 Long, George A.....	621	172	51	253,481 <b>McDonnell, Patrick E.</b> .....	749	322	62
320,076 Long, George S.....	1003	368	81	477,140 <b>McDougall, Archie</b> .....	86	48	100
337,774 Long, George S.....	1005	369	81	484,681 <b>McDougall, Isaac S., and Smith, Geo. H., and Hartley, Richard K.</b> .....	150	89	106
245,843 Long, Michael.....	876	399	69	89,783 McDougall, S. T.....	283	111	24
36,160 Longgett, Alexis.....	178	97	16	386,332 McDowell, Malcolm.....	929	420	75
94,325 Look, Obad.....	861	395	68	310,862 McDowell, Robert W. H., and Leigh, James.....	1000	366	81
358,618 Loomis, William H.....	971	360	92	375,176 McEntee, Arthur E.....	370	143	31
328,415 Loose, John.....	542	203	45	421,748 McErlain, John J.....	91	44	9
298,217 Lorenz, William A.....	161	75	14	286,623 McGaffey, Ives W.....	559	256	47
303,228 Lorenz, William A.....	1000	366	81	230,428 McGann, Owen J.....	303	119	26
246,682 Lorenz, Ratti.....	193	101	17	149,290 McGivray, Lewis T.....	595	211	41
325,548 Lose John O.....	640	179	52	408,845 McGlinchey, Charles E.....	731	249	60
303,530 Loser, Charles.....	127	59	12	442,532 McGlinchey, Charles E.....	711	276	50
422,087 Loser, Charles H.....	442	186	36	445,125 McGlinchey, Charles E.....	82	40	8
96,128 Lowden, George.....	200	113	24	455,474 McGlinchey, Charles E.....	493	354	40
233,682 Lowden, George.....	305	119	26	460,279 McGlinchey, Charles E.....	495	356	41
247,078 Lowden, George.....	410	192	33	465,590 McGlinchey, Charles E.....	48	25	5
69,096 Lowe, R. E.....	183	98	16	468,998 <b>McGlinchey, Charles E.</b> .....	23	13	95
258,447 Lowrey, John M.....	104	102	17	420,663 McGovern, Bernard.....	1022	378	83
239,812 Louth, James.....	306	119	26	189,318 McGowan, John.....	869	397	60
498,607 Lozier, Henry A.....	263	161	117	253,739 McGregg, Thomas.....	312	122	27
23,100 Luburg Manufacturing Company.....	261	261	117	499,587 <b>McHardy, Francis P.</b> .....	194	120	111
301,417 Lucas, Andrew H.....	418	195	34	136,607 McIntire, Samuel.....	864	395	68
269,076 Lildeke, Eduard.....	435	184	35	470,915 <b>McIntire, William C.</b> .....	34	19	96
369,017 Ludewigs, Otto.....	277	89	23	329,755 McIntosh, Peter E.....	201	104	18
170,866 Ludlow, Samuel W.....	869	397	69	31,143 Mackay, John S.....	993	357	91
490,615 Luebben, Charles M.....	259	160	117	435,977 McKee, Newton.....	504	258	47
458,779 Luten, George B., Baker, Howard F., and Sheldon, John.....	1037	388	85	474,400 <b>McKenna, Thomas E.</b> .....	62	35	98
91,550 Lund, John.....	633	176	52	241,395 McKenzie, James A.....	119	56	11
482,182 Lungren, Charles M.....	132	77	105	242,212 McKenzie, James A.....	307	120	26
493,554 Lungren, Charles M.....	248	135	113	36,161 Mackenzie, Philip W.....	498	208	41
305,698 Lunsford, Robert B.....	436	184	35	39,340 Mackenzie, Philip W.....	499	208	41
303,229 Luppen, Luppe.....	893	406	71	41,310 Mackenzie, Philip W.....	499	209	41
492,754 Luther, Chas. H., Jr., and Waterman, Stephen.....	212	132	112	3,219 (R.) } Mackenzie, Phillip W.....	499	208	41
428,313 Luthman, Charles, and Messmer, Alexan- der L. H.....	949	429	77	39,161 (R.) } Mackenzie, Phillip W.....	500	209	41
95,701 Lutteke, Peter.....	402	190	33	7,818 (R.) } Mackie, Frank A.....	233	159	20
406,266 Lutz, Wm. E., and Kopp, Theodore.....	241	149	115	41,310 Mackie, Frank A.....	267	85	23
466,893 Lybe, Daniel I., and Nickles, Wm. O.....	5	3	93	87,570 McKerahan, William.....	954	431	78
466,500 Lymburner, Ferdinand L.....	1	1	93	442,070 McLean, Robert.....	197	103	17
441,679 Lynam, Frank.....	777	301	65	298,994 McMahan, Mathias F.....	953	431	78
294,056 Lynch, Edward P.....	889	494	71	439,935 McMahan, James.....	427	182	35
480,599 Lynch, Wm., and Tremper, Eugene.....	120	69	103	91,035 McMullan, James W.....	808	435	86
418,982 Lyon, Fremont E.....	1021	377	83	7,650 McMullen, Richard and Day, Horace H.....	139	65	13
329,402 Lyon, Wallace.....	136	63	13	351,118 McMurphy, Albert K.....	457	333	37
481,236 Macauley, Edwin W.....	124	72	104	308,442 McNab, John C., and Stilwell, Henry M.....	912	413	73
53,161 McAuley, Thomas and Cheney, Merick L.....	814	437	87	352,141 Macphail, James.....	412	413	73
24,222 McBurney, Charles.....	809	435	87	366,332 Macphail, James and Needham, Franklin M.....	620	416	74
27,816 McBurney, Charles.....	810	436	87	475,142 <b>McPherson, Donald H.</b> .....	67	37	99
12,069 McBurney, Charles.....	824	440	88	479,841 Madden, Dutton.....	33	19	96
468,680 <b>McCabe, Bartholomew</b> .....	20	11	95	480,600 Magennis, John.....	120	60	103
468,750 <b>McCabe, Joseph</b> .....	20	11	95	205,196 Mahedy, James.....	536	201	45
280,054 McCall, Robert S., and Joseph W.....	66	31	7	491,366 <b>Mahoney, William</b> .....	203	128	112
465,140 McCammon, John.....	153	71	14	456,625 Malfait, Frederic.....	305	155	32
437,223 McCarty, Oxley.....	390	153	32	369,864 Mallette, George W.....	172	81	15
466,200 McCash, James A.....	744	263	62	304,960 Malmgren, John G., and Rodine, Charles A.....	414	194	34
88,889 McCleave, Frederick William.....	224	156	20	110,057 Malby, Henry A.....	293	114	25
359,800 McClintock, Jay.....	785	320	66	123,571 Malby, Henry A.....	293	114	25
331,518 McClure, Alex. W.....	67	31	7	92,353 Mauheim, Chas., and Perry, Edward L. (R.) } Manheim, Charles, and Perry, Ed- ward L.....	819	438	87
342,629 McClure, Alex. W.....	68	31	7	468,671 <b>Mann, Henry F.</b> .....	18	10	94
144,551 McClure, James F.....	186	99	16	468,672 <b>Mann, Henry F.</b> .....	19	10	94
157,210 McClure, James F.....	605	315	50	468,673 <b>Mann, Henry F.</b> .....	19	10	94
485,110 <b>McClymonds, Louis K.</b> .....	153	91	106	92,353 } ward L.....	820	438	87
20,652 McCollum, James and McConaughy, Thos.....	856	393	67	468,671 <b>Mann, Henry F.</b> .....	18	10	94
259,411 McCombs, Paul.....	555	254	46	468,672 <b>Mann, Henry F.</b> .....	19	10	94
489,975 <b>McCormish, John J.</b> .....	188	116	110	468,673 <b>Mann, Henry F.</b> .....	19	10	94

	P.	C.	R.		P.	C.	R.		
468,674	Mann, Henry F.	19	11	94	351,972	Meneely, Charles D., and Gibbons, John.	274	87	23
175,470	Manning, Robert S.	786	312	66	353,935	Meneely, Charles D., and Gibbons, John.	275	88	23
494,584	Manton, Joseph P.	225	141	114	201,205	Menez, Vincent A.	536	201	45
446,093	Manuel, Alfred, and Hibbert, Wm. E.	30	15	3	354,337	Mercer, Alfonso.	360	140	30
171,623	Marble, George W.	295	115	25	460,784	Mercer, William R.	496	356	41
9,707	(R.) } Marble, George W.	296	115	25	491,578	Mercer, William R.	207	129	112
171,623					194,363	Merrens, Henry J.	835	445	89
185,401	Marble, George W.	64	30	6	458,182	Merrifield, Stephen.	661	434	79
304,334	Marble, George W.	456	332	37	337,183	Merrill, Anson P.	770	310	64
316,047	Marble, George W.	130	61	12	355,700	Merrill, Anson P.	914	414	74
383,499	Marble, George W.	164	77	15	458,974	Merrill, Anson P.	748	265	62
383,401	Marble, William S.	545	205	45	492,410	Merrill, Anson P.	211	131	112
468,577	Marquardt, Frederick	17	10	94	249,853	Merrill, Nelson.	311	121	26
86,787	Marden, Jesse, Jr., and Thompson, Abraham D.	279	110	23	291,370	Merrill, Nelson.	320	128	28
346,667	Maret, John C.	240	162	21	351,880	Merrill, Nelson.	687	282	57
16,295	Maris, Jared.	978	978	92	469,708	Merrill, Parker.	29	17	95
16,296	Maris, Jared.	979	979	92	309,190	Merritt, Henry W., and Foster, William C.	381	140	31
16,430	Maris, Jared.	979	979	92	352,832	Messner, Alexander L. H.	912	413	73
16,431	Maris, Jared.	980	980	92	428,313	Messner, Alexander L. H., and Luthman, Charles H.	949	429	77
16,432	Maris, Jared.	980	980	93	460,026	Messner, Alexander L. H.	23	13	95
16,467	Maris, Jared.	981	981	93	89,293	Metten, George R., and Cowles, Edwin.	55	27	6
16,468	Maris, Jared.	981	981	93	478,064	Metz, Charles H.	95	53	101
413,949	Mark Charlie E.	941	426	76	89,679	Metzgar, Hiram T.	283	111	24
294,668	Marks, Frank K., and Poolman, James.	889	404	71	109,644	Mey, F. H. C.	791	321	66
333,531	Marlin, John M.	270	243	60	68,641	Meyer, Charles F. W.	816	438	87
348,680	Marlin, John M.	723	244	60	495,082	Michelin, Edouard.	239	148	115
369,540	Marlin, John M.	368	143	31	497,453	Michelin, Edouard.	255	156	116
369,541	Marlin, John M.	700	270	58	386,304	Middle, Thomas, and Emerson, James E.	850	452	91
388,427	Marlin, John M.	146	68	14	386,306	Middle, Thomas, and Emerson, James E.	850	452	91
400,098	Marlin, John M.	1020	376	83	386,307	Middle, Thomas, and Emerson, James E.	850	452	91
384,990	Marlin, Malton H.	87	42	9	398,423	Middle, Thomas.	850	452	91
154,500	Marqua, Philip J.	295	115	25	398,424	Middle, Thomas.	851	453	91
491,429	Mariott, Thomas R., Cooper, Frederick, and Keen John	203	128	112	398,425	Middle, Thomas.	851	453	91
413,760	Marsh, Walter F.	940	425	76	398,426	Middle, Thomas.	851	453	91
210,701	Marshall, Justice W.	871	398	76	398,428	Middle, Thomas.	851	453	91
315,805	Marshall, Justice W.	900	408	72	398,430	Middle, Thomas.	852	453	91
478,878	Marshall, Thomas B.	105	60	102	398,431	Middle, Thomas.	852	453	91
487,577	Martens, Allen.	174	105	109	291,069	Mikkelsen, Niels.	411	193	34
124,500	Martin, David.	130	182	36	438,273	Miller, Austin E.	616	319	51
449,954	Martin, Frank.	213	109	19	471,770	Miller, Austin E.	39	22	96
458,736	Martin, John.	961	434	79	86,682	Miller, Charles H., and Ellis, George.	51	26	5
116,205	Martin, Michael.	430	182	35	90,220	Miller, Charles H., and Baldwin, Orvide O.	55	28	6
340,340	Martin, Samuel.	220	96	19	460,179	Miller, Frank.	43	21	4
339,440	Martin, Stephen.	677	224	56	460,180	Miller, Frank.	43	21	5
470,249	Martinez, Richard P.	32	18	66	475,510	Miller, Frederic S.	71	39	99
486,230	Martinez, Richard P.	165	100	108	289,017	Miller, George W.	560	256	47
475,785	Mason, Frank H.	74	40	99	473,586	Miller, George W.	51	29	97
169,774	Masse, Jacques, Bodel, Louis G., and Webster, William.	215	93	19	477,799	Millet, Charles W.	93	52	101
461,356	Matern, William J.	92	22	5	255,465	Millet, Julius V., and Shepherd, John.	968	359	92
452,046	Mather, Alex. C.	45	433	78	247,775	Miller, Thomas A.	877	400	70
452,047	Mather, Alex. C.	958	433	78	312,147	Mills, Francis E.	640	179	52
463,710	Mathews, James H.	47	24	5	307,131	Millward, Thomas, and Leni, Chas.	716	241	60
323,052	Matteson, Jefferson W.	235	159	20	9,708	Minnis, T. S., (See Errata.)	178	97	16
475,130	Mattison, James D.	66	37	99	435,665	Minnis, William H.	420	190	34
479,828	Mattison, James D.	113	65	103	443,292	Mitchell, Claudius H., and Veitch, Richard M.	80	44	100
438,750	Matten, Herman.	264	162	117	294,655	Mitchell, Oliver M.	456	332	37
364,426	Maturo, Henry Q.	919	416	74	296,703	Mitchell, Oliver M.	655	226	53
481,681	Maxfield, Morgan E., and Wellstein, Joseph	128	74	104	190,353	Mitchell, William S.	297	116	25
260,491	May, Leopold.	878	400	70	271,899	Mitchell, William S.	528	219	44
27,553	Mayall, Thomas J.	810	436	87	470,070	Mofat, Geo. D., and Huss, Rudolph W.	31	18	95
31,552	Mayall, Thomas J.	811	436	87	442,779	Mogk, Victor F.	1028	382	84
31,614	Mayall, Thomas J.	811	436	87	200,326	Mohler, Charles F. and James B.	870	397	69
39,237	Mayall, Thomas J.	812	436	87	354,049	Mohr, Lucie F.	416	194	34
39,238	Mayall, Thomas J.	812	436	87	406,661	Mohr, Edwin.	10	6	2
88,887	Mayall, Thomas J.	810	438	87	434,665	Molin, Charles G.	149	70	14
125,594	Mayall, Thomas J.	823	440	88	22,711	Monarch Cycle Company.	223	223	114
125,595	Mayall, Thomas J.	824	440	88	361,310	Monnin, Alpheus C., and Filliez, Peter.	726	246	60
494,041	Maybach, Wilhelm.	226	141	114	376,241	Monnin, Alpheus C., and Filliez, Peter.	159	75	14
4105,591	Mayfield, Reuben N.	563	257	47	86,856	Monroe, Joshua.	224	156	20
97,421	Maynard, Charles A.	291	113	25	438,935	Montgomery, James W.	176	84	16
24,132	Mayo, W. S.	800	435	87	473,196	Moody, David J.	48	27	97
359,222	Meacom, George.	848	451	90	293,347	Moore, Baldwin S.	330	128	28
197,155	Mead, Ira W.	870	397	60	420,756	Moore, Charles J., and Yost, Joseph L.	15	8	2
410,645	Mead, Samuel C.	940	425	76	448,409	Moore, Charles J., and Yost, Joseph L.	490	351	40
457,654	Meador, George.	494	354	40	475,404	Moore, Charles J.	71	39	99
470,878	Meade, Ezra W.	34	19	96	496,664	Moore, Chas. J., and Burwell, Geo. A.	246	153	116
466,613	Meigs Geo. W., and Ziegler, John G.	3	2	93	496,665	Moore, Chas. J., and Burwell, Geo. A.	246	153	116
474,327	Meigs, Geo. W., and Ziegler, John G.	61	35	98	75,953	Moore, H. C., and Burwell, Geo. A.	531	199	44
498,479	Meisch, Michael F.	263	101	117	92,338	Moore, Stephen.	904	357	91
422,089	Melin, Gustaf A.	646	216	53	476,157	Moore, Thomas C., and Crull, Solomon F.	77	42	99
453,151	Mendenhall, Amos.	602	224	50					

	P.	C.	R.		P.	C.	R.		
448,358	Moore, Thomas L.	111	53	10	136,750	Nevers, William	534	200	44
365,015	Moore, Thomas W.	361	143	31	74,379	Nevison, Thomas Jr., and James	859	394	68
403,059	Moore, Thomas W.	72	34	7	459,826	Newhouse, Frederick	388	152	3
447,341	Moore, Van Zandt M.	672	36	55	425,240	Newhouse, Frederick	946	428	77
42,978	Moores, William C.	426	181	35	456,590	Newhouse, Frederick	394	155	32
235,551	Moran, Thomas W.	681	279	56	462,086	Newhouse, Frederick	396	155	32
235,552	Moran, Thomas W.	996	364	80	407,015	Newkirk, Isaac R.	6	4	93
245,542	Moran, Thomas W.	602	265	57	224,215	Newlin, William	567	304	48
490,035	Morgan, Fred W., and Wright, Rufus.	188	116	110	234,190	Newlin, William	873	398	60
496,321	Morgan, Fred W., and Wright, Rufus.	241	149	115	283,271	Newlin, William	885	403	70
496,789	Morgan, Fred W., and Wright, Rufus.	247	154	116	73,029	Newman, Martin	531	199	44
335,297	Morgan, John F.	738	260	61	241,698	Newsam, Geo. A., and Hayes, John	520	220	43
473,426	Morgan, Joseph U.	49	28	97	231,347	Newton, Richard	304	119	26
337,975	Morgan, Schuyler W.	613	317	51	399,202	Nice, John E.	920	417	74
86,573	Morrell, James A.	180	97	16	284,050	Nichols, Mark M.	840	447	89
238,245	Morris, Freeman	773	299	65	391,483	Nichols, Herman, and Rose, Henry C.	764	287	64
19,157	Morris, George L., and Wilson, William T.	798	798	67	382,658	Nickerson, Fred A.	1014	373	82
466,242	Morris, George L., and Wilson, William T.	43	21	5	466,893	Nickles, Wm. O., and Lybe, Daniel L.	5	3	93
496,527	Morris, James R.	244	151	115	329,938	Nicolet, Albert	970	360	92
496,528	Morris, James R.	244	152	115	90,774	Nielsen, Alfred	259	90	22
469,165	Morris, Jesse T., Jr.	23	13	95	401,995	Nipp, John H.	937	424	76
266,887	Morris, William B.	317	124	27	102,423	Nisslosdoff, Stanis	184	99	16
485,350	Morrow, Alex. P.	157	94	107	423,800	Nodder, Samuel, and Petford, Wm. H.	484	347	39
347,054	Morse, Frederick H.	697	268	58	109,316	Nolan, John H.	504	210	41
456,833	Morse, Preston C.	735	251	61	193,098	Nolan, John H.	597	211	42
92,991	Morse, Thomas N.	59	29	6	498,494	Noonan, Edward T., and Schmill, Joseph V.	263	161	117
415,117	Morsman, John A., and Highby, Edward H.	941	426	77	305,061	Norman, Cornelius A., and Ellis, Robert	198	103	17
425,898	Morsman, John A., and Highby, Edward H.	947	428	77	499,949	Normanton, Alfred and Herbert	251	155	116
480,026	Morton, Augustus	116	66	103	393,337	Norton, Malcolm A.	665	232	55
255,004	Morton, John J.	750	322	62	401,295	Norton, Malcolm A.	9	5	1
418,923	Morton, George	740	260	61	152,160	Notley, William	886	403	70
462,013	Moseley, Joseph, and Blundstone, Benj.	1042	391	86	459,016	Nowark, Morez.	294	114	25
475,732	Moseley, Joseph, and Blundstone, Benj.	73	40	99	321,910	Noyes, LaVerne, W.	85	48	81
258,589	Mosher, George A.	555	254	46	287,566	O'Brien, Thomas	424	189	34
456,631	Mosher, Samuel E.	41	20	4	347,503	O'Brien, Thomas	240	162	21
456,632	Mosher, Samuel E.	418	88	4	372,428	O'Brien, Thomas	103	50	10
477,772	Mosher, Samuel E.	445	52	36	372,429	O'Brien, Thomas	246	165	10
477,796	Moskowitz, Jacob D.	93	52	37	368,604	O'Brien, Thomas	103	50	10
88,894	Mott, Thomas H.	267	85	23	388,997	O'Brien, Thomas	5	2	1
454,833	Moynahan, Frederick H. S.	84	41	8	394,287	O'Brien, Thomas	101	374	82
96,466	Muehle, Bernard H.	51	29	6	399,774	O'Brien, Thomas	378	148	31
484,941	Müller, Joseph J.	152	90	106	413,414	O'Brien, Thomas	13	7	2
371,513	Muller, Valentine H.	102	50	10	413,415	O'Brien, Thomas	89	43	9
193,988	Mulliner, Francis	995	364	80	471,621	O'Brien, Thomas	37	21	96
381,504	Mullins, Richard	207	106	18	471,651	O'Brien, Thomas	37	21	96
478,805	Munson, Corydon W.	105	59	192	468,823	O'Connor, Edward J.	21	12	95
102,853	Munson, Ira F.	862	395	68	392,756	O'Day, John, and Rice, Henry M.	932	422	75
219,500	Munson, Ira F.	872	398	69	481,118	O'Donnell, Michael J.	123	71	104
420,927	Munz, Theodore C., and Burgess, William D.	944	427	77	496,093	Okey, Joseph B.	240	148	115
482,806	Munz, Theodore C.	135	79	105	245,012	Oldreive, Charles W.	192	101	17
493,793	Murdock, Horace B.	730	252	61	97,683	Olivier, Rene	61	29	6
249,251	Murphy, Jeremiah	554	254	61	415,787	Oliver, Thomas P.	942	426	77
159,345	Murphy, John	830	443	88	394,718	Olsen, Gunder	933	422	70
186,492	Murphy, John	834	444	89	454,227	Olsen, Thre J.	529	219	44
296,436	Murphy, John	841	447	90	89,235	O'Neill, Arthur	282	111	24
266,114	Murray, Joseph S.	682	279	56	444,639	O'Neill, William R.	82	40	8
360,510	Murray, Joseph S.	586	292	49	492,735	Opdal, John	212	132	112
545,452	Murray, William	671	235	55	482,271	Openshaw, George, and Carr, Charles A.	133	77	105
324,952	Mustard, James E.	904	410	72	301,262	Oreunt, William D.	892	406	71
270,401	Myer, Frank X., Jr.	997	395	80	259,853	O'Rear, James W., and Hull, Welcome H.	114	54	11
87,355	Myers, Frederick	632	176	52	391,333	Osborne, William T., and Johnson, John	378	148	31
456,795	Myers, Henry	1037	387	85	446,810	Ostergren, Otto F., and Schnap, Alex. K.	788	313	66
459,015	Myers, Henry	1040	389	86	492,047	Otis, John D., and Harper, James M.	298	139	112
468,971	Myers, Henry	22	13	95	87,285	Ott, Joseph J.	632	176	52
477,773	Myers, Henry	93	53	101	212,492	Otto, Edouard C. F.	270	86	23
477,774	Myers, Henry	94	53	101	243,959	Otto, Edouard C. F.	270	86	23
486,884	Myers, Luther	170	102	108	246,031	Otto, Edouard C. F.	636	177	52
452,973	Nägel, Jacob, and Huelsen, Felix J.	37	18	4	250,960	Otto, Edouard C. F.	271	86	23
455,945	Nägel, Jacob, and Huelsen, Felix J.	40	20	4	252,504	Otto, Edouard C. F.	227	157	20
477,659	Nägal, Jacob, and Huelsen, Felix J.	92	52	101	309,355	Otto, Edward C. F.	897	408	72
499,244	Naly, Sarah L., and Jones, Mary S.	272	165	118	10,760	(R.) } Otto, Edward C. F.	898	408	72
68,092	Neal, Robert	183	98	16	309,355	( )	352,888	88	23
366,332	Needham, Franklin M., and Macphail, James	920	416	74	358,201	Otto, Edward C. F.	1011	371	82
234,799	Neely, Thaddeus A.	968	359	92	257,375	Overman, Albert H.	315	123	27
239,976	Neff, Joseph B.	874	398	69	257,512	Overman, Albert H.	316	123	27
293,498	Neff, Joseph B.	888	404	71	270,691	Overman, Albert H., and Hadley, Chas. F.	318	124	27
428,176	Nelson, Robert L.	948	429	77	282,358	Overman, Albert H., and Hadley, Chas. F.	321	126	27
499,245	Nesbitt, John B.	272	165	118					
257,602	Nesinger, Lawrence	969	359	92					
410,179	Neuhauer, Otto	74	34	7					

	P.	C.	R.		P.	C.	R.
283,413 Overman, Albert H., and Hadley, Chas. F.	998	365	80	164,028 Peake, James B.	966	368	92
292,908 Overman, Albert H., and Hadley, Chas. F.	683	280	56	421,013 Peare, George R.	945	428	77
313,018 Overman, Albert H., and Hadley, Chas. F.	342	132	29	368,607 Pearne, Benjamin M.	205	105	18
315,537 Overman, Albert H.	1002	367	81	492,988 Pease, Charles F.	213	133	113
329,850 Overman, Albert H.	462	337	37	492,989 Pease, Charles F.	214	134	113
329,851 Overman, Albert H.	686	286	57	492,990 Pease, Charles F.	214	134	113
331,001 Overman, Albert H.	463	337	37	97,110 Pease, Joseph I.	291	113	25
343,841 Overman, Albert H.	465	336	38	242,033 Peck, Aaron D.	874	399	69
381,274 Overman, Albert H.	728	247	60	437,820 Peck, Frank E.	734	259	61
385,370 Overman, Albert H., and Hadley, Chas. F.	4	2	1	457,242 Peck, Frank E., and Barr, Henry G.	112	53	10
388,068 Overman, Albert H.	929	420	75	304,223 Peck, Mason S.	272	87	23
392,821 Overman, Albert H.	474	343	39	290,919 Peet, Benjamin F.	454	332	37
398,533 Overman, Albert H.	666	232	55	479,656 Peet, Benjamin F.	112	63	103
406,461 Overman, Albert H.	731	249	61	360,595 Peifer, George W., Jr., and Johnston, Robert.	171	81	15
406,462 Overman, Albert H.	65	197	53	265,056 Pelton, Charles H., and Gable, Wm.	638	178	52
436,993 Overman, Albert H.	1025	379	84	50,078 Percival, Leven C.	500	209	41
437,447 Overman, Albert H.	1025	380	84	471,075 Perkins, Albert, and Curtis, Albert B.	34	19	96
438,383 Overman, Albert H.	1026	380	84	474,759 Perkins, Albert.	64	36	98
442,387 Overman, Albert H.	660	235	55	494,076 Perkins, Albert.	227	137	114
446,189 Overman, Albert H.	1029	382	84	486,294 Perkins, George A.	165	100	108
446,692 Overman, Albert H.	1030	382	84	284,475 Perkins, Lyman C.	160	75	4
450,816 Overman, Albert H.	1032	384	85	309,086 Perkins, Lyman C.	161	76	15
463,390 Overman, Albert H.	675	239	56	7,929 Perkins, Nahum S. C.	793	793	67
480,210 Overman, Albert H.	117	67	103	223,241 Perkins, Nahum S. C.	300	117	26
428,991 Overman, Charles K., and Woodward, Charles E. W.	110	52	10	231,609 Perkins, Nahum S. C.	304	119	26
476,297 Overs, Curtis E.	79	43	100	325,408 Perkins, Richard B., and Heilman, Russell P.	512	214	42
225,760 Overstreet, William.	190	100	100	496,132 Perkins, Robert.	240	49	115
323,066 Owen, Frederick D.	132	62	12	124,621 Perreux, Louis G.	619	171	51
365,901 Owen, Frederick D.	1012	372	82	390,807 Perret, Richard A.	594	207	49
478,206 Owen, Frederick D.	99	56	101	93,159 Perry, Charles M., and Aspinwall, John A.	551	252	46
330,346 Owen, Herbert S.	165	78	15	9,348 (R.) } Perry, Charles M., and Aspinwall, John A.	551	552	46
392,523 Owen, Herbert S.	88	5	1	93,159 } John A.	551	552	46
398,745 Owen, Herbert S.	9	5	1	66,518 Perry, Edward L., and Torrey, Wm. A.	815	438	87
415,072 Owen, Herbert S., and Starley, William.	108	52	10	85,395 Perry, Edward L.	818	438	87
481,053 Owen, Herbert S.	122	70	104	92,316 Perry, Edward L., and Manheim, Charles.	819	438	87
497,995 Owen, Herbert S.	258	158	117	41,448 (R.) } Perry, Edward L., and Manheim, Charles.	820	438	87
497,996 Owen, Herbert S.	258	159	117	92,353 } Charles.	820	438	87
466,683 Owsley, Harry B.	5	3	93	219,596 Perry, Edward L.	837	445	89
498,688 Oyler, John T.	264	162	71	289,854 Perry, Edward L.	841	447	90
309,392 Packer, John F.	892	406	117	309,087 Perry, Edward L.	844	449	90
323,441 Packer, John F.	902	410	72	475,020 Perry, George R., and William H., and George, Cortis K.	66	37	98
369,874 Packer, John F.	921	417	74	469,715 Perry, Richard D.	29	17	95
303,513 Paddock, William, and Harvey, Charles.	716	241	60	476,948 Perry, Richard D.	83	46	100
288,849 Padmore, Casper P.	453	331	37	87,287 Perry, Stuart.	604	314	50
80,206 Padrick, Oscar D.	603	314	50	415,790 Persil, William P.	630	174	51
311,084 Paessler, Theophilus H.	341	132	29	500,293 Persil, Eugene J. L.	281	172	119
320,677 Paessler, Theophilus H.	234	159	20	296,776 Pesenecker, Albert.	436	184	35
320,678 Paessler, Theophilus H.	220	95	19	457,619 Peter, Victor.	510	208	42
328,709 Paessler, Theophilus H.	136	63	13	342,972 Petersen, Thorwald N.	352	136	29
496,616 Page, Calvin S.	245	152	115	423,800 Petford, William H., and Nodder Samuel.	484	347	39
392,749 Page, Thomas S.	932	421	75	359,629 Petit, Albert O.	739	260	61
392,749 Page, Thomas S.	932	422	75	493,338 Petrini, Edvard.	210	135	113
499,574 Pagett, Charles H.	274	166	118	109,447 Pettibone, C. Vallette.	991	362	80
88,198 Paine, William L.	53	27	6	357,286 Pfautz, Daniel M.	614	317	51
359,809 Palmer, Charles A. E. T.	916	415	74	490,983 Pfautz, Daniel M.	197	124	111
367,115 Palmer, Charles A. E. T.	700	270	58	317,847 Pfeiffer, Emil C.	1002	367	81
126,900 Palmer, George T.	494	191	33	495,511 Pfeiffer, George E.	233	145	114
467,642 Palmer, John F.	10	5	94	479,839 Pfleger, John.	114	65	103
476,679 Palmer, John F.	81	44	100	408,743 Phelps, Charles H.	478	345	39
476,680 Palmer, John F.	81	44	100	472,484 Phelps, Lucius J.	44	25	97
476,681 Palmer, John F.	81	44	100	472,485 Phelps, Lucius J.	45	25	97
489,714 Palmer, John F.	188	115	110	481,734 Phelps, Lucius J.	129	74	104
360,470 Palmer, John H.	593	296	49	482,487 Phelps, Lucius J.	133	78	105
233,691 Palmer, William.	305	119	26	499,174 Phelps, Lucius J.	271	165	118
442,388 Paoli, John.	700	328	63	292,351 Philbrick, Andrew J.	683	280	56
372,325 Parish, Thomas.	768	289	64	336,277 Philbrick, Andrew J., and Wood, John, Jr.	686	282	57
436,806 Parke, Kate.	771	310	64	350,990 Philbrick, Andrew J.	746	264	62
341,816 Parker, George A.	590	295	49	327,408 Philfeldt, Olaf.	589	294	49
361,233 Parker, George A.	590	297	49	482,649 Philion, Achille.	134	78	105
245,650 Parker, Homer N., and Keed, William S.	309	121	26	488,852 Philpion, Wm., and Swain, Walter.	183	112	110
469,592 Parkes, Walter.	25	14	95	391,915 Phillips, Ambrose A.	931	421	75
471,802 Parkinson, John.	40	22	96	457,290 Phillips, Charles.	41	20	4
89,060 Parry, George T.	268	85	23	11,331 (R.) } Phillips, Charles.	254	156	117
202,665 Parsons, Henry F.	298	116	25	457,290 } Phillips, Charles.	254	156	117
319,844 Partridge, Andrew.	1003	368	81	345,073 Phillips, Cornelius J.	971	360	92
375,682 Partridge, Andrew.	1013	372	82	150,255 Phillips, Oscar E.	965	358	91
415,253 Pattison, Sidney.	480	345	39	20,824 Phillips, Walter.	983	983	93
418,789 Patton, John H.	460	335	37	350,080 Phillips, Walter.	356	138	30
316,649 Payne, Herbert J., and Crowden, Chas. T.	102	50	19	408,516 Phillips, Walter, and Smith, Robert W.	780	277	65
342,925 Payne, John.	465	337	38	445,574 Phillips, Walter.	671	235	55



