#### [OFFICIAL.]

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	Stamping varnished surfaces, T. H. Müller. Stove, base burning, J. R. Hawkins, (reissue). Stove platform, I. Miller. Table, ironing, P. Bostrom. Telegraph pole, T. Rogers. Telegraph printing apparatus, H. Van Hoevenbergh. Tenoning spokes and boring fellies, machine for, J. Bauman. Thill coupling, E. F. Shoenberger. Torpedo for oil wells, E. A. L. Roberts. Toy, J. W. Beatty. Trimming, plaited, A. Shultz. Truck, Van Haagen and Cooper. Tube joint, steam boiler, heater and condenser, J. Harrison, Jr. Type, pointed, Miner and Moody. Valve, steam, Chapman and Spaulding. Valve, tank, J. H. Dorst. Valve for steam and air cylinders, exhaust, G. Westinghouse, Jr. Vehicle, pleasure, C. W. Saladee. Vessels, propulsion of, T. B. Raymond. Vessels, propulsion of, T. B. Raymond. Vessels, propulsion of, E. Matteson. Wagon, dumping, W. W. Carré. Washing machine, D. W. George. Watch frame, cover for, A. Combs. Watches and clocks, cleaning, W. W. Thompson.	122,686 4,705 122,681 122,651 122,652 122,656 122,656 122,656 122,656 122,656 122,656 122,558 122,550 122,556
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	Stamping varnished surfaces, T. H. Müller. Stove, base burning, J. R. Hawkins, (reissue). Stove platform, I. Miller. Table, ironing, P. Bostrom. Telegraph pole, T. Rogers. Telegraph printing apparatus, H. Van Hoevenbergh. Tenoning spokes and boring fellies, machine for, J. Bauman. Thill coupling, E. F. Shoenberger. Torpedo for oil wells, E. A. L. Roberts. Toy, J. W. Beatty. Trimming, plaited, A. Shultz. Truck, Van Haagen and Cooper. Tube joint, steam boiler, heater and condenser, J. Harrison, Jr. Type, pointed, Miner and Moody. Valve, steam, Chapman and Spaulding. Valve, tank, J. H. Dorst. Valve for steam and air cylinders, exhaust, G. Westinghouse, Jr. Vehicle, pleasure, C. W. Saladee. Vessels, propulsion of, T. B. Raymond. Vessels, propulsion of, T. B. Raymond. Vessels, propulsion of, E. Matteson. Wagon, dumping, W. W. Carré. Washing machine, D. W. George. Watch frame, cover for, A. Combs. Watches and clocks, cleaning, W. W. Thompson.	122,686 4,705 122,681 122,651 122,652 122,656 122,652 122,652 122,652 122,652 122,652 122,652 122,652 122,652 122,553 122,553 122,554 122,531 122,556 122,531 122,556 122,531 122,531 122,531 122,531 122,531 122,532 122,531 122,532 122,533

#### EXTENSIONS GRANTED.

18,966.—IMPROVEMENT IN LOCOMOTIVE ENGINE WHEELS, granted to George S. Griggs, December 29, 1857.

18,874.—IMPROVEMENT IN BAGASSE FURNACES, granted to Moses Thompson. December 15, 1857.

## DESIGNS PATENTED.

5,462.—Carpet Pattern.—John H. Bromley, Philadelphia, Pa., assignor to John Bromley & Sons, same place.

5,463.—Car Seat End Frame.—Thomas W. Brown, Belmont, Mass 5,464. — Drawer Pull. — Albert D. Judd, New Haven, Conn.

5,465.—Trellis.—Joseph G. Konvalinka, Astoria, N. Y.

5,466.—Rim of Vases, etc.—Jonathas Moore, Brooklyn, N. Y., assignor to himself and Abram Horton, same place.

5,467.—Floor Oil Cloth Pattern.—Joseph Robley, Brooklyn, N. Y., assignor to William M. Brasher & Co., same place. 5,468.—CARPET PATTERN.—John Howie Smith, Enfield, assignor to Hartford Carpet Company, Hartford, Conn. 5,469.—CIRCULAR REGISTER.—Edward A. Tuttle, New York city.

5,470.—Hot Air and Ventilating Register.—Edward A. Tuttle, New York city. 5,471.-HOT AIR AND VENTILATING REGISTER.-Edward A. Tuttle, New York city.

# TRADE MARKS REGISTERED.

626.-Whisky.-Barkhouse Brothers & Company, Louisville, Ky.

627.—PLOWS.—Bouton, Whitehead & Co., Naperville, Ill. 628.—LAMP CHIMNEYS.—Charles F. A. Hinrichs, New York city.

629.—DISINFECTANTS, ETC.—Marcelin, Warren & Co., New York and Brooklyn, N. Y. 630.—AQUEOUS SOLUTION OF BALSAMIC GUMS.—Oscar Oldberg, Washington, D. C.

63... SEWING MACHINES. - The Finkle & Lyon Manufacturing Company Middletown, Conn.

# SCHEDILE OF PATENT FEES: On each Cavear On each Trade-Mark On tiltag each application for a Patent, (seventeen years).

... 122,614

On Laming and Courses Butant
On Issuing each original Patent On appeal to Examiners-in-Chief
On appeal to Commissioner of Patents
an application for Reissue
On application for Extension of Patent
on application for Reissuc. On application for Extension of Patent. On grantingthe Extension.
On filing a Disclaimer.
On filing a Disclaimer
On an application for Design (seven years)
On an application for Design (fourteen vears)
For Copy of Claim of any Patent issued within 30 years
A sketch from the model or drawing, relating to such portion of a machine
A sketch from the model or drawing, relating to such portion of a machine
A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from
A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from
A sketch from the model or drawing, relating to such portion of a machine as the Claim covers, from

involved and the number of views. Full information as to price of drawings in each case, make we and we

at a reasonable cost, the price depending upod the Landons of tabe

MIINN & CO. Patent Solicitors. 37 Park Row. New Yarv.

# Applications have been duly filed and are now pending for the extension

of the following Letters Patent. Hearings upon the respective applications are appointed for the days hereinafter mentioned;

APPLICATIONS FOR EXTENSIONS

19,206.—HYDRANTS.—Granted to Washburne Race and S. P. C. Mathews, January 26, 1858; reissued July 18, 1871. Hearing January 10, 1872.

19,847.—INDIA RUBBER DOOR MATS.—Granted to Edwin M. Chaffee, February 16, 1858. Hearing January 31, 1872.

19.490.—METALLIC TIES FOR COTTON BALES.—Granted to Frederic Cook, March 2, 1858. Hearing February 14, 1872. 19,222. - SERD PLANTERS. - Granted to James D. Willoughby, January 26, 1858. Hearing January 10, 1872.

19,191.—MAEING BLADES FOR PENCIL SHARPENERS.—Granted to Walter K. Foster, January 26, 1858. Hearing January 10, 1872.

19,328.—CANE GUNS.—Granted to J. F. Thomas, February 9, 1858. Hearing January 24, 1872.

19,252.—Plate Frames for Photographic Cameras.—Granted to William Lewis and William H. Lewis, February 2, 1858. Hearing January 17, 1872. Lewis aug. William H. Lewis, February 2, 1858. Hearing January 17, 1872.

19,200.—Straw Cutters.—Granted to Jacob H. Mumma, January 26, 1858; reissued September 6, 1858, March 28, 1864, and March 7, 1865. Hearing January 10, 1872. Postponed to January 20, 1872.

19,465.—Carpet Beating Machine.—Granted to Joseph Harris, Jr., and Daniel Homes, February 23, 1858; reissued May 13, 1862. Hearing February 7, 1872.

19,258.—FLASKS FOR CASTING WHEELS.—Granted to Frederick Nishwitz, February 2, 1858. Hearing January 17, 1872. 19,821.—PLOWS.—Granted to George Watt, February 9, 1858; additional improvements August 2, 1859; reissued August 4, 1868. Hearing January 24, 1872.

19,6%.—Grinding Attachment to Pug Mills.—Granted to David H. Gage, March 23, 1858. Hearing March 6, 1872.

19,318.—Lap Joints for Belting.—Granted to Henry Underwood, February 9, 1858; reissued January 1, 1867. Hearing January 24, 1872.

19,384.—Bank Check Canceler.—Granted to William M. Simpson, February 16, 1858. Hearing January 31, 1872.

19,370.—KNITTING MACHINES.—Granted to Joseph K. Kilbourn and Edward E. Kilbourn, February 16, 1858. Hearing January 31, 1872.
19,346.—PROPELLING CANAL BOATS.—Granted to Herman Camp, February 16, 1858. Hearing January 31, 1872.

19,398.—Hydraulic Valves.—Granted to Calvin Woodward and George M. Woodward, February 16, 1858. Hearing January 31, 1872.

19,377.—HARVESTERS.—Granted to Frederick Nishwitz, February 16, 1858; reissued March 5, 1861, and again reissued in two divisions, April 13, 1869. Hearing January 31, 1872.

19,349.—SHINGLE MACHINES.—Granted to George Craine, February 16, 1858. Hearing January 31, 1872.

19,420.—HORSE RAKES.—Granted to William Horning February 23, 1858. Hearing February 7, 1872. 19,462.—Straw Curterss.—Granted to Thomas H. Willson and Daniel T. Willson, February 23, 1858. Hearing February 7, 1872.

19,412.—Shovel. Plow or Cultivator.—Granted to Paul Dennis, February 23, 1858: reissued August 4, 1863. Hearing February 7, 1872.

19,417. - COTTON GINS. - Granted to Benjamin D. Gullett, February 23, 1858. Hearing February 7, 1872.

19,461.—Sher Peg Machine.—Granted to Abijah Woodward, February 23, 1858. Hearing February 7, 1872. 19,555.—SPLICE FOR JOINTS OF RAILEOAD RAILS.—Granted to Mark Fisher, March 9, 1858. Hearing February 21, 1872.

19,979.—Sewing Machines.—Granted to Charles F. Bosworth, April 20, 1858. Hearing April 4, 1872.

19,487.—Continuous Metallic Lathing.—Granted to Birdsall Cornell, March 2, 1858. Hearing February 14, 1872.

19,517.—MACHINE FOR FORMING SHEET METAL PANS.—Granted to E. A. Smead, March 2, 1858. Hearing February 14,1872.
19,483.—HARVESTERS.—Granted to Jesse S. Butterfield, March 2, 1858; reissued in two divisions January 15, 1867. Hearing February 14, 1872.

19,572.—Machines for Packing Flour.—Granted to J. Mattison, March 9, 1858. Hearing February 21, 1872. 19,610.—RAISING DOUGH.—Granted to James Perry and Elisha Fitzgerald

March 9, 1858. Hearing February 21, 1872.

19,638.—Combined Floating Anchors and Liffe Preservers.—Granted to to Joseph Humphries, March 16, 1858. Hearing February 28, 1872.

Jass. Hearing February 25, 1812.
 Jig. Stor Motion for Hair Cloth Looms.—Granted to Rufus J. Stafford, March 23, 1858. Hearing February 6, 1872.
 Harling Allend Car Axle Boxes.—Granted to R. N. Allen, March 23, 1858; reissued December 20, 1864. Hearing February 6, 1872.

19,548.—Mode of Tightening and Securing the Keys of Journal Boxes of Connecting Rods or Pitmen.—Granted to Levi Dederick, March 9 1858. Hearing February 21, 1872.

19,619.—Machine for Planing Blind Slats.—Granted to Charles Carlisle and Leonard Worcester, March 16, 1858. Hearing February 28, 1872.

20,235. -FLY NETS. -Granted to Robert Wilson, May 11, 1858. Hearing April 24, 1872.

20,238.—SASH FASTENERS.—Franted to Frederick W. Brocksieper and Joseph B. Sargent, May 11, 1858. Hearing April 24, 1872.

19,594.—VALVES FOR STEAM ENGINES.—Granted to Isaac Van Doren, March 9, 1853.—Hearing February 21, 1872.

WINDLASSES.—Granted to Joseph P. Manton, March 30, 1858. Hearing March 13, 1872.

19,806.—ROTARY CUTTERS FOR TONGUEING AND GROOVING.—Granted to James A. Woodbury, March 30, 1858.—Hearing March 13, 1872.

19,637.—GRAIN SEPARATORS AND CLEARKES.—Granted to Simeon Howes and Gardner E. Throop, March 16, 1858. Hearing February 28, 1872.

19,654.—MACHINES FOR TRIