

<i>Patentee</i>	<i>Date</i>	<i>Patent Number</i>	<i>Patentee</i>	<i>Date</i>	<i>Patent Number</i>
Hamm, E.	Sept. 16, 1879	219,578	Hull, E. H.	Feb. 28, 1882	254,217
Tuttle, J. W., and Keith, T. K.	Sept. 16, 1879	219,782	Roberts, William	March 7, 1882	254,696
Stackpole, G., and Applegate, J. H.	Oct. 7, 1879	220,314	Willcox and Borton	March 28, 1882	255,576
Otis, S. L.	Oct. 28, 1879	221,093	Borton and Willcox	March 28, 1882	255,577
Bland, H.	Nov. 11, 1879	221,505	Borton and Willcox	March 28, 1882	255,580
Bracher, T. W.	Nov. 11, 1879	221,508	Borton and Willcox	March 28, 1882	255,581
Snediker, J. F.	Nov. 25, 1879	222,089	Veukler, W.	April 4, 1882	255,916
Mooney, J. H.	Dec. 2, 1879	222,298	Hurtu, A. J.	May 30, 1882	258,761
Osborne, J. H.	Feb. 3, 1880	224,219	Keats, Alphonso	July 11, 1882	260,990
Smith, W. M.	March 2, 1880	225,199	Ramsden, John W.	Aug. 1, 1882	262,116
Banks, C. M.	March 23, 1880	225,784	Koch, William	Aug. 8, 1882	262,298
Haberling, J.	May 4, 1880	227,249	Bigelow, J.	Aug. 29, 1882	263,467
Haberling, J.	May 11, 1880	227,525	Mills, Daniel	Oct. 10, 1882	265,850
Wiseman, Edmund	June 8, 1880	228,711	Wilkinson, Charles E.	Dec. 19, 1882	269,251
Juengst, George	June 15, 1880	228,820	Carlisle, W. S.	Jan. 9, 1883	270,540
Morley, J. H.	June 15, 1880	228,918	Holden, O. J., and Griswold, L.	Feb. 13, 1883	272,050
Curtis, G. H. W.	June 22, 1880	228,985	Cameron, James W.	Feb. 20, 1883	272,527
Lipe, C. E.	June 29, 1880	229,322	Miller, L. B., and Diehl, P.	March 20, 1883	274,359
Miller, L. B., and Diehl, P.	July 6, 1880	229,629	Ludeke, W.	April 10, 1883	275,506
Willcox, C. H.	July 20, 1880	230,212	Bolton, J., and Petnz, A. D.	May 8, 1883	277,106
Shaw, E.	July 27, 1880	230,580	Blodgett, John W.	June 12, 1883	279,320
Dinsmore, A. S.	Aug. 17, 1880	231,155	Haberling, J.	Sept. 4, 1883	284,300
Thurston, C. H.	Oct. 12, 1880	231,300	Thimonnier, E., and Vernaz, C.	Oct. 30, 1883	287,592
Butcher, J.	Oct. 26, 1880	233,657	Duchemin, William	Nov. 20, 1883	288,929
Smyth, D. M.	Nov. 23, 1880	234,732	Lawrence, G. H.	Dec. 25, 1883	290,895
Hesse, J.	Dec. 7, 1880	235,085	Clever, Peter J.	April 8, 1884	296,529
Kjalman, H. N.	Dec. 21, 1880	235,783	Palmer, John H.	May 6, 1884	298,228
Morley, J. H.	Jan. 4, 1881	236,350	Dowling, James, and Connolly, John	May 27, 1884	299,118
Thomas, J.	Jan. 11, 1881	236,466	Boecher, Adam	June 10, 1884	300,199
Benson, G.	March 8, 1881	238,556	Luedeke, Waldemar	June 17, 1884	300,380
Green, G. F.	March 8, 1881	238,678	VanVechten, Orville R.	July 15, 1884	302,063
Eickemeyer, Rudolf	March 29, 1881	239,319	Carr, Wm. H., and Ostrom, F. W.	Aug. 12, 1884	303,361
Palmer, C. H.	April 26, 1881	240,758	Trip, J.	Dec. 2, 1884	308,711
Campbell, D. H.	May 17, 1881	241,612	Farrar, Arthur	Dec. 30, 1884	309,837
Campbell, Duncan H.	May 17, 1881	241,613	Turner, M. G.	Feb. 17, 1885	312,306
Leslie, A. M.	May 24, 1881	241,808	Mills, D.	March 3, 1885	313,359
Newell, George F.	June 7, 1881	242,470	Hurtu, August J.	April 7, 1885	315,037
Gritzner, Max C.	June 28, 1881	243,444	Charmbury, Henry	April 28, 1885	316,745
Keith, Jeremiah	July 5, 1881	243,710	Woodward & Keith	April 28, 1885	316,927
Choquette, A. E.	July 12, 1881	244,033	Walker, William	June 16, 1885	320,099
Mooney, J. H.	July 19, 1881	244,470	Tucker, R. D.	June 23, 1885	320,898
Beardslee, W. F.	Aug. 16, 1881	245,781	Wheeler and Dial	Oct. 13, 1885	328,165
Hine, Charlie M.	Aug. 23, 1881	246,136	Thomas, Joseph	Nov. 10, 1885	330,170
Willcox, C. H.	Sept. 6, 1881	246,700	Muegge, C. A.	Dec. 8, 1885	332,207
Hoefler, J.	Sept. 13, 1881	246,883	Diehl, P.	April 13, 1886	339,623
Woodward, E.	Sept. 20, 1881	247,285	Diehl, P.	Aug. 24, 1886	347,776
Richards, Jean E.	Jan. 24, 1882	252,799			
Abbott, W. W.	Jan. 31, 1882	252,984			
Secor, J. B.	Feb. 14, 1882	253,772			
Deschamps, O. L.	Feb. 21, 1882	253,915			