	P.	C.	R.		P.	C.	R.
416,493 Phillips, Walter, and Smith, Robert W.....	255	1/0	22	309,740 Racine, Henry.....	339	131	29
88,507 Pickering, Thomas R.....	53	27	6	72,538 Raddin, John.....	859	394	68
152,566 Pierce, Charles P.....	844	449	90	9,963 (R.) } Raddin, John.....	859	394	68
463,283 Pinkert, Georg.....	529	219	44	72,538			
90,869 Piper, J. F.....	259	90	22	91,379 Raffington, Matthew G., and Spofford,			
480,030 Pizzev, William J.....	116	66	103	Fisher A.....	182	98	16
88,205 Plass, Reuben H.....	53	27	6	458,113 Rags, John C.....	495	355	40
152,681 Pohlle, Charles R. M.....	27	90	26	215,238 Raiford, Philip H.....	786	312	66
499,581 Polhamus, Isaac.....	274	166	118	126,741 Ramsay, George M.....	902	363	80
421,969 Pond, Samuel N.....	680	225	56	73,108 Rancaveau, John.....	531	199	44
399,802 Pool, Francis W.....	379	148	31	270,480 Randall, Francis W.....	558	255	47
408,745 Pool, Francis W.....	384	150	31	270,481 Randall, Francis W.....	881	401	70
285,513 Post, John W., and Charles F.....	229	157	20	373,028 Randolph, Frank D.....	662	239	54
408,430 Potter, Jonas.....	442	186	36	95,265 Randolph, P. F.....	820	430	88
287,717 Potter, Samuel A.....	452	331	37	492,337 Randolph, William.....	210	131	112
306,280 Powell, Abram G.....	695	266	57	89,341 Rankin, James.....	282	111	24
452,649 Powell, Abram G.....	100	49	10	425,607 Rankin, William G.....	690	284	57
365,488 Powell, George M.....	244	164	21	452,840 Rasmussen, Einar, and Hall, Orlander C.....	459	433	78
368,167 Powell, James C.....	205	105	18	460,031 Rastetter, Louis, and Siebold, Crist.....	113	54	11
131,234 Powers, Frank B.....	695	266	57	449,383 Rathburn, John O.....	674	238	55
298,500 Powers, Lyman A.....	880	405	71	90,687 Rathmann, Henry, and Johnson, Geo. H.....	114	54	11
398,794 Pratt, Charles E., and Wallace, Albert E.....	1000	366	81	433,962 Rauhut, Johan F.....	420	196	34
310,540 Pratt, Charles E., and Wallace, Albert E.....	716	241	60	482,100 Rawle, John.....	131	77	105
312,219 Pratt, Charles E.....	458	334	37	288,114 Ray, James H.....	327	127	28
318,500 Pratt, Charles E.....	656	226	54	247,686 Ray, John L.....	538	202	45
41,910 Pratt, E. L., and Thompson, John B.....	988	361	79	88,738 Read, J. B.....	54	27	6
3,535 Pratt, Joseph F.....	973	973	92	381,722 Ready, Charles A.....	929	419	75
491,501 Pratt, Joseph F.....	973	973	92	420,416 Readio, Arthur J. E.....	708	275	59
341,389 Prescott, Charles A.....	722	244	60	172,200 Reamer, Hiram J., Hurley, Madison M.,			
23,640 Pressy, George W.....	150	75	14	and Stockdale, Cornelius F.....	994	363	80
234,722 Pressy, George W.....	160	75	14	483,621 Reaney, David L.....	144	85	106
384,543 Price, Abel F.....	70	33	7	431,259 Redlinger, Michael.....	93	45	9
243,346 Price, John B.....	682	279	56	452,082 Redlinger, Michael.....	653	199	53
362,853 Pool, J. George.....	757	325	63	356,600 Redman, Edward.....	725	246	60
294,668 Poolman, James, and Marks, Frank R.....	880	404	71	385,136 Redman, Thomas.....	604	231	54
354,840 Pope, Harry M.....	592	296	49	306,177 Redmond, Edmond.....	738	250	61
365,702 Pope, Harry M.....	368	143	31	361,024 Reed, Charles M., and Frazee, William C.....	615	318	51
373,850 Pope, Harry M.....	727	246	60	90,782 Reed, George P.....	214	93	19
375,714 Pope, Harry M.....	727	247	60	476,215 Reed, George T.....	77	42	99
379,107 Pope, Harry M.....	663	231	54	476,216 Reed, George T.....	77	42	100
381,165 Pope, Harry M.....	470	341	38	94,839 Reed, John A.....	861	395	68
13,386 Pope, John L.....	973	973	92	161,272 Reed, John Van D.....	831	443	89
13,387 Pope, John L.....	974	974	92	7,442 (R.) } Reed, John Van D.....	831	443	89
13,390 Pope, John L.....	974	974	92	161,272			
13,409 Pope, John L.....	975	975	92	161,273			
13,410 Pope, John L.....	975	975	92	44,425			
13,412 Pope, John L.....	976	976	92	51,058			
13,413 Pope, John L.....	976	976	92	54,909			
13,414 Pope, John L.....	977	977	92	84,362			
13,432 Pope, John L.....	977	977	92	103,369			
13,433 Pope, John L.....	978	978	92	124,914			
486,683 Porter, William S.....	169	102	108	125,331			
419,488 Post, Charles B., and Arnold, Daniel J. C.....	943	427	77	184,907			
442,456 Post, Charles B.....	954	432	78	426,855			
93,833 Purvis, Adam.....	532	200	44	245,656			
80,835 Price, Virgil.....	980	362	80	102,322			
382,890 Pridmore, Henry E.....	927	419	75	481,821			
346,208 Priest, Wm., and Lloyd, Walter J.....	354	137	30	334,469			
353,793 Priest, Wm., and Lloyd, Walter J.....	724	245	60	236,259			
421,946 Priest, Wm., and Lloyd, Walter J.....	732	250	61	354,584			
426,191 Priest, Wm., and Lloyd, Walter J.....	19	0	2	87,245			
448,966 Priest, Wm., and Lloyd, Walter J.....	34	18	4	87,290			
440,888 Priest, Wm., and Lloyd, Walter J.....	36	18	4	95,515			
249,895 Prindle, Frank L., and Campbell, Amer				171,862			
F.....	554	254	46	430,687			
360,392 Prindle, Frank P., and Koyl, C Herschel.....	767	289	64	102,189			
244,296 Prosser, Treat T.....	876	399	69	244,931			
353,098 Prosser, Treat T.....	878	400	70	295,681			
14,929 Puffer, A. D.....	808	435	86	379,812			
381,590 Puffer, Stephen.....	026	410	75	Isaac W.....	663	231	54
20,839 Pugh, Charles H.....	805	805	67	96,963			
236,454 Pullen, Joseph.....	409	102	33	439,188			
23,781 Punderford, James.....	809	435	87	46,705			
60,555 Punderford, James A. and James.....	815	437	87	8,252 (R.) } Reynolds, Harvey A.....	500	209	41
389,102 Purdy, William J.....	971	360	92	46,705			
101,310 Purroy, Frederick L.....	504	210	41	54,207			
465,998 Pursell, Augustus.....	737	252	61	80,425			
287,906 Quatremaine, George W.....	327	127	28	90,579			
473,959 Quealy, John T.....	57	33	98	404,562			
427,110 Quevedo, Narciso T.....	601	223	50	499,440			
267,589 Quin, Phineas.....	606	315	50	452,195			
47,226 Quinn, William.....	426	181	35	455,058			
102,321 Quinn, William.....	292	114	25	76,814			
159,770 Quinn, William.....	295	115	25	102,322			
90,302 Racey, William H.....	779	277	65	387,814			
				Ribble, Geo. B. M., and Spencer, Chas. C.....	546	205	49

	P.	C.	R.		P.	C.	R.
375,426 Ricard, Arthur P.	922	418	74	334,301 Rosebaugh, John C., and Stahl, Harlow C.	907	412	73
423,300 Rice, Charles D.	18	9	2	186,880 Ross, Abbott Q.	506	211	41
473,408 Rice, Charles D.	49	28	97	209,777 Ross, Abbott Q.	508	212	42
473,343 Rice, Charles D.	68	38	99	210,271 Ross, Abbott Q.	509	212	42
475,344 Rice, Charles D.	68	38	99	343,549 Ross, Charles H.	774	300	65
316,061 Rice, David H.	719	243	60	380,221 Ross, Frederick J., and William H.	523	221	43
326,244 Rice, David H.	345	133	29	459,310 Ross, Henry C.	643	181	52
326,245 Rice, David H.	346	134	29	104,208 Ross, John D.	863	395	68
331,330 Rice, David H.	657	227	54	468,920 Ross, William L.	22	12	95
331,331 Rice, David H.	657	227	54	481,197 Roth, Charles H.	124	72	104
336,588 Rice, David H.	721	243	60	335,246 Rothgiesser, Georg.	464	336	38
342,878 Rice, David H.	166	79	15	442,275 Rothgiesser, Georg.	781	278	65
348,057 Rice, David H. and Leppine H.	355	138	30	90,310 Rourk, Francis.	285	111	24
348,691 Rice, David H.	724	244	60	9,953 (R.) Rourk, Francis.	285	111	24
348,692 Rice, David H.	1010	371	81	384,643 Rourk, Francis.	144	67	13
349,746 Rice, David H.	1010	371	82	444,620 Rourveyre, Camille A.	392	153	32
357,691 Rice, David H.	170	81	15	90,585 Rowe, Philip C.	286	112	24
388,449 Rice, David H.	147	69	14	407,804 Rowe, Samuel	258	158	117
396,759 Rice, Henry M., and O'Day, John.	932	422	75	452,166 Rowen, Nelson.	38	19	4
350,994 Rich, Willard G.	168	80	15	309,373 Rowlett, Jacob V.	892	406	71
350,995 Rich, Willard G.	169	80	15	22,413 Royal Cycle Works.	200	200	111
489,501 Rich, Willard G., and Sager, James H.	187	114	110	42,735 Rusbanc, Christian.	963	357	91
252,329 Richard, Edmond O. and Jean E.	121	57	11	322,974 Rucker, Martin D.	159	74	14
252,624 Richard, Jean E.	714	240	59	12,061 Rudge, D. & Co.	795	795	67
442,730 Richards, Hubert P., and Elliott, Sterling.	1028	382	84	319,130 Rudling, William A., and Coffin, John F.	131	61	12
306,284 Richardson, Chester C.	766	288	64	408,634 Rudy, William H.	383	150	31
341,946 Richardson, Edwin A.	686	282	57	321,642 Ruggally, Adam.	437	181	36
217,550 Richardson, John D.	748	321	62	217,241 Ruggles, Stephen P.	300	117	26
495,709 Richmond, Josiah M.	234	146	114	406,148 Rullman, John D., and Eckenroth, Geo.	263	92	22
259,212 Richter, Julius.	410	193	33	325,278 Rushmer, Benjamin, and Joyce, George A.	904	410	73
497,501 Richter, William H.	255	157	116	250,289 Russell, Henry T.	567	304	48
442,393 Richwine, William.	1028	381	84	250,980 Russell, Henry T.	568	304	48
459,614 Richwine, William.	1041	390	86	250,981 Russell, Henry T.	569	304	48
497,549 Rider, Charles M.	256	157	116	250,982 Russell, Henry T.	569	304	48
100,448 Rider, John P., and Bird, James R.	822	439	88	250,983 Russell, Madison J.	92	52	101
473,525 Rieger, Joseph.	50	28	97	353,380 Rust, Lucian A.	140	89	15
231,061 Rieger, Bartholomae.	606	315	50	493,690 Ryder, Edgar F.	210	136	113
448,850 Riess, Rudolph William.	34	17	4	65,347 Ryland, Cains T., Jr.	644	215	53
453,713 Riess, Rudolph W.	278	65	17	444,642 Sachtleben, William L., Walters, John F., and Allen, Thomas G., Jr.	778	302	65
499,722 Riess, Rudolph W.	30	17	95	442,207 Sager, James H.	488	350	40
292,179 Riley, Christian F.	412	193	34	453,212 Sager, James H.	491	352	40
Riley, James.	807	433	86	479,845 Sager, James H.	114	65	103
252,971 Kintelman, August.	449	330	36	489,501 Sager, James H., and Rich, Willard G.	187	114	110
242,157 Ritchie, Edward S.	749	322	62	500,156 Sager, James H.	280	170	119
266,527 Rittenhouse, Frank.	123	57	11	500,157 Sager, James H.	280	170	119
105,251 Roberts, Samuel D., and Dingee, Montgomery.	505	210	41	500,158 Sager, James H.	280	170	119
461,588 Roberts, William E.	45	23	5	15,677 St. George's Engineering Company.	795	795	67
419,562 Robertson, James C.	548	206	46	475,613 Saladee, Cyrus W.	72	39	99
477,962 Robertson, Joseph B.	94	53	101	480,655 Saladee, Cyrus W.	162	98	107
483,583 Robertson, Thomas W.	143	85	106	480,656 Saladee, Cyrus W.	163	98	107
327,899 Robertson, William H.	170	86	90	480,107 Saladee, Cyrus W.	164	99	108
484,675 Robinson, Arthur W.	950	360	80	232,260 Salamon, Nahum, and Hancock, James L.	996	364	80
87,204 Robinson, Charles H.	52	26	5	230,372 Salamon, Nahum.	446	329	36
86,251 Robinson, Daniel T.	279	110	23	384,473 Salter, George, and Walker, John.	472	342	38
104,017 Robinson, Henry A.	352	136	29	397,174 Sams, Hezekiah K.	440	185	30
462,618 Robinson, John T.	789	313	66	312,388 Sampson, George T.	542	203	45
407,876 Robinson, Joseph E.	547	205	46	17,946 Samuels, Asser J.	797	797	67
483,084 Rockwell, Edward D.	547	80	105	425,052 Samuels, Asser J.	668	234	55
483,238 Rockwell, Frederick C.	139	81	105	87,205 Samuels, Isaac.	279	110	23
498,888 Rockwell, Frederick C.	268	118	118	410,335 Sanborn, William F.	74	34	7
354,656 Rodcap, George W.	361	140	30	303,753 Sandford, Charles, and Kinne, Porter S.	541	203	45
376,551 Rodcap, George W.	370	144	31	483,585 Sandgren, Arvid J.	143	85	106
386,896 Rdel, Franz L.	679	225	58	478,715 Santee, Elmer V.	102	58	102
325,014 Rodes, Robert, Jr.	666	267	58	321,758 Sattley, Marshall.	573	305	72
353,504 Rodes, Robert, Jr.	667	268	58	321,758 Sattley, Marshall.	902	409	48
394,135 Roedel, Franz L.	679	225	58	470,707 Saunders, Samuel L.	33	19	96
467,769 Roeth, Louis.	11	6	94	488,224 Saurbrey, George J.	177	110	109
468,538 Rodgers, James G., and Grant, Arthur W.	16	9	94	377,579 Savene, John W.	924	418	75
304,960 Rodine, Charles A., and Malmgren, John G.	414	194	34	405,327 Savene, John W.	939	425	76
230,838 Roff, Wm. H., and Tripler, Charles E.	597	222	50	93,751 Sawhill, S. H.	114	54	11
329,783 Roff, Wm. H., and Tripler, Charles E.	117	56	11	222,537 Sawyer, Sylvester.	116	55	11
Rogers, James H.	686	261	60	225,239 Sawyer, Sylvester.	117	55	11
154,013 Rogers, Lewis H.	867	306	69	260,053 Sawyer, Sylvester.	784	320	66
389,855 Rombauer, Robert J.	277	89	23	41,310 Saxton, Daniel W.	210	107	18
94,842 Root, M. L.	226	156	20	44,617 Scentlebury, William.	30	15	3
7,874 Root, Charles H., and Lamb, John.	856	393	67	287,476 Schaa, Albert E.	582	291	48
210,435 Root, John B.	189	100	17	354,638 Schaa, Albert E., and Haynes, Gidon, Jr.	592	296	49
404,657 Root, Miles C.	938	424	70	446,810 Schaa, Alex. K., and Ostergren, Otto F.	788	313	66
332,005 Roper, Beverly.	201	104	61	309,566 Schad, Barnhard, and Hoffman, Geo.	898	408	72
399,285 Rose, Aaron G.	730	248	61	355,344 Schad, Barnhard.	914	414	74
391,485 Rose, Henry C., and Nichols, Herman.	764	287	61	433,542 Schaefer, Peter.	264	92	22
459,335 Rose, Stephen J.	1041	389	86				

	<i>L.</i>	<i>C.</i>	<i>L.</i>	<i>C.</i>	<i>P.</i>	<i>C.</i>	<i>A.</i>	
480,477 Schæfer, Wilhelm.....	118	68	103	496,909	Shank, Orey D.....	250	155	116
291,781 Schaffer, Charles M.....	639	178	52	388,455	Sharp, Arnonau, Eli.....	930	420	75
297,300 Schaffer, Charles M.....	639	178	52	415,740	Sharp, Archibald.....	109	52	10
202,056 Scharf, Samuel R.....	597	212	42	123,305	Sharp, Joseph.....	823	440	88
149,416 Scharf, Friedrich C.....	186	99	16	166,151	Shaw, Edward.....	868	397	69
63,433 Scheen, Joseph.....	501	210	41	213,254	Sheffield, George S.....	552	253	46
335,904 Scheidler, Reinhard.....	908	412	73	9,571	(R.) } Sheffield, George S.....	552	253	46
315,346 Schember, Philipp.....	900	408	72	213,254	(R.) }			
81,956 Schemmel, Julius.....	539	205	45	10,393	(R.) }			
299,017 Schenck, Junius, and Stowe, Benj. L.....	842	448	90	213,254	Sheffield, George S.....	550	254	47
299,018 Schenck, Junius, and Stowe, Benj. L.....	842	448	90	260,903	Sheffield, George S.....	557	255	47
285,685 Scherling, Rudolph C.....	655	226	53	264,481	Sheffield, George S.....	557	255	47
449,498 Schieding, Andrew W.....	394	155	32	259,222	Shelburne, Cephas.....	424	189	34
380,770 Schiermeyer, Henry W.....	373	145	31	456,779	Sheldon, John, Lukin, George B., and Baker, Howard F.....	1037	388	85
447,478 Schindler, Joseph.....	33	16	4	481,428	Shelley, Abram C.....	125	72	104
409,758 Schloemer, Gottfried, and Hausknecht, Edward.....	264	92	22	499,600	Sherbondy, Walter.....	275	166	118
231,622 Schlüter, Henry.....	394	119	26	255,465	Sheriff, John, and Miller, Julius V.....	968	359	92
299,083 Schlüter, Rudolph.....	536	201	45	379,250	Sheridon, William.....	924	418	75
171,432 Schmalers, Anton.....	506	211	41	442,832	Sheridon, William.....	1028	382	84
271,524 Schmetzer, Louis.....	451	330	36	468,308	Sherman, Louie A.....	16	9	94
498,494 Schmitt, Joseph V., and Noonan, Edward T.....	263	161	117	453,514	Shier, John.....	38	19	4
91,169 Schmitt, Friedrich.....	259	90	22	210,231	Shire, John.....	65	39	7
371,374 Schmitt, Karl.....	369	143	31	471,292	Shirreff, Charles J.....	66	30	7
157,547 Schneider, Charles.....	495	191	33	490,929	Shore, Charles R.....	35	20	96
319,329 Schneider, Hippolyte.....	261	91	22	490,919	Shortleeve, William H.....	197	123	111
474,415 Schoch, Martin L.....	63	35	98	490,919	Shreiner, Edward M., and Leininger, Augustus.....	192	118	111
361,027 Schoening, Charles J.....	917	410	74	494,088	Shurtleff, Asahel M.....	221	137	113
366,600 Schoening, Charles J.....	244	104	21	494,089	Shurtleff, Asahel M.....	221	137	113
416,016 Schrader, Frederick.....	75	35	8	310,620	Shute, Richard G.....	763	286	63
420,922 Schrader, Frederick.....	732	249	61	480,441	Siar, William, and Dunn, Charles H.....	118	68	103
466,577 Schrader, Frederick.....	2	2	93	460,031	Siebold, Crist, and Rastetter, Louis.....	113	54	11
470,672 Schrader, George H. F.....	51	29	97	417,550	Sigert, Friedrich A., and Döring, Emil.....	739	266	61
473,673 Schrader, George H. F.....	51	29	97	424,804	Sigert, Friedrich A., and Döring, Emil.....	740	261	61
483,172 Schrader, George H. F.....	139	81	105	497,830	Sigsons, Louis K.....	257	158	117
484,509 Schrader, George H. F.....	149	88	106	497,831	Sigson, Enoch.....	258	158	117
497,028 Schreiner, Edward M., and Leininger, Augustus.....	252	155	116	259,580	Silver, Samuel N.....	311	121	26
379,290 Schroeter, Waldemar.....	702	271	58	267,607	Silver, Samuel N.....	607	315	50
398,455 Schubert, Gustav A.....	381	149	31	293,366	Silver, Samuel N.....	608	310	50
342,934 Schulze, Johann H.....	425	189	34	193,985	Simmons, Francis H., and Kilner, George.....	403	191	33
342,934 Schulze, Johann L. F.....	223	97	19	72,233	Simmons, Frederick G.....	858	394	98
442,240 Schulze, Johann L. F.....	223	97	20	281,933	Simmons, Thomas F.....	885	403	70
454,070 Schweers, Raphael.....	39	19	4	459,530	Simon, Charles F.....	854	454	91
343,673 Schwertführer, Max.....	78	36	8	93,915	Simon, Louis T.....	289	113	24
322,071 Schwertfuer, August, Wilhelm, and Edward.....	610	316	50	94,939	Simon, Xavier.....	401	190	33
276,809 Scott, Emmet H., and Frenier, Joseph.....	882	401	70	90,595	Simpson, Joseph.....	56	28	6
478,643 Scott, Emmet H.....	101	57	102	480,349	Sinclair, Finlay.....	117	67	103
478,644 Scott, Emmet H.....	101	57	102	91,679	Sinclair, Lucius A.....	288	112	24
496,007 Scott, Erastus W.....	239	148	115	12,598	Singer, George.....	794	794	67
497,984 Scott, Robert.....	15	9	94	373,570	Singer, Geo., and Lea, Richard H.....	727	246	60
340,254 Scott, Robert P.....	721	244	60	382,837	Singer, Geo., and Lea, Richard H.....	249	166	21
142,285 Scott, Sylvester D.....	186	99	16	429,818	Singer, George.....	1023	378	84
3,979 Scripture, Eliphlet S.....	855	393	67	435,157	Singer, Geo., and Lea, Richard H.....	771	310	64
242,161 Scuri, G. Battista.....	636	177	52	444,141	Singer, George.....	29	14	3
169,302 Seagrave, Frederic S.....	665	315	59	385,881	Sinkler, James F.....	616	318	51
439,359 Seale, Elias A.....	1026	381	84	38,815	Skidmore, Samuel M.....	421	188	34
449,442 Searle, Frank.....	213	108	19	85,337	Skidmore, Samuel M.....	309	160	33
95,521 Searing, Theodore.....	532	200	44	33,337	Slemmer, Frank F.....	506	211	41
486,509 Seddon, Edward H.....	167	100	108	261,395	Sloan, Benjamin F.....	228	157	20
485,335 Seebick, George.....	156	93	107	349,532	Slocumb, John T.....	168	80	15
298,784 Seely, Horace C.....	890	495	71	483,875	Slocum, Fitz M.....	145	86	106
330,430 Seiler, Albert P.....	784	320	66	481,070	Slocum, Martha E.....	123	71	104
499,044 Selden, Edward G., and Chamberlain, George D.....	270	164	118	490,369	Sloper, Thomas B.....	192	118	111
305,968 Sell, Edgar E.....	232	158	20	381,590	Slutz, Marion.....	374	145	31
447,741 Semple, Harry.....	33	16	4	472,487	Smalley, Martin D.....	45	20	97
279,448 Senseney, Edgar M.....	762	286	63	479,470	Smallman, James W.....	720	246	60
474,764 Sequeira, Augustus.....	64	36	98	495,210	Smallwood, George T.....	110	62	103
21,014 Sercombe-Bolte Manufacturing Co.....	50	50	98	495,210	Smart, Charles W.....	236	147	115
20,588 Sercombe, Parker H.....	805	305	67	211,867	Smead, Isaac D.....	230	143	114
285,933 Serrell, Harold.....	702	286	63	211,868	Smith, Andrew A.....	537	201	45
373,911 Serrell, Harold.....	768	299	64	211,868	Smith, Andrew A.....	537	201	45
87,713 Serrell, Lemuel W.....	280	110	23	249,207	Smith, Budd.....	423	188	34
300,516 Settle, Edward R.....	716	241	60	91,682	Smith, Charles H., and Walker, George D.....	57	28	6
453,215 Severin, Julius.....	459	433	78	262,990	Smith, Charles H.....	879	400	70
455,393 Seymour, George E.....	493	354	40	428,356	Smith, Daniel H.....	21	11	2
81,828 Seymour, George W.....	806	394	68	491,206	Smith, Daniel H.....	232	127	112
394,885 Seymour, Grant.....	934	422	76	93,016	Smith, David K.....	280	113	24
325,019 Shakespear, Thomas.....	344	133	29	477,277	Smith, Elias.....	88	40	100
192,022 Shaller, John.....	298	116	25	90,031	Smith, George C.....	819	438	87
92,106 Shanabrook, D. S.....	428	182	35	92,381	Smith, George C.....	820	439	88
287,732 Shanck, Henry K.....	559	256	47	99,018	Smith, George C.....	821	439	88
289,151 Shanck, Henry K.....	328	127	28	484,681	Smith, George H., Hartley, Richard K., and McDougall, Isaac S.....	150	89	106
				181,602	Smith, Herbert S.....	995	365	80

	P.	C.	K.		P.	C.	R.		
398,548	Smith, Hezekiah B.	629	174	51	328,863	Starbuck, Calvin T.	462	336	37
47,580	Smith, Henry	530	199	44	109,083	Starkweather, Archibald, and Wederkinch, Carl O.	519	220	43
90,032	Smith, Hugh	284	111	24			796	766	67
338,310	Smith, James M.	847	450	90	16,702	Starley, John M., and William	320	125	27
196,943	Smith, John, and Thurston, Edward T.	64	30	6	274,231	Starley, John K.	391	295	49
89,095	Smith, John C.	55	27	6	351,001	Starley, John K.	591	295	49
230,660	Smith, John S.	446	329	36	352,841	Starley, John K.	591	295	49
476,085	Smith, John S.	76	41	99	353,330	Starley, John M.	591	295	49
298,032	Smith, Melvin L.	800	405	71	18,820	Starley, John M.	982	982	93
241,507	Smith, Melvin L.	874	398	69	415,072	Starley, William, and Owen, Herbert S.	108	52	10
441,857	Smith, Quitman A.	772	311	65	328,535	Starr, Henry N.	135	63	12
408,516	Smith, Robert W., and Phillips, Walter	780	277	65	284,509	Stassen, Joseph J.	322	126	27
416,493	Smith, Robert W., and Phillips, Walter	255	170	22	112,646	Staudt, Manassa	429	182	35
416,493	Smith, Robert W., and Phillips, Walter	255	170	22	299,120	Staugaard, Hans H., and Ellwood, Reuben	891	405	71
204,770	Smith, Samuel C.	967	358	62	86,709	Stearns, Caleb S.	689	362	80
382,913	Smith, Sidney	172	82	15	22,710	Stearns, E. C., & Co.	223	223	114
380,358	Smith, Willard A., and Weston, Irving A.	926	410	75	480,511	Steele, Benjamin M.	167	101	168
357,110	Smith, Willard A., and Weston, Irving A.	242	163	21	221,255	Steel, Robert	408	192	33
469,753	Smith, William	30	17	95	208,861	Steel, Robert	290	117	26
476,124	Smith, William C.	79	43	100	211,116	Steel, Robert	290	117	26
479,851	Smith, William C.	115	60	103	376,051	Steel, Robert	207	106	18
18,746	Smith, William E.	982	982	93	471,908	Steers, William, and Hunt, Harry	41	23	96
359,745	Smith, William E. (See Errata)	916	415	74	492,375	Steers, William	211	131	112
385,074	Smith, William E.	688	283	57	375,061	Stefa, James F.	416	194	34
391,499	Smith, William E.	104	50	10	482,302	Stein, Charles	133	78	105
392,073	Smith, William E.	6	3	1	485,434	Stein, Charles	158	95	107
398,005	Smith, William E.	380	148	31	292,143	Stein, Philip H.	887	404	71
403,153	Smith, William E.	89	43	9	487,789	Stenbergen, John A.	175	106	109
89,443	Smith, William H.	282	111	24	483,661	Stenersen, Erik, and Thurston, Henry W.	144	85	106
92,485	Smith, William H.	58	28	6			881	401	70
351,942	Smith, William N.	359	140	30	270,257	Stevens, Abram W.	666	358	92
392,234	Smith, William W.	932	421	75	172,666	Stevens, David A.	49	28	97
20,893	Smith Wheel Manufacturing Co.	807	807	67	473,434	Stevens, John C.	88	42	9
447,797	Snoddy, Abner	957	432	78	399,916	Stevens, William F.	738	250	61
380,059	Snowden, Clarence	790	313	60	293,284	Stevens, William N.	534	200	44
363,911	Snyder, Francis	660	229	54	148,257	Stewart, Sylvester N.	281	110	24
392,944	Snyder, Peter A.	541	293	45	88,570	Stieckny, Charles W.	754	323	63
394,499	Snyder, Peter A.	546	295	46	345,188	Stiles, George A.	281	110	24
89,047	Snyder, Wm. B., and House, James A.	282	111	24	463,093	Stillman, Augustus M., and Bower, Edwin	780	314	66
473,070	Snyder, Waldo V.	58	33	98	324,605	Stillman, Charles F.	511	213	42
475,023	Snyder, Waldo V.	72	40	99	377,869	Stillman, Charles F.	371	144	31
492,066	Snyder, Waldo V.	208	130	112	381,038	Stillman, Charles F.	513	214	42
492,061	Snyder, Waldo V.	209	130	112	488,494	Stillman, George F., and Brown, Alex. T.	180	111	110
492,062	Snyder, Waldo V.	209	130	112			230	144	114
490,453	Sonsesen, Christian	113	54	11	495,277	Stillman, George F.	40	20	4
90,470	Soule, L. H.	181	98	16	456,387	Stillman, Walter, Jr.	456	332	37
414,782	Southard, Frank E.	941	426	77	301,934	Stilwell, Henry McA	769	310	64
420,609	Southard, Frank E., and Klausner, Arthur E.	1022	378	83	276,600	Stilwell, Henry M., and Kenfield, Wm.	457	333	37
420,610	Southard, Frank E., and Klausner, Arthur E.	1022	378	83	308,442	Stilwell, Henry M., and McNab, John C.	256	86	23
445,303	Southard, Frank	580	399	48	186,379	Stineman, Wm. H. H., and Holloway, Charles T.	560	255	47
11,446	Souther, George	987	361	79	172,200	Stocksdale, Cornelius F., Reamer, Hiram	994	363	80
338,312	Spalding, Amadee	848	45	90			857	393	67
19,172	Spalding, A. G., & Brothers	799	799	67	50,425	Stoliker, Joseph	901	409	72
19,173	Spalding, A. G., & Brothers	799	799	67	321,219	Stone, Geo. W., and Hamelright, Henry H.	832	443	89
22,754	Spalding, A. G., & Brothers	228	228	115			126	72	194
22,755	Spalding, A. G., & Brothers	228	228	115	164,946	Stone, Joseph M.	557	255	47
408,002	Spaulding, Oliver L., Jr.	667	233	55	381,435	Stone, Thomas H., and Corsier, Harv- ington	438	185	36
323,066	Spatzler, August W.	561	257	47			388	152	32
293,377	Spence, Wm., and Thompson, Richard C.	126	59	12	263,990	Stoner, Allen M.	535	201	45
266,930	Spence, Wm., and Thompson, Richard C.	332	129	28	378,631	Stoner, Allen M.	510	213	42
387,814	Spencer, Chas. C., and Ribble, George B. M.	546	205	46	418,963	Stoner, Allen M.	13	7	2
270,913	Spencer, George N.	319	125	27	167,627	Stover, Joseph M.	90	43	9
288,507	Spencer, George N.	560	256	47	239,722	Stover, Daniel C., and Hance, William A.	842	448	90
386,168	Spencer, Wilber W. and Horace	728	247	60	418,142	Stover, Daniel C., and Hance, William A.	842	448	90
263,982	Sperry, Elmer A., and Vandenberg, Jesse	997	364	80	418,142	Stove, Benjamin L., and Schenck, Junius	854	454	91
314,351	Spitznass, William	510	213	42	299,017	Stove, Benjamin L., and Schenck, Junius	854	454	91
91,379	Spofford, Fisher A., and Raffington, Mat- thew G.	182	98	16	460,924	Stowe, Benjamin L.	168	101	168
392,880	Sponsel, Charles W.	665	232	54	486,620	Stowe, Benjamin L.	168	102	168
398,465	Sprake, Charles	547	205	46			931	421	75
344,059	Spreng, L. E. Hugo	641	179	52	486,620	Stowe, Benjamin L.	126	59	12
90,034	Spree, Charles and Andrew	284	111	24	391,987	Straight, Clarence H.	853	454	91
90,001	Spree, Charles and Andrew	286	112	24	292,961	Strait, Hiram	1032	384	85
394,890	Staber, Gustav	440	185	36	421,988	Strang, Lew K.	63	36	98
205,921	Stafford, George	508	212	42	441,820	Straus, Alex. and Bromley, Joseph E.	193	120	111
334,301	Stahl, Harlow C., and Rosebaugh, John C.	907	412	73	449,502	Straus, Alexander	829	443	88
249,622	Stall, William W., and Howard, James E.	714	240	59	453,520	Straus, Alexander	203	128	112
496,800	Stamp, John G.	248	154	116	474,423	Straus, Alexander	829	443	88
433,820	Stanford, John	549	206	46	490,459	Straus, Alexander	827	447	88
487,081	Staples, Elial M.	171	104	108	491,386	Straus, Alexander	827	447	88
293,536	Staples, John M.	412	193	34	154,725	Street, Charles B.	827	447	88
					142,054	Street, Edward A.			

	P.	C.	R.		P.	C.	R.
5,930 (R.) } Street, Edward A.....	827	441	88	22,455 The Yost Manufacturing Company...	206	206	113
142,054 } Street, Edward A.....	828	442	88	463,877 Thierry, James.....	1044	391	86
148,238 } Street, Edward A., and Dodge, Theo. A.....	830	443	88	364,782 Thiessen, Heinrich.....	397	142	31
156,017 } Street, Edward A., and Dodge, Theo. A.....	830	443	88	155,270 Thiessen, Henry.....	421	188	34
228,980 } Streiff, Peter, and Langmaak, Friederick.....	635	177	52	399,354 Thomas, Amos W.....	1017	375	83
384,650 } Stribling, John V.....	928	420	75	399,355 Thomas, Amos W.....	1017	375	83
347,977 } Strickland, Thomas J.....	687	252	57	399,356 Thomas, Amos W.....	1017	375	83
451,080 } Stroud, Edward M.....	84	41	8	11,155 (R.) } Thomas, Amos W.....	1018	375	83
109,408 } Stuart, Reuben, Daney, John C., and Hancock, Daniel.....	429	182	35	399,356 Thomas, Amos W.....	1018	375	83
298,321 } Stuck, George A.....	841	447	90	399,357 Thomas, Amos W.....	1018	376	83
156,240 } Stultz, Sidney S.....	867	390	69	399,359 Thomas, Amos W.....	1018	376	83
436,811 } Stump, Ira E.....	564	257	47	399,360 Thomas, Amos W.....	1019	376	83
89,700 } Sturdy, Geo. J., and Young, Solomon W.....	514	207	42	399,361 Thomas, Amos W.....	1019	376	83
475,256 } Sutzman, Frank.....	68	38	99	399,362 Thomas, Amos W.....	1019	376	83
479,229 } Sulzner, Charles.....	109	62	102	422,548 Thomas, Amos W.....	91	44	9
356,383 } Surat, Ralph M.....	914	414	74	422,549 Thomas, Amos W.....	76	35	8
450,705 } Surbridge, Raymond G.....	36	18	4	339,712 Thomas, George W.....	909	412	73
421,068 } Surflet, Francis R.....	76	35	8	410,220 Thomas, John D.....	548	206	46
311,687 } Swain, Fremont.....	102	49	10	86,787 Thompson, Abraham D., and Marden Jesse, Jr.....	279	110	23
488,852 } Swain, Walter, and Philpison, Wm.....	183	112	110	456,604 Thompson, Arthur N.....	674	238	55
461,289 } Swanson, Ludvig.....	396	155	32	90,797 Thompson, Henry.....	287	112	24
92,668 } Swank, Daniel.....	428	182	35	314,491 Thompson, James.....	522	221	43
486,687 } Swarthout, Albert S.....	169	102	108	41,940 Thompson, John B., and Pratt, E. L.....	988	361	79
458,370 } Sweetland, Frank.....	15	9	94	293,377 Thompson, Richard C., and Spence, Wm.....	126	59	12
473,030 } Sweetland, Frank.....	47	27	97	296,639 Thompson, Richard C., and Spence, Wm.....	332	129	28
474,106 } Sweetland, Frank.....	59	34	98	474,784 Thompson, Thomas J.....	65	37	98
475,633 } Sweetland, Frank.....	73	40	99	100,447,382 Thompson, William E.....	672	230	55
476,838 } Sweetland, Frank.....	82	45	100	461,901 Thompson, William E.....	675	248	56
482,067 } Sweetland, Frank.....	117	119	110	496,073 Thompson, William L.....	240	148	115
489,509 } Sweetland, Frank.....	187	114	119	5,104 } Thomsson, Robert W.....	986	361	79
491,200 } Sweetland, Frank.....	201	127	112	96,635 Thomsson, Robert W.....	909	362	80
485,898 } Sweeting, Thomas H.....	162	98	107	478,770 } Thorp, Henry H.....	104	59	102
403,078 } Swett, Charles F.....	477	344	39	438,844 } Thorp, Thomas J.....	78	37	8
475,828 } Swindley Harry J.....	74	40	99	495,531 } Thorp, Thomas J.....	233	145	114
417,796 } Taft, Edward A.....	852	453	91	366,793 } Thresher, Harry.....	67	32	7
488,745 } Taitte, Annet.....	182	112	110	381,763 } Thresher, Harry, and Dearlove, Joseph H.....	394	145	31
464,837 } Takken, Evert.....	1045	392	86	387,700 } Thresher, Harry.....	665	231	54
281,580 } Talbot, Frank H., and Brown, Fernando.....	766	288	64	398,195 } Thuemler, Edward.....	8	4	1
407,623 } Talbot, Sylvanus J.....	547	205	46	196,943 } Thurston, Edward T., and Smith, John.....	64	30	6
444,410 } Tannewitz, Edward.....	955	432	78	483,661 } Thurston, Henry W., and Stenersen, Erik.....	144	85	106
105,739 } Tarbox, Ephraim.....	269	85	23	292,072 } Tice, David.....	887	404	71
395,523 } Taylor, Charles.....	934	423	76	490,240 } Tilbery, Scott, and Bendure, William H.....	191	117	110
402,286 } Taylor, Charles.....	937	424	76	444,258 } Tillinghast, Pardon W.....	741	261	62
453,094 } Taylor, Frederick G.....	742	262	62	450,951 } Tillinghast, Pardon W.....	1033	384	85
456,347 } Taylor, Frederick G.....	743	262	62	450,952 } Tillinghast, Pardon W.....	1033	385	85
456,348 } Taylor, Frederick G.....	743	262	62	473,792 } Tillinghast, Pardon W.....	52	30	97
406,671 } Taylor, Frederick G.....	247	153	116	477,310 } Tillinghast, Pardon W.....	88	30	100
323,085 } Taylor, George J.....	133	62	12	486,914 } Tillinghast, Pardon W.....	170	103	108
404,123 } Taylor, George J.....	175	83	15	486,915 } Tillinghast, Pardon W.....	170	103	108
221,125 } Taylor, James.....	838	446	89	497,971 } Tillinghast, Pardon W.....	259	159	117
231,736 } Taylor, James.....	839	446	89	341,523 } Tinkin, Henry.....	910	412	73
325,024 } Taylor, James.....	904	410	72	319,351 } Toennies, Charles.....	511	213	42
309,109 } Taylor, Sydney W.....	339	131	28	425,471 } Toense, Carl G.....	76	36	8
198,707 } Taylor, Thomas.....	597	304	48	1,440 } Tolles, Elisha.....	855	393	67
46,507 } Taylor, William B. S.....	813	436	87	229,252 } Tolman, Edward F., Howland, Arthur H., and Hill, Edward K.....	553	254	46
55,740 } Taylor, William B. S.....	814	437	87	465,546 } Tompkins, Ira.....	962	435	79
7,137 (R.) } Taylor, William B. S.....	814	437	87	472,411 } Toney, George W., and Livingston, Murray V.....	44	25	97
55,740 } Taylor, William B. S.....	814	437	87	499,859 } Toomay, Oliver.....	278	168	119
144,163 } Taylor, William B. S.....	828	442	88	499,860 } Toomey, Samuel.....	278	168	119
482,658 } Taylor, William W.....	134	80	105	499,860 } Topfif, John A., and Ely, George H.....	52	26	5
468,371 } Teate, Thomas A.....	16	9	94	428,537 } Toquet, Benjamin L.....	77	36	8
225,771 } Teese, Robert W.....	191	100	17	366,279 } Torkelson, Reinhard T.....	687	282	57
453,053 } Teotor, Abe L.....	38	19	4	379,228 } Torkelson, Reinhard T., and Johnson, Iver.....	702	271	58
456,664 } Teotor, Abe L.....	596	209	50	379,258 } Torkelson, Reinhard T.....	702	271	58
292,708 } Tennent, John C.....	329	128	28	391,210 } Torkelson, Reinhard T.....	795	273	50
435,466 } Terrot, Charles.....	734	250	61	391,212 } Torkelson, Reinhard T.....	689	284	57
416,190 } Terry, Ary P.....	942	426	77	426,402 } Torkelson, Reinhard T.....	19	0	2
453,251 } Terry, Ary P.....	942	426	77	428,577 } Torkelson, Reinhard T.....	595	298	49
455,932 } Terski, Leopold.....	550	247	46	496,803 } Torkelson, Reinhard T.....	249	154	116
308,331 } Teter, William L.....	843	448	90	61,282 } Torrey, E. S.....	988	301	79
497,290 } Thanner, Leonhard.....	254	156	116	66,518 } Torrey, William A., and Perry, Edward L.....	815	438	87
312,930 } Thayer, Charles G.....	656	226	54	308,292 } Tower, Caleb E.....	907	407	72
396,782 } Thayer, Horace N.....	934	423	76	418,829 } Towle, George C.....	747	264	62
396,783 } Thayer, Horace N.....	935	423	76	234,937 } Towle, George W., Jr.....	969	359	92
21,201 } The Coventry Machinist Company.....	73	73	100	312,406 } Towle, George W., Jr.....	969	359	92
19,220 } The Eagle Bicycle Manufacturing Co.....	800	800	67	209,574 } Townsend, V. B.....	518	219	43
22,223 } The Eagle Bicycle Manufacturing Co.....	250	250	117	432,097 } Tozer, James H., and William Fragarth, Rudolph.....	950	430	78
22,223 } The Henry Sears Company.....	180	181	110	250,607 } Tragardh, Rudolph.....	121	57	11
22,661 } The Kenyon Bicycle Manufacturing Company.....	219	219	114	204,374 } Tragardh, Rudolph.....	132	57	11
20,574 } The McIntosh-Huntington Company.....	804	804	67	87,769 } Tragers, John, and Gardner, Franklin B.....	180	97	16
4,873 } The McIntosh-Huntington Company.....	148	149	107				
6,942 } The Pope Manufacturing Company.....	793	793	66				
21,066 } The Quadrant Cycle Company.....	61	61	100				
19,881 } The Raleigh Cycle Company.....	802	802	67				

	P.	C.	R.		P.	C.	R.
478,772 Traut, Justus A.	104	59	102	310,548 Von Malkowsky, Robert.	128	60	12
229,562 Trautman, Charles M.	65	30	7	480,738 Von Oliver, Julius.	120	60	104
232,620 Trautmann, Charles M.	114	54	11	303,307 Von Palstring, Franz B.	335	130	28
238,531 Trautmann, Charles M.	217	94	19	10,624 (R.) } Von Palstring, Franz B.	335	130	28
104,081 Traynor, Patrick, and Higgins, James.	187	99	17	301,397			
462,782 Trebert, Henry L. F.	46	23	5	366,795 Vorrck, Frederick.	787	312	66
265,996 Trekkel, Benjamin F.	317	124	27	489,840 Vorkeller, August F.	188	116	110
482,856 Tremblay, Alfred.	136	80	105	450,712 Voss, Frederick.	112	53	10
380,590 Tremper, Eugene, and Lynch, William	120	69	103	309,667 Vossmer, Frederick W.	339	131	28
466,045 Trigwell, James R.	661	229	54	225,310 Vreeland, Aaron.	216	94	19
366,646 Trigwell, James R.	699	269	58	243,476 Vreeland, Aaron.	122	188	34
368,360 Trigwell, James R.	661	230	54	265,722 Vreeland, Aaron.	404	102	17
230,838 Tripler, Charles E., and Roff, Wm. H.	507	222	50	284,990 Vreeland, Aaron.	886	403	70
232,783 Tripler, Charles E., and Roff, Wm. H.	117	56	11	327,125 Vreeland, Aaron.	437	184	36
300,290 Troy, Daniel S.	621	172	51	92,915 Vreeland, Simon.	860	394	68
317,893 Troy, Daniel S.	622	172	51	5,237 (R.) } Vreeland, Simon.	861	394	68
455,027 True, Richard S.	492	353	40	92,915			
11,249 (R.) } True, Richard S.	92	51	101	136,567 Vreeland, Simon.	864	395	68
455,027 True, Richard S.	232	144	114	340,643 Wacker, Andrew.	543	203	45
495,442 True, Richard S.	195	83	78	482,810 Wagner, Curt.	136	79	105
459,540 Trusty, Joseph.	105	78	15	468,853 Wagner, Wesley.	629	228	54
320,902 Trown, Joseph M.	259	133	11	483,273 Waite, James N.	659	228	95
497,995 Tucker, Frank W.	259	159	11	183,570 Wakefield, William O.	139	82	105
306,673 Tuft, Elmer E.	689	284	57	183,876 Wakeman, Harwood.	834	444	89
158,758 Turner, Benjamin G.	867	397	69	188,446 Wakeman, Harwood.	835	445	89
102,455 Turner, Edouard H.	298	116	25	188,554 Wakeman, Harwood.	835	445	89
194,092 Turner, Joseph A.	1035	386	85	200,493 Wakeman, Harwood.	836	445	89
355,359 Turner, Joseph A.	1011	371	82	203,094 Wakeman, Harwood.	836	445	89
480,861 Turner, William B., and Asbury, John.	478	345	39	213,363 Wakeman, Harwood.	837	445	89
478,724 Tuttle, John H., and Cable, Frank D.	103	58	102	223,262 Wakeman, Harwood.	838	446	89
230,176 Tuttle, John W. T., Collins, Henry C., and Collins, Daniel H.	303	118	26	284,781 Waldo, Charles F.	323	126	28
264,798 Tyler, Abel D.	693	265	57	91,682 Walker, George D., and Smith, Chas. H.	57	28	6
94,927 Tyler, Charles M.	789	313	66	384,473 Walker, John, and Salter, George.	472	342	38
189,588 Uebels, Conrad, and Will, Henry.	297	116	25	296,370 Walker, William J.	841	447	90
219,551 Uebels, Conrad, and Will, Henry.	65	30	7	438,720 Wall, Robert C.	776	301	65
319,040 Ugland, Andrew A.	719	243	60	467,720 Wall Robert C.	12	7	94
473,934 Ubricht, Emil.	47	27	97	249,278 Wallace, Albert E.	580	290	48
160,487 Unstead, William O.	466	162	33	280,421 Wallace, Albert E.	581	291	48
17,608 Union, Cycle Manufacturing Company.	706	706	67	284,782 Wallace, Albert E.	715	240	60
22,453 Union Cycle Manufacturing Company	205	205	112	299,883 Wallace, Albert E.	714	241	60
22,484 Union, Howard.	580	309	48	310,540 Wallace, Albert E., and Pratt, Charles E.	710	241	60
240,636 Unzicker, Otto.	209	116	25	312,411 Wallace, Albert E.	714	241	60
229,500 Unzicker, Otto.	101	101	17	312,732 Wallace, Albert E., and Knous, John.	656	226	54
212,490 Unzicker, Otto.	448	329	36	313,083 Wallace, Albert E., and Knous, John.	572	305	48
257,415 Unzicker, Otto.	315	123	27	314,633 Wallace, Albert E.	718	242	60
355,038 Unzicker, Otto.	362	140	30	318,149 Wallace, Albert E.	684	280	56
393,044 Unzicker, Otto.	147	69	14	334,829 Wallace, Albert E.	907	412	73
397,099 Unzicker, Otto.	71	33	7	475,780 Walpole, Wm. R., and King, Wm. E.	74	40	99
209,367 Upton, William H.	536	201	45	268,058 Walrath, Jesse.	880	401	70
245,418 Urch, David.	521	220	43	255,357 Walsh, Maurice J.	839	446	89
251,077 Urch, David.	522	221	43	469,162 Walsh, Patrick R.	24	13	95
249,122 Uster, John.	538	202	45	396,182 Walter, Henry.	783	279	66
472,005 Vale, Samuel.	42	24	96	444,642 Walters, John F., Sachtleben, William L., and Allen, Thomas G., Jr.	778	302	65
222,611 Valentine, Waldo W.	873	398	69	269,490 Walz, Samuel H.	557	255	47
347,845 Valentine, Waldo W.	911	413	73	98,810 Wanner, Anthony.	291	114	25
308,862 Valiquet, Louis P.	273	87	23	88,683 Ward, Thomas W.	632	176	52
313,460 Valiquet, Louis P.	342	133	29	437,269 Wardman, Palmer, and Hollister, Wm.	631	175	52
357,240 Valiquet, Louis P.	363	141	30	320,100 Ware, Theodore E.	764	286	64
88,238 Van Anden, William.	713	240	59	334,495 Ware, Theodore E.	764	287	64
477,583 Van Bibber, Andrew.	91	51	101	19,953 Warman & Hazlewood.	803	303	67
263,982 Vandenburgh, Jesse, and Sperry, Elmer A.	907	364	80	282,338 Warner, Charles H.	124	58	12
88,347 Van Der Waag, Johannes A.	257	89	22	283,306 Warner, Charles H.	124	58	12
6,250 (R.) } Van Der Waag, Johannes A.	258	90	22	298,525 Warner, Jasper P.	890	405	71
88,347				182,045 Warpenberg, Wm.	407	192	33
261,411 Van Meter, Joseph E., and Hesser, Benj. F.	434	183	35	491,620 Warren, Willard A.	207	129	112
345,476 Varley, John J., and Barrett, Henry.	1008	370	81	499,810 Warwick, John.	277	168	119
239,629 Veeder, Curtis H.	447	329	36	309,325 Warwick, George T.	339	131	28
244,693 Veeder, Curtis H.	448	330	36	315,094 Warwick, George T.	1001	367	81
252,280 Veeder, Curtis H.	448	330	36	322,221 Warwick, George T.	132	62	12
312,407 Veeder, Curtis H. and John I.	717	241	60	328,987 Warwick, George T.	573	305	48
371,234 Veeder, Curtis H.	701	270	58	362,407 Warwick, George T.	142	67	13
372,994 Veeder, Curtis H.	469	340	38	384,945 Warwick, George T.	3	2	1
420,421 Veeder, Curtis H.	482	347	39	384,946 Warwick, George T.	144	67	13
476,670 Veitch, Richard M., and Mitchell, Claudius H.	80	44	100	386,097 Warwick, George T.	666	231	54
246,988 Venner, Orange H.	120	56	11	397,495 Warwich, George T.	578	308	48
476,433 Vetterlein, John.	79	43	100	399,453 Warwick, George T.	1020	376	83
228,496 Vick, Alfred.	509	213	42	399,454 Warwick, George T.	148	69	14
346,078 Vick, Alfred.	513	214	42	399,455 Warwick, George T.	8	4	1
455,673 Vincent, David P.	39	20	4	412,216 Warwick, George T.	12	7	2
479,177 Vogel, Charles.	107	61	102	416,696 Warwick, George T.	784	279	66
477,160 Vogt, Theodore G. P.	87	48	100	416,697 Warwick, George T.	481	346	39
418,253 Volk, George.	943	427	77	424,941 Warwick, George T.	16	8	2
97,837 Volk, William.	291	113	25	427,488 Warwick, George T.	484	347	39

	P.	C.	R.		P.	C.	R.
429,587	Warwick, George T.	485	348	39	425,612	Whiteley, Nathan, Hanson, Albert, and Johnson, Thomas.	946 428 77
434,615	Warwick, George T.	110	52	10			
438,124	Warwick, George T.	25	13	3	496,627	Whiteman, Abram V.	245 153 116
441,521	Warwick, George T.	1027	381	84	250,316	Whiting, William A.	121 56 11
467,695	Warwick, George T.	10	6	94	416,699	Whitman, Louis F.	481 346 39
289,733	Warwick, Thomas	998	365	80	226,578	Whitmore, George E.	301 118 26
316,702	Warwick, Thomas	460	335	37	356,388	Whitmore, George E.	362 141 30
329,517	Warwick, Thomas	349	134	29	379,841	Whitmore, George E.	925 418 75
362,472	Warwick, Thomas	1011	371	82	345,351	Whiton, Lucius E.	1007 370 81
492,754	Waterman, Stephen, and Luther, Chas. H., Jr.	212	132	112	447,993	Whittemore, Louis D., Jr.	1030 383 84
445,014	Waterson, Henry	712	276	59	20,883	Whittier, David L.	806 806 67
417,655	Watkins, Charles F.	668	233	55	20,884	Whittier, David L.	806 806 67
448,701	Watkins, Charles F.	673	237	55	254,485	Wiard, George	122 57 11
482,768	Watkins, Gardner A.	135	79	108	496,936	Wickstedt, Charles	745 267 72
410,681	Watkins, James L.	11	6	2	488,464	Wiedenmann, Herman C.	180 110 110
363,189	Watson, Richard	366	142	30	158,342	Wietlisch, Albin	993 363 80
471,921	Watson, Thomas A.	41	23	96	441,545	Wietz, George J., and Flickinger, Wm. F.	549 206 46
203,968	Watt, Sern P.	408	192	38	358,178	Wiggins, David	363 141 30
441,728	Watts, Samuel	669	234	55	376,401	Wildor, Francis M., and Benjamin, George H.	846 452 91
71,561	Way, Charles A.	179	97	16	307,511	Wilkins, John H.	766 289 64
71,562	Way, Charles A.	179	97	16	64,820	Wilkinson, John G.	426 181 35
153,207	Weaver, Theophilus	866	396	68	189,588	Will, Henry, and Uebele, Conrad	297 116 25
333,268	Weber, Caspar	202	104	18	219,551	Will, Henry, and Uebele, Conrad	65 30 7
321,162	Weber, Theodore R. A., Henning, Carl G. E., and Frommelt, Alfred E.	343	133	20	92,412	Willcox, Albert O., Jr.	51 28 6
493,002	Webster, Harold A.	214	134	113	298,373	Williams, George R.	262 160 117
254,181	Webster, Maria	272	86	23	300,293	Williams, Samuel T.	892 495 71
169,774	Webster, William, Masse, Jacques, and Dodel, Louis G.	215	93	19	305,727	Williams, Samuel T.	894 406 72
109,083	Wederkitch, Carl O., and Starkweather, Archibald	220	220	43	305,769	Williams, Samuel T.	895 407 72
391,100	Weeks, Elias	439	185	39	305,770	Williams, Samuel T.	895 407 72
331,173	Weidman, George W.	195	78	15	305,771	Williams, Samuel T.	895 407 72
469,760	Weinedel, Charles	30	18	95	306,450	Williams, Samuel T.	895 407 72
332,027	Weinstock, Henry B.	906	411	73	325,301	Williams, Samuel T.	905 410 73
460,243	Weir, Thomas	1042	390	86	325,893	Williams, Samuel T.	905 411 73
134,176	Weishaar, Ignatz	404	191	33	337,223	Williams, Samuel T.	908 412 73
494,611	Welch, Charles K.	225	141	114	339,082	Williams, Samuel T.	909 412 73
437,826	Welch, Roy W.	953	431	78	334,322	Williams, Thomas B.	1004 368 81
481,681	Wellstein, Joseph, and Maxfield, Morgan E.	128	74	104	349,773	Williams, Thomas B.	1010 371 82
472,282	Werneth, Francis J.	43	25	96	111,597	Williams, William L.	505 211 41
438,334	Wesson, Daniel E.	1026	380	84	21,059	Williamson, Catherine A.	468 339 38
407,266	West, Derrick S.	939	425	76	458,609	Willis, Ernest J.	495 355 40
454,315	West, Derrick S.	960	434	79	269,906	Willits, Warren J.	557 255 47
418,904	West, Harley E.	943	427	77	467,112	Willoughby, Frank S., and Horsfield, Thomas	6 4 93
483,703	West, Harley E.	144	86	106	89,822	Wilmarth, Seth	283 111 24
463,181	West, Jonathan B.	1044	391	86	469,494	Wilmut, Frank A.	25 14 95
267,473	Westinghouse, George, Jr.	839	446	89	89,960	Wilson, Benjamin F.	214 93 19
451,608	Weston, Frank C.	128	74	104	487,359	Wilson, Harriett, D. T.	173 105 109
357,110	Weston, Irving A., and Smith, Willard A.	242	163	21	274,193	Wilson, Joseph	451 331 76
380,358	Weston, Irving A., and Smith, Willard A.	926	419	75	348,605	Wilson, Nedham M.	411 413 30
439,915	Weston, Irving A.	391	153	32	459,596	Wilson, Stephen	43 21 4
88,759	Weston, James W.	258	90	22	477,933	Wilson, Stephen	84 47 100
92,132	Westphal, Frederick	428	182	35	490,465	Wilson, Stephen	193 120 111
476,011	Westwood, Frederick	83	46	100	359,945	Wilson, William J. (See Errata)	915 415 74
486,146	Westwood, Frederick, and Butler, William H.	164	99	107	19,157	Wilson, Wm. T., and Morris, George L.	798 798 67
467,761	Whaler, Clarence V. W.	13	8	94	460,242	Wilson, Wm. T., and Morris, George L.	43 21 5
472,837	Wheatley, Thomas	47	27	97	353,994	Winey, Elijah L.	140 65 13
177,774	Wheeler, Earl A.	296	115	25	235,925	Winslow, Gorham N.	118 56 11
458,608	Wheeler, William	692	285	57	486,456	Wintersteen, Jacob L., and Prazee, Fremont	166 100 108
399,733	Whipple, Luke	705	274	58	461,696	Winton Alexander	675 239 56
498,598	Whipple, Clayton J.	263	161	117	481,536	Winton, Alexander	126 73 104
467,360	Whipple, Jerome	9	5	94	500,177	Winton, Alexander	281 170 119
489,045	Whitaker, Joseph F.	187	115	110	91,398	Witz, John C.	503 210 41
158,554	Whitcomb, William W.	665	358	91	428,737	Withers, Addison L., Jr.	22 11 2
310,857	White, Albert M.	1002	367	81	111,708	Withington, George	893 395 68
259,444	White, Frederick	316	123	29	361,341	Witt, Julius	203 104 18
336,968	White, Frederick	351	135	29	235,236	Wittenberg, Charles	300 110 26
414,960	White, Frederick	385	151	32	432,920	Wittig, Fred E.	770 310 64
437,827	White, Frederick	79	38	8	87,999	Wity, Calvin	52 27 6
88,930	White, John J.	267	85	23	288,537	Woerd, Charles V.	125 58 12
258,333	White, Joseph	450	330	36	475,226	Wohlgemuth, Frederick	68 38 00
269,609	White, Joseph	318	124	27	493,419	Wolcott, Marcus R.	217 135 113
300,544	White, Joseph	585	292	49	391,499	Wolf, Francis M.	418 195 34
89,102	White, Thomas E. M.	604	314	50	297,238	Wolf, Geo., and Dopp, Frederick J. W.	334 130 28
66,111	White, Thomas R., and Bedford, Wm. G.	815	438	87	92,554	Wolffkilk, Henry	401 190 33
341,526	Whitehead, Benjamin S.	138	64	13	462,387	Wollman, Carl T.	1043 301 80
88,426	Whitehead, Edward	281	110	24	103,114	Wonser, Mileden	803 305 68
104,080	Whitehead, Edward	227	157	20	368,364	Wood, Edward L.	849 452 00
269,840	Whitehead, James, and Candler, Claude H.	218	95	19	439,922	Wood, Ellery W., and Burnap, Charles E.	96 47 0
					488,230	Wood, Isaac	179 110 100
					299,600	Wood, John B.	770 300 65
					336,277	Wood, John, Jr., and Philbrick, Andrew J.	680 282 57

	P.	C.	R.		P.	C.	R.		
432,848	Wood, John.....	950	430	78	481,323	Wyman, Adolphus F.....	124	72	104
85,501	Wood, Sylvester A.....	531	200	44	106,529	Wyndham, Charles.....	62	30	6
379,820	Wood, William P.....	984	309	79	494,947	Wynn, Calvin.....	228	143	114
43,051	Wood, George B., and A. B.....	857	393	97	493,201	Xander, John G.....	216	134	113
33,809	Woodard, Seth D.....	988	361	79	452,001	Yagn, Nicholas.....	1034	385	85
266,045	Woodham, Augustus F.....	539	202	45	394,429	Yingst, Cyrus.....	209	106	18
474,051	Woodhead, Richard M., and Angois, Paul.....	58	34	98	399,110	Yingst, Cyrus.....	419	195	34
293,837	Woodruff, John W.....	436	184	35	426,518	Yingst, Cyrus.....	210	107	18
291,457	Woodward, Alonzo B.....	887	403	71	481,883	Yost, Abraham and Fernando.....	130	75	105
374,919	Woodward, Charles E. W.....	759	327	63	310,858	Yost, Joseph L.....	128	60	12
401,237	Woodward, Charles E. W.....	8	4	1	312,092	Yost, Joseph L.....	1001	367	81
428,991	Woodward, Charles E. W., and Overman, Charles R.....	110	52	10	334,325	Yost, Joseph L.....	136	63	13
443,735	Woodward, Charles E. W.....	1029	382	84	10,864	Yost, Joseph L.....	137	64	13
404,767	Woodward, Charles E. W.....	1044	392	86	334,325	Yost, Joseph L., and McCune, Joseph B.....	661	229	54
406,548	Woodward, Charles E. W.....	1	1	93	366,287	Yost, Joseph L., and McCune, Joseph B.....	726	246	60
477,397	Woodward, Charles E. W.....	89	50	101	366,288	Yost, Joseph L., and McCune, Joseph B.....	661	230	54
478,776	Woodward, Charles E. W.....	104	59	102	367,883	Yost, Joseph L., and McCune, Joseph B.....	15	8	2
481,340	Woodward, Charles E. W.....	24	72	104	420,756	Yost, Joseph L., and Moore, Charles J.....	17	8	2
483,373	Woodward, Charles E. W.....	140	82	105	424,094	Yost, Joseph L., and Moore, Charles J.....	490	351	40
446,910	Woolson, Egbert.....	1030	383	84	448,469	Yost, Joseph L., and Moore, Charles J.....	949	430	78
102,209	Work, Alanson.....	966	358	92	431,927	Young, John S.....	66	29	6
246,050	Work, Charles L.....	877	399	69	95,753	Young, McClintock.....	677	224	56
248,545	Work, Charles L.....	311	121	26	96,048	Young, McClintock.....	677	224	56
314,160	Work, Charles L.....	129	60	12	89,700	Young, Solomon W., and Sturdy, Geo. J.....	514	207	42
442,345	Worms, Eugene, and Zwierzchowski, Alexander S.....	391	153	32	426,631	Young, William F.....	948	429	77
451,588	Worms, Eugene, and Zwierzchowski, Alexander S.....	150	70	14	471,032	Youngs, Fred E.....	41	23	96
444,868	Worth, William O.....	82	40	8	302,462	Zacharias, Charles R.....	774	300	65
447,395	Worth, William O.....	601	285	57	476,857	Zalsman, John F.....	82	45	100
93,030	Wortmann, Simon.....	225	156	20	352,503	Zanger, Theodore.....	359	140	30
479,969	Wright, David D., anh Berry, Wm. R.....	116	66	103	233,903	Zeller, Thomas B.....	192	101	17
478,674	Wright, John R.....	102	58	102	339,611	Ziegler, William.....	909	412	73
425,283	Wright, Rufus.....	853	454	91	466,613	Ziegler, John G., and Meigs, Geo. W.....	3	2	93
490,035	Wright, Rufus, and Morgan, Fred. W.....	188	116	110	474,327	Ziegler, John G., and Meigs, Geo. W.....	61	35	98
496,321	Wright, Rufus, and Morgan, Fred. W.....	241	149	113	431,308	Ziegler, Oscar J., and Hance, William A.....	652	198	53
406,789	Wright, Rufus, and Morgan, Fred. W.....	247	154	116	471,249	Zillgitt, Gustav.....	35	20	96
299,897	Wright, Wilber S.....	999	365	81	445,618	Zimer, Frederick W.....	671	235	55
489,112	Wright, William A.....	185	113	110	478,184	Zimmer, Cyrus W.....	98	55	101
490,694	Wright, William A.....	276	167	118	392,252	Zimmermann, George J.....	570	307	48
311,862	Wünsch, Christian.....	541	203	45	396,796	Zimmermann, George J.....	577	307	48
355,672	Wuterich, William F.....	725	245	60	352,076	Zimmermann, John C.....	242	163	21
261,290	Wyke, Thomas H., and Bancroft, James.....	516	207	42	208,876	Zoebl, Johan A.....	188	100	17
					442,345	Zwierzchowski, Alex S., and Worms, Eugene.....	391	153	32
					451,588	Zwierzchowski, Alex S., and Worms, Eugene.....	150	70	14



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With List of References by Number, Name and Date Cited in the Examination of Applications.

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	391,882 Chapman, George J., Oct. 30, 1888, . . . . .	5	3
360,101 Latta, Emmit G., March 29, 1887, . . . . .	No references.		
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Morse, 92,991. July 27, 1869.	13,782 of 1886. " . . . . .		
Klahr, 285,821. Oct. 2, 1883.	392,973 Smith, William E., Nov. 13, 1888, . . . . .	6	3
McClure, 331,518. Dec. 1, 1885.	References—		
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370,450 Collicutt, George M., Sept. 27, 1887, . . . . .	5,738 of 1886. " . . . . .	1	1
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Crane, 258,559. May 30, 1882.	12,586 of 1886. " . . . . .		
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Soule, 90,470. May 25, 1869.	398,158 Jeffery, Thomas B., Feb. 19, 1889, . . . . .	7	4
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13,986 of 1886. " . . . . .	References—		
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406,581 Hanson, Olaus, and Fyrberg, Andrew, July 9, 1889, . . . . .	10	6			
No references.					
406,661 Mohrig, Edwin, July 9, 1889, . . . . .	10	6			
References—Latta, 360,101. March 29, 1887. 1,559 of 1887. English. 12,901 of 1886. "					
407,930 Hill, Louis A., July 30, 1889, . . . . .	11	6			
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410,681 Watkins, James L., Sept. 10, 1889, . . . . .	11	6			
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410,751 Davis, George H., Sept. 10, 1889, . . . . .	11	6			
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412,216 Warwick, George T., Oct. 1, 1889, . . . . .	12	7			
References—Wyndham, 106,529. Aug. 16, 1870. Morgan, 335,297. Feb. 2, 1886.					
413,414 O'Brien, Thomas, Oct. 22, 1889, . . . . .	13	7			
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418,142 Stover, Daniel C., and Hance, William A., Dec. 24, 1889, . . . . .	13	7			
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420,059 Hanson, Olaus, and Lobben, Peder, Jan. 28, 1890, . . . . .	14	7			
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420,145 Davenport, Charles R., Jan. 28, 1890, . . . . .	14	8			
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420,756 Yost, Joseph L., and Moore, Charles J., Feb. 4, 1890, . . . . .	15	8			
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422,781 Hiller, Henry F., March 4, 1890, . . . . .	15	8			
References—Anderson, 91,589. June 22, 1869. White, 269,609. Dec. 26, 1882.					
424,870 Fay, Stillman M., April 1, 1890, . . . . .	15	8			
References—Clegg, 389,200. Sept. 11, 1888. Jeffery, 395,147. Dec. 25, 1888. Jeffery, 406,445. July 9, 1889. 16,064 of 1886. English. 12,899 of 1887. " 13,921 of 1877. "					
424,941 Warwick, George T., April 1, 1890, . . . . .	16	8			
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424,994 McCune, Joseph B., and Yost, Joseph L., April 8, 1890, . . . . .	17	8			
References—3,564 of 1879. English.					
425,017 Barrow, Louis, and Guest, Charles H., April 8, 1890, . . . . .	17	9			
References—16,723 of 1887. English. 13,043 of 1888. "					
425,390 Rice, Charles D., April 8, 1890, . . . . .	18	9			
References—2,140 of 1883. English.					
426,191 Lloyd, Walter J., and Priest, William, April 22, 1890, . . . . .	19	9			
References—O'Brien, 413,415. Oct. 22, 1889. Norton, 401,295. April 9, 1889. Owen, 398,745. Feb. 26, 1889. 13,921 of 1887. English.					
426,402 Torkelson, Reinhard T., April 22, 1890, . . . . .	19	9			
References—6,767 of 1884. English. 1,613 of 1885. " 16,723 of 1887. " 12,586 of 1886. " 13,782 of 1886. "					
426,670 Keating, Robert M., April 29, 1890, . . . . .	20	10			
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426,855 Reed, Willard S., April 29, 1890, . . . . .	20	10			
References—Jannus, 331,199. Nov. 24, 1885.					
427,048 Clegg, Wesley, May 6, 1890, . . . . .	21	10			
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427,076 Hamming, Franz, May 6, 1890, . . . . .	21	11			
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428,356 Smith, Daniel H., May 20, 1890, . . . . .	21	11			
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428,737 Withers, Addison L., Jr., May 27, 1890, . . . . .	22	11			
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430,019 Hillman, William, June 10, 1890, 22 11 No references.			444,637 Latta, Emmit G., Jan. 13, 1891, 29 14 References—Keating, 420,805. Feb. 4, 1890. Haynes, 392,557. Nov. 6, 1888. Copeland, 367,368. Aug. 2, 1887. Hendee, 423,249. March 11, 1890. Colling, 402,143. April 30, 1889. Laughlin, 332,263. Dec. 15, 1885. Jeffery, 398,158. Feb. 19, 1889. 3,294 of 1886. English. Warwick, 424,941. April 1, 1890. 15,101 of 1887. English. Smith, 403,153. May 14, 1889.		
432,124 Duryea, Charles E., July 15, 1890, 23 11 References—Swain, 311,687. Feb. 3, 1885. O'Brien, 388,906. Sept. 4, 1888. Hazen & Hildreth, 359,536. March 15, 1887. Latta, 391,253. Oct. 16, 1888. Easthope, 404,693. June 4, 1889. Duryea, 402,313. April 30, 1889. Latta, 391,900. Oct. 30, 1888.			446,098 Hibbert, William E., and Manuel, Alfred, Feb. 10, 1891, . . . 30 15 References—Smith, 392,973. Nov. 13, 1888. Jeffery, 411,035. Sept. 17, 1889. 13,782 of 1886. English. 14,689 of 1887. " 12,901 of 1886. " Withers, 428,737. May 27, 1890. Thuemler, 398,195. Feb. 19, 1889. Easthope, 404,693. March 8, 1887. Jeffery, 406,445. July 9, 1889. Warwick, 399,454. March 12, 1889.		
434,234 Barker, Arthur D., Aug. 12, 1890, 24 12 No references.			446,175 Scantlebury, William, Feb. 10, 1891, . . . 30 15 References—Easthope, 404,693. June 4, 1889. Keating, 420,805. Feb. 4, 1890. 14,698 of 1887. English. 12,899 of 1887. " Mohrig, 406,661. July 9, 1889. Stover & Hance, 418,142. Dec. 24, 1889. Jeffery, 406,445. July 9, 1889. 1,213 of 1885. English.		
437,026 Flachs, Richard, Sept. 23, 1890, 24 12 References—Racey, 90,302. May 8, 1869.			446,672 Elliott, Sterling, Feb. 17, 1891, 31 15 References—Unzicker, 242,490. June 7, 1881. Lawson, 99,563. May 25, 1869. Jeffery, 398,158. Feb. 19, 1889. Lawson, 345,851. July 20, 1886. Cole, 302,894. Aug. 5, 1884. Farr, 338,052. March 16, 1886. Torkelson, 391,212. Oct. 16, 1888. Brice, 243,346. June 21, 1881. Latta, 377,204. Jan. 31, 1888. Griffith, 338,151. March 16, 1886. House, 388,043. Aug. 21, 1888. Henry, 393,904. Dec. 4, 1888. Hannimlan, 225,010. March 2, 1880. Copeland, 391,947. Oct. 30, 1888. Knouse, 405,780. June 25, 1889. 3,294 of 1886. English. Latta, 315,304. April 7, 1885.		
438,124 Warwick, George T., Oct. 7, 1890, 25 13 References—796 of 1883. English. 4,917 of 1881. " 486 of 1879. " 533 of 1881. " 5,295 of 1879. " 7,534 of 1884. " 2,920 of 1887. " 2,202 of 1881. " 5,991 of 1882. " 3,482 of 1883. " Dodde, 248,720. Oct. 25, 1881. Mellette & Harris, 332,672. Dec. 15, 1885. Warwick, 362,407. May 3, 1887. Pihfeldt, 327,408. Sept. 29, 1885. Pope, 354,849. Dec. 21, 1886. Latta, 328,235. Oct. 13, 1885. Carter, 301,478. July 8, 1884. 2,006 of 1874. English. 2,918 of 1876. " 1,559 of 1874. "			447,234 Donnelly, Samuel A., Feb. 24, 1891 31 16 References—Lawson, 345,851. July 20, 1886. Warwick, 412,216. Oct. 1, 1889. Copeland, 412,322. Oct. 8, 1880. Hillman, 430,019. June 10, 1880. Hillman, 16,736 of 1888. English. Allen, 91,061. June 8, 1869. Unzicker, 355,038. Dec. 28, 1886. King, 373,803. Nov. 22, 1887. Latta, 428,919. Oct. 5, 1887.		
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441,649 Dunlop, John B., Dec. 2, 1890, 27 13 No references.					
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447,478 Schindler, Joseph, March 3, 1891, References—Thomas, 422,549. March 4, 1890. Valiquet, 357,249. Feb. 8, 1887.	33	16	453,053 Teetor, Abe L., May 26, 1891, References—Jett, 433,172. July 29, 1890.	38	19
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447,835 Leechman, George D., March 10, 1891, References—3,564 of 1879. English. 15,496 of 1886.	33	17	454,070 Schweers, Raphael, June 16, 1891, References—Emerson, 99,546. Feb. 8, 1870. Fleming, 443,938. Dec. 30, 1890.	39	19
448,850 Riess, Rudolph W., March 24, 1891, No references.	34	17	455,220 Lessells, Allan H., June 30, 1891, No references.	39	19
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460,242 Morris, George L., and Wilson, William T., Sept. 29, 1891, . . . . .	43	21	References—Hendee, 423,249. March 11, 1890. 5,904 of 1887. English. Powers, 313,234. March 3, 1885. 17,881 of 1887. English. Davis, 410,751. Sept. 10, 1889. Goodrich, 437,191. Sept. 30, 1890. 10,610 of 1885. English. 3,607 of 1887. " 12,582 of 1887. " 14,689 of 1887. "		
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461,356 Matern, William J., Oct. 13, 1891,	45	22	No references.		
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461,588 Roberts, William E., Oct. 20, 1891,	45	23	59,915 Lallement, Pierre, Nov. 20, 1866,	49	25
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461,699 Anthony, Jesse, and Everitt, Ar- thur, Oct. 20, 1891, . . . . .	45	23	7,972 } Lallement, Pierre, (R.) Nov. 27, 59,915 } 1877, . . . . .	49	25
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462,782 Trebert, Henry L. F., Nov. 10, 1891, . . . . .	46	23	3,297 Hanlon, George, William, Alfred, Edward, and Frederick, (R.) Feb. 9, 1869, . . . . .	50	26
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464,790 Evans, John B., Dec. 8, 1891, . . .	47	24	References—Lallement, 59,915. Nov. 30, 1866.		
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240,300 Browne, James E., April 19, 1881	65	30
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281,489 Girard, Jean B., July 17, 1883,	67	31
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366,703 Thresher, Harry, July 19, 1887,	69	32
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397,099 Unzicker, Otto, Jan. 29, 1889,	71	33
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402,460 Kibbe, George, April 30, 1889,	72	33
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410,179 Newhauser, Otto, Sept. 3, 1889,	74	34
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420,036 Clark, Alexander H., Jan. 28, 1890, . . . . .	75	35	References—Smith, 351,942. Nov. 2, 1886. 9,283 of 1886. English.
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421,068 Surfleet, Francis R., Feb. 11, 1890, . . . . .	76	35	References—Pressey, 233,640. Oct. 26, 1880. Hunter, 414,048. Oct. 29, 1889. Clegg, 427,048. May 6, 1890. Letter of Dec. 8, 1890, missing from the file.
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422,549 Thomas, Amos W., March 4, 1890, . . . . .	76	35	No references.
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425,471 Toense, Carl G., April 15, 1890, . . . . .	76	36	References—Owen, 392,523. Nov. 6, 1888. O'Brien, 413,414. Oct. 22, 1889.
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425,837 Toquet, Benjamin L., April 15, 1890, . . . . .	77	36	No references.
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433,172 Jett, John, July 29, 1890, . . . . .	77	36	References—Gaffey, 137,431. April 1, 1873. Dale & Henderer, 155,183. Sept. 22, 1874. 5,657 of 1883. English. Pauzey & Crowden, 316,649. April 28, 1885. 3,172 of 1890. English.
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436,305 Crandall, Jesse A., Sept. 9, 1890, No references.	77	36	No references.
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316,047 Marble, George W., April 21, 1885,	130 61
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319,130 Rudling, William A., and Coffin, John F., June 2, 1885, . . . . .	131 61
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321,910 Nye, William E., July 7, 1885,	131 61
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322,221 Warwick, George T., July 14, 1885,	132 62
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323,066 Owen, Frederick D., July 28, 1885,	132 62
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323,085 Taylor, George J., July 28, 1885,	133 62
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323,695 Latta, Emmit G., Aug. 4, 1885,	133 62
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327,399 Latta, Emmit G., Sept. 29, 1885,	134 62
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327,669 Ehrlich, Leo, Oct. 6, 1885, . . .	134 63
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328,353 Starr, Henry N., Oct. 13, 1885,	135 63
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328,693	Latta, Emmitt G., Oct. 20, 1885,	135	63
References—	Potter, 287,717. Oct. 30, 1883. Kirkpatrick, 314,142. March 7, 1885. Salamon, 236,372. Jan. 4, 1881.		
328,709	Paessler, Theophilus H., Oct. 20, 1885,	136	63
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329,402	Lyon, Wallace, Oct. 27, 1885,	136	63
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334,325	Yost, Joseph L., Jan. 12, 1886,	136	63
References—	Dutton, 247,809. Oct. 4, 1881. Yost, 310,858. Jan. 13, 1885. Amess, 251,398. Dec. 27, 1881. Warner, 382,938. Aug. 7, 1883.		
10,864 } 334,325 }	Yost, Joseph L., (R.) Sept. 6, 1887,	137	64
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339,436	Latta, Emmitt G., and Adrian C., April 6, 1886,	137	64
References—	Williams, 305,770. Sept. 30, 1884. Thompson & Spencer, 293,377. Feb. 12, 1884. Marble, 316,047. April 21, 1885. 1,070 of 1880. English. 4,964 of 1880. " Frazier & Austin, 91,734. June 22, 1869. Carter 301,478. July 8, 1884. 5,991 of 1882. English.		
339,765	Hart, Harrie B., April 13, 1886,	138	64
References—	Laurence, 89,543. April 27, 1869. Swain, 311,687. Feb. 3, 1885. Tragardh, 264,374. Sept. 12, 1882. Foot, 291,323. Jan. 1, 1884. Jeffery, 259,313. June 13, 1882. 3,564 of 1879. English. Gideon, 278,534. May 29, 1883. Gendron, 261,222. July 18, 1882. 4,606 of 1879. English. 5,882 of 1882. " Waldo, 284,781. Sept. 11, 1883. Tripler & Roff, 232,783. Sept. 28, 1880. Hosea, 228,996. June 22, 1880. Kellogg, 283,612. Aug. 21, 1883. Interference with application of George S. Long. Decision favorable to Long.		
341,526	Whitehead, Benjamin S., May 11, 1886,	138	64
References—	131 of 1887. English. 2,603 of 1875. " 2,835 of 1884. "		
350,583	Duryea, Charles E., Oct. 12, 1886,	138	65
References—	4,478 of 1884. English. Perkins, 309,086. Dec. 9, 1884. Plass, 88,205. March 23, 1869. Irwin, 86,406. Feb. 2, 1869. Hosea, 228,996. June 22, 1880. Rittenhouse, 266,529. Oct. 24, 1882. Simpson, 99,595. May 25, 1869. Owen, 323,066. July 28, 1885.		
351,118	McMurray, Albert K., Oct. 19, 1886,	139	65
References—	Dutton, 247,809. Oct. 4, 1881. McKenzie, 241,395. May 10, 1881. Wyndham, 106,520. Aug. 16, 1870. Hamillan, 225,010. March 2, 1880. 4,829 of 1880. English. 14,540 of 1884. "		
352,190	Jeffery, Thomas B., Nov. 9, 1886,	139	65
References—	638 of 1881. English. Martin, 339,446. April 6, 1886.		
353,904	Winey, Elijah L., Dec. 7, 1886,	140	65
References—	Buell, 90,723. June 1, 1869. Smith & Walker, 91,682. June 22, 1869. Lorenz, 298,217. May 6, 1884. 1,813 of 1870. English.		
356,095	Bouck, Charles A., Jan. 18, 1887,	140	66
References—	Plass, 88,205. March 23, 1869. Sawyer, 222,537. Dec. 9, 1879. Auld, 289,746. Dec. 4, 1883. Wright, 181,235. Aug. 15, 1876.		
359,126	Brusie, James, March 8, 1887,	140	66
References—	Laurence, 92,460. July 13, 1869. Bevans, 319,385. June 2, 1885. JanGraw, 330,123. Nov. 10, 1875.		
359,127	Brusie, James, March 8, 1887,	140	66
References—	JanGraw, 330,123. Nov. 10, 1885. Blount, 323,289. July 28, 1883. Sharp, 14,540 of 1884. English.		
359,448	Kelsey, Benjamin, March 15, 1887,	141	66
References—	1,421 of 1884. English. 4,155 of 1883. " 4,865 of 1881. " 1,900 of 1879. " 3,478 of 1880. "		
359,536	Hazen, William L., and Hildreth, George H., March 15, 1887,	141	66
References—	14,540 of 1884. English.		
360,017	Hernandez, Eleuterio C., March 29, 1887,	142	66
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362,220	Linnell, Philetus E. May 3, 1887,	142	66
References—	Curlin, 255,775. April 4, 1882. Boris, 90,489. May 25, 1869.		
362,407	Warwick, George T., May 3, 1887,	142	67
References—	Latta, 325,044. Sept. 8, 1885. Hanlon, 86,834. Feb. 9, 1869. Latta, 231,508. July 7, 1885. Strickland, 347,977. Aug. 24, 1886. Latta, 324,568. Aug. 18, 1885. Starr, 328,353. Oct. 13, 1885. Leddell, 306,498. Oct. 14, 1884. 562 of 1882. English. Laubach, 86,235. Jan. 26, 1869. Marble, 171,623. Dec. 28, 1875.		
364,231	Duryea, Charles E., June 7, 1887,	143	67
References—	4,964 of 1880. English. 1,070 of 1880. " 5,199 of 1883. " Latta, 323,162. July 28, 1885. 2,947 of 1882. English. 5,295 of 1879. " 12,277 of 1884. " Jackson, 2,380 of 1884. English. Linley, 6,934 of 1884. " 4,157 of 1882. "		
371,747	Feeley, Thomas W., Oct. 18, 1887,	143	67
References—	Philfeldt, 327,408. Sept. 29, 1885. Latta, 339,436. April 6, 1886. White, 300,544. June 17, 1884.		
379,373	Davis, Henry A., March 13, 1888,	143	67
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384,643	Rourk, Francis, June 19, 1888,	144	67
References—	Coleman, 95,325. Sept. 28, 1869. Dutton, 247,809. Oct. 4, 1881.		
384,946	Warwick, George T., June 19, 1888,	144	67
References—	2,947 of 1882. English. Warwick, 322,221. July 14, 1885. 4,964 of 1880. English. 5,307 of 1882. " Driscoll, 232,601. Sept. 28, 1880.		

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385,258 Evans, James E., June 26, 1888, 145 68  
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385,620 Hart, Harrie B., July 3, 1888, 145 68  
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386,990 Kibbe, George, July 31, 1888, 145 68  
References—Jeffery, 333,128. Dec. 29, 1885.  
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388,427 Marlin, John M., Aug. 28, 1888, 146 68  
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388,446 Rice, David H., Aug. 28, 1888, 147 69  
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391,241 Gongware, Turney H., and Han-  
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393,044 Unzicker, Otto, Nov. 20, 1888, 147 69  
References—Otto, 358,291. Feb. 22, 1887.  
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399,454 Warwick, George T., March 12,  
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400,090 Knapp, Joseph, March 26, 1889, 149 70  
References—Tragardh, 250,607. Dec. 6, 1881.  
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434,605 Molin, Charles G., Aug. 19, 1890, 149 70  
References—Rieder, 234,064. Nov. 2, 1880.  
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448,204 Briggs, Henry, March 17, 1891, 149 70  
References—Anderson, 91,589. June 22, 1869.  
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451,588 Worms, Eugene, and Zwiercho-  
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459,586 Leddell, Charles S., Sept. 15, 1891, 151 70  
References—729 of 1881. English.  
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465,136 Horton, Numon N., Dec. 15, 1891, 152 71  
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465,140 McCammon, John, Dec. 15, 1891, 153 71  
References—Monnin & Filliez, 361,210. April 19, 1887.  
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302,329 Foss, Eli H., July 22, 1884, 154 72  
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306,498 Leddell, Charles S., Oct. 14, 1884, 154 72  
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322,974 Rucker, Martin D., July 28, 1885, 159 74  
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233,640 Pressey, George W., Oct. 26, 1880, 159 75  
References—Andrews, 92,928. July 27, 1869.  
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234,722 Pressey, George W., Nov. 23, 1880, 160 75  
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284,475 Perkins, Lyman C., Sept. 4, 1883, 160 75  
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285,821 Klahr, William, Oct. 2, 1883, 160 75  
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298,217 Lorenz, William A., May 6, 1884, 161 75  
References—Runyon, 244,931. July 26, 1881.  
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309,086 Perkins, Lyman C., Dec. 9, 1884,	161	76	4,121 of 1881. English.		
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Smith & Walker, 91,682. June 22, 1869.			Kelley, 321,819. July 7, 1885.		
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4,121 of 1881. English.			References—Richaids, 252,624. Jan. 24, 1882.		
320,917 Eyster, William N., June 30, 1885,	162	76	Smith, 92,485. July 13, 1869.		
References—Pressey, 234,722. Nov. 23, 1880.			4,121 of 1881. English.		
Simpson, 90,595. May 25, 1869.			353,380 Rust, Lucian A., Nov. 30, 1886,	169	80
321,819 Kelley, William S., July 7, 1885,	162	76	References—Laubash, 86,235. Jan. 26, 1869.		
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5,284 of 1881. English.			No references.		
Crane, 258,559. May 30, 1882.			357,691 Rice, David H., Feb. 15, 1887,	170	81
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2,932 of 1860. English.			George W., Jr., April 5, 1887,	171	81
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Hardley, 270,691. Jan. 16, 1883. Decided			367,049 Leddell, Charles S., July 26, 1887,	171	82
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321,932 Kelley, William S., July 7, 1885,	163	77	Rice, 342,878. June 1, 1886.		
References—Pressey, 234,722. Nov. 23, 1880.			6,705 of 1884. English.		
4,597 of 1882. English.			1,305 of 1879. "		
Warwick, 289,733. Dec. 4, 1883.			2,392 of 1884. "		
Howell, 293,251. Feb. 12, 1884.			10,449 of 1884. "		
323,289 Blount, John G., July 28, 1885,	164	77	2,017 of 1883. "		
References—Waldo, 284,781. Sept. 11, 1883.			796 of 1883. "		
328,499 Marble, George W., Oct. 20, 1885,	164	77	369,864 Mallette, George W., Sept. 13, 1887,	172	82
References—Boris, 90,489. May 25, 1869.			References—Hadley, 335,811. Feb. 9, 1886.		
Foss, 302,329. July 22, 1884.			Robinson, 340,617. April 27, 1886.		
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Browne, 240,300. April 19, 1881.			Hinckley & Culver, 213,109. March 11,		
Cyclist for 1882 and 1883.			1879.		
329,102 Tryon, Joseph M., Oct. 27, 1885,	165	78	Unzicker, 257,415. May 2, 1882.		
No references.			Denham, 222,022. Nov. 25, 1879.		
330,346 Owen, Herbert S., Nov. 10, 1885,	165	78	382,913 Smith, Sidney, May 15, 1888,	172	82
References—Klahr, 285,821. Oct. 2, 1883.			No references.		
Hancock, 194,879. Sept. 4, 1877.			393,837 Kibbe, George, Dec. 4, 1888,	173	82
Overman & Hadley, 270,691. June 16,			References—Foss, 302,329. July 22, 1884.		
1883.			Richard, 252,329. Jan. 17, 1882.		
331,173 Weidman, George W., Nov. 24,	165	78	Monnin & Filliez, 361,310. April 19, 1887.		
1885,			Kibbe, 385,717. July 10, 1888.		
No references.			Price, 384,543. June 12, 1888.		
331,199 Jannus, Frankland, Nov. 24, 1885,	166	79	Boris, 90,489. May 25, 1869.		
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342,878 Rice, David H., June 1, 1886,	166	79	Prescott, 341,389. May 4, 1886.		
References—Leddell, 319,983. June 16, 1885.			4,763 of 1880. English.		
Richards, 252,624. Jan. 24, 1882.			Latta, 323,162. July 28, 1885.		
Leddell, 320,073. June 16, 1885.			2,920 of 1889. English.		
Leddell, 360,498. Oct. 14, 1884.			401,339 Fletcher, Richard H., April 16,		
Kellogg, 283,612. Aug. 21, 1883.			1889,	174	83
848 of 1882. English.			No references.		
4,121 of 1881. "			404,123 Taylor, George J., May 28, 1889,	175	83
342,915 Leddell, Charles S., June 1, 1886,	167	79	References—Jeffery, 352,109. Nov. 9, 1886.		
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Whiting, 250,316. Nov. 29, 1883.			8,015 of 1885. English.		
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Foss, 302,329. July 22, 1884.			References—Wallace, 318,149. May 10, 1885.		
349,532 Slocomb, John T., Sept. 21, 1886,	168	80	Robinson, 257,073. April 25, 1882.		
No references.			Latta, 301,245. July 1, 1884.		
350,994 Rich, Williard G., Oct. 19, 1886,	168	80	Gaylor, 361,280. April 19, 1887.		
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438,935 Montgomery, James W., Oct. 21, 1890,	176	84	
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9,708 Minniss, Thomas S., May 10, 1853,	178	97	
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19,092 Kellner, Louis, Jan. 12, 1858,	178	97	
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36,160 Longett, Alexis, Aug. 12, 1862,	178	97	
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40,547 Bander, Charles L., Nov. 10, 1863,	178	97	
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44,256 Goodman, Joseph, Sept. 13, 1864,	179	97	
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71,561 Way, Charles A., Nov. 26, 1867,	179	97	
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83,696 Cutter, C. N., Nov. 3, 1868,	180	97	
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84,163 Blake, E. K. W., Nov. 17, 1868,	180	97	
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86,573 Morrell, James A., Feb. 2, 1869,	180	97	
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87,769 Gardner, Franklin B., and Trageser, John, March 16, 1869.	180	97	
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88,574 Lindon, William, April 6, 1869,	181	98	
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91,602 Butterfield, Abner L., June 22, 1869,	182	98	
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93,991 Haynes, James H., Aug. 24, 1869,	182	98	
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340,109 Gibbons, Francis J. J., April 20, 1886, . . . . .	658	228	911 of 1881. "		
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| 417,655 Watkins, Charles F., Dec. 17, 1889, 668 233        |           |           | 3,091 of 1886. "  |           |           |
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| 441,728 Watts, Samuel, Dec. 2, 1890, 669 234               |           |           | References—8,112 of 1887. English.                      |           |           |
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| 710 of 1887. "   |           |           | References—Jeffery, 366,218. July 12, 1887.             |           |           |
| 7,410 of 1887. "   |           |           | 456,604 Thompson, Arthur N., July 28, 1891, . . . . .   | 674       | 238       |
| 442,387 Overman, Albert H., Dec. 9, 1890, . . . . .        | 669       | 235       | References—Norton, 393,387. Nov. 27, 1888.              |           |           |
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| References—12,586 of 1886. English.                        |           |           | Withers, 428,737. May 27, 1890.                         |           |           |
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431,001 Thompson, William E., Oct. 13, 1891,	675	238	446,280 Blakely, William, Feb. 10, 1891,	681	225
References—Thompson, 447,382. March 3, 1891.			References—Jeffery, 355,321. Jan. 4, 1887.		
461,696 Winton, Alexander, Oct. 20, 1891,	675	239	Kibb, 393,837. Dec. 4, 1888.		
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463,329 Cottle, Luther M., Nov. 17, 1891,	675	239	Harrison, 381,547. April 24, 1864.		
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King, 358,204. Feb. 22, 1887.					
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463,390 Overman, Albert H., Nov. 17, 1891,	675	239	235,551 Moran, Thomas W., Dec. 14, 1880,	681	279
References—9,045 of 1885. English.			References—Laubach, 86,235. Jan. 26, 1869.		
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463,825 Boudreau, Leon, Nov. 24, 1891,	676	239	4,702 of 1877. "		
No references.			Wilkes & Fort, 185,711. Dec. 26, 1876.		
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464,300 Hadley, Charles F., Dec. 1, 1891,	676	239	References—Weaver, 177,181. May 9, 1876.		
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Cranks.			260,114 Murray, Joseph S., June 27, 1882,	682	279
96,648 Young, McClintock, Nov. 9, 1869,	677	224	No references.		
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Laubach, W. H., 86,235. Jan. 26, 1869.			References—1,160 of 1880. English.		
Haskell, A. Sept. 3, 1867.			292,351 Philbrick, Andrew J., Jan. 22, 1884,	683	280
334,578 Foote, Edward H., Jan. 19, 1886,	677	224	References—Murray, 260,114. June 27, 1882.		
References—1,680 of 1882. English.			292,545 Davis, William H., Jan. 29, 1884,	683	280
Foote, 291,323. Jan. 1, 1884.			References—Lowden, 233,682. Oct. 26, 1880.		
339,446 Martin, Stephen, April 6, 1886,	677	224	292,908 Hadley, Charles F., and Overman, Albert H., Feb. 5, 1884,	683	280
References—1,647 of 1879. English.			References—Herron, 242,643. Jan. 7, 1881.		
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796 of 1883. English.			References—Lallement, 59,915. Nov. 22, 1866.		
381,547 Harrison, John, April 24, 1888,	679	224	298,079 Grendron, Peter, May 6, 1884,	684	280
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358,533 Bierau, Theodor, March 1, 1887,	698 268	References—1,272 of 1880. English. 796 of 1883. 184 of 1884. " Otto, 252,504. Jan. 17, 1882. Kelsey, 296,973. April 15, 1884. Bedford, 197,317. Nov. 20, 1877.	
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98,603 Lee, Benjamin F., Jan. 4, 1870,	. 821	439	References—Alden, H. A., 28,231. May 8, 1860.		
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99,018 Smith, George C., Jan. 18, 1870,	. 821	439	138,867 Downing, Leverett H., May 13,		
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100,096 Alden, Henry A., Feb. 22, 1870,	821	439	No references.		
No references.			141,712 Hawkins, Lorenzo P., Aug. 12,		
100,244 Allen, Albert F., March 1, 1870,	821	439	1873,	. 827	441
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100,448 Rider, John P., and Bird, James			142,054 Street, Edwin A., Aug. 19, 1873,	827	441
R., March 1, 1870,	. 822	439	No references.		
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103,369 Reed, Thomas L., May 24, 1870,	822	439	142,054 } (R.) . . . . . 827 441		
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105,335 Hotchkiss, Burritt M., July 12,			143,661 Blake, Lyman R., Oct. 14, 1873,	. 827	441
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114,394 Bird, James R., May 2, 1871,	. 822	440	No references.		
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123,365 Sharp, Joseph, Feb. 6, 1872,	. 823	440	No references.		
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124,914 Reed, Thomas L., March 26, 1872,	823	440	No references.		
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125,331 Reed, Thomas L., April 2, 1872,	823	440	References—Mayall, 39,238. July 14, 1863.		
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125,594 Mayall, Thomas J., April 9, 1872,	823	440	Duffy, M. C. Jan. 25, 1870.		
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125,596 Mayall, Thomas J., April 9, 1872,	824	440	References—12,828 of 1849. English.		
No references.			156,017 Dodge, Theodore A., and Street,		
126,069 McBurney, Charles, April 23, 1872,	824	440	Edwin, A., Oct. 20, 1874,	. 830	443
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127,755 Forsyth, James B., June 11, 1872,	824	440	158,631 Downing, Leverett H., Jan. 12,		
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130,303 Libby, Asa S., Aug. 6, 1872,	. 824	440	References—Mayall, 548. Feb. 26, 1861.		
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132,006 Harris, Isaac, B., Oct. 8, 1872,	825	440	Feb. 1, 1868.		
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161,272 Reed, John Van D., March 23, 1875, . . . . .	831	443	197,245 Callahan, Cornelius, Nov. 20, 1877, . . . . .	835	445
No references.			No references.		
7,442 } Reed, John Van D., Dec. 19, 1876, (R.) . . . . .	831	443	200,493 Wakeman, Harwood, Feb. 19, 1878, . . . . .	836	445
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161,273 Reed, John Van D., March 23, 1875, . . . . .	831	443	203,094 Wakeman, Harwood, April 30, 1878, . . . . .	836	445
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164,946 Stone, Joseph M., June 29, 1875, . . . . .	832	443	207,489 Bourguignon, Wendel, Aug. 27, 1878, . . . . .	836	445
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165,159 Downing, Leverett H., July 6, 1875, . . . . .	832	443	209,859 Callahan, Cornelius, Nov. 12, 1878, . . . . .	836	445
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165,324 Greacen, John, Jr., July 6, 1875, . . . . .	832	444	209,953 Beatty, Robert P., and Hulenbeek, John H., Nov. 19, 1878, . . . . .	837	445
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166,580 Baker, Seth W., Aug. 10, 1875, . . . . .	833	444	213,363 Wakeman, Harwood, March 18, 1879, . . . . .	837	445
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170,803 Baker, Seth W., Dec. 7, 1875, . . . . .	833	444	219,596 Perry, Edward L., Sept. 16, 1879, . . . . .	837	445
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183,876 Wakeman, Harwood, Oct. 31, 1876, . . . . .	834	444	Interference with application of W. Bourguignon. Decision favorable to Taylor.		
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184,907 Reed, Thomas L., Nov. 28, 1876, . . . . .	834	444	No references.		
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186,123 Gately, Dennis C., Jan. 9, 1877, . . . . .	834	444	References—Wakeman, 188,446. March 13, 1877. Interference with application of C. P. Groat, and E. C. Smith. Decision favorable to Wakeman.		
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186,492 Murphy, John, Jan. 23, 1877, . . . . .	834	444	References—Mayall, 26,276. Nov. 29, 1859. Mayall, (R.) 5,111. Oct. 22, 1872. 2,065 of 1863. English. 640 of 1871. " 3,043 of 1873. "		
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188,446 Wakeman, Harwood, March 13, 1877, . . . . .	835	445	No references.		
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188,554 Wakeman, Harwood, March 20, 1877, . . . . .	835	445	References—Merrens, 194,363. Aug. 21, 1877.		
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194,363 Merrens, Henry J., Aug. 21, 1877, . . . . .	835	445	No references.		
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289,381 Bodifield, Charles T., and Arnett, John, Dec. 4, 1883, . . . . .	840	447	323,149 Holt, Albert T., July 28, 1885, . . . . .
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289,854 Perry, Edward L., Dec. 11, 1883, . . . . .	841	447	325,591 Coultaus, Joseph A., Sept. 1, 1885, . . . . .
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296,370 Walker, William J., April 8, 1884, . . . . .	841	447	330,910 Levavasseur, Eugene, Nov. 24, 1885, . . . . .
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296,436 Murphy, John, April 8, 1884, . . . . .	841	447	331,374 Bruegger, Abraham, Jr., Dec. 1, 1885, . . . . .
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298,321 Stuck, George A., May 6, 1884, . . . . .	841	447	334,233 Jones, James, Jan. 12, 1886, . . . . .
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299,017 Schenck, Junius, and Stowe, Benjamin L., May 20, 1884, . . . . .	842	448	334,510 Bruegger, Abraham, Jr., Jan 19, 1886, . . . . .
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299,018 Schenck, Junius, and Stowe, Benjamin L., May 20, 1884, . . . . .	842	448	334,951 Holt, Albert T., Jan. 26, 1886, . . . . .
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302,718 Flagg, George H. P., July 29, 1884, . . . . .	842	448	338,310 Smith, James M., March 23, 1886, . . . . .
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305,068 Fullerton, George A., Sept. 16, 1884, . . . . .	843	448	338,312 Spadone, Amadee, March 23, 1886, . . . . .
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306,236 Fries, William A., Oct. 7, 1884, . . . . .	843	448	344,250 Cowen, Robert, Jan. 22, 1886, . . . . .
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308,331 Teter, William L., Nov. 18, 1884, . . . . .	843	448	345,063 Knipe, William A., July 6, 1886, . . . . .
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308,729 Arms, George, Dec. 2, 1884, . . . . .	843	448	359,222 Meacom, George, March 8, 1887, . . . . .
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308,730 Arms, George, Dec. 2, 1884, . . . . .	844	448	367,301 Knight, Herbert, July 26, 1887, . . . . .
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309,087 Perry, Edward L., Dec. 9, 1884, . . . . .	844	449	368,364 Wood, Edward L., Aug. 16, 1887, . . . . .
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314,440 Eames, Elisha D., March 24, 1885, . . . . .	844	449	375,877 Judson, Thomas S., Jan. 3, 1888, . . . . .
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316,566 Pierce, Charles P., April 28, 1885, . . . . .	844	449	
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318,458 Fletcher, Thomas, May 26, 1885, . . . . .	845	449	
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322,936 Hoyt, Lewis S., July 28, 1885, . . . . .	845	449	
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376,401 Wilder, Francis M. and Benjamin, George H., Jan. 10, 1888, . . . . .	849 452	425,283 Wright, Rufus, April 8, 1890, . . . . .	853 454
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377,801 Crampton, James, Feb. 14, 1888, 849 452		434,748 Almond, Thomas R., Aug. 19, 1890, . . . . .	853 454
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386,304 Emerson, James E., and Midgley, Thomas, July 17, 1888, . . . . .	850 452	438,836 Botsford, Frederick G., Oct. 21, 1890, . . . . .	854 454
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386,306 Emerson, James E., and Midgley, Thomas, July 17, 1888, . . . . .	850 452	459,536 Simon, Charles F., Sept. 15, 1891, 854 454	
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386,307 Emerson, James E., and Midgley, Thomas, July 17, 1888, . . . . .	850 452	460,924 Stowe, Benjamin L., Oct. 6, 1891, 854 454	
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398,423 Midgley, Thomas, Feb. 26, 1889, 850 452		460,925 Stowe, Benjamin L., Oct. 6, 1891, 854 454	
References—1,906 of 1868. English. 3,543 of 1868. " "		No references.	
398,424 Midgley, Thomas, Feb. 26, 1889, 851 453		562,951 Sampson, Winslow F., Nov. 10, 1891, . . . . .	855 454
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398,426 Midgley, Thomas, Feb. 26, 1889, 851 453		Hose Patches.	
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398,428 Midgley, Thomas, Feb. 26, 1889, 851 453		No references.	
References—Wakeman, 213,663. March 18, 1879. Wakeman, 223,262. Jan. 6, 1880.		31,143 Mackay, John S., Jan. 15, 1861, 963 357	
398,430 Midgley, Thomas, Feb. 26, 1889, 852 453		References—Roberts, I., (Rejected case.) Filed April 3, 1857. Baker, G. O., (Rejected case.) Filed Jan. 25, 1859. Youngman, J., (Rejected case.) Filed Sept. 13, 1860.	
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417,796 Taft, Edward A., Dec. 24, 1889, . 852 453		References—Frents, P., 57,886. Sept. 11, 1866.	
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420,863 Cheever, Henry D., Feb. 4, 1890, 852 453		No references.	
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421,988 Strang, Lew K., Feb. 25, 1890, . 853 454		No references.	
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424,044 Almond, Thomas R., March 25, 1890, . . . . .	853 454	No references.	
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		146,895 Flynn, William, Jan. 27, 1874, 965 358	
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		150,255 Phillips, Oscar E., April 28, 1874, 965 358	
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164,028 Peake, James B., June 1, 1875,	966	358
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192,209 Work, Alanson, June 19, 1877,	966	358
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194,697 Logan, John F., Aug. 28, 1877,	967	358
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204,770 Smith, Samuel C., June 11, 1878,	967	358
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210,422 Hayes, Daniel D., Dec. 3, 1878,	967	358
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234,799 Neely, Thaddeus, A., Nov. 23, 1880,	968	359
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238,770 Fairbanks, John A., March 15,	968	359
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255,465 Shepherd, John, and Miller, Julius V., March 28, 1882,	968	359
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257,602 Nersinger, Lawrence, May 9, 1882,	969	359
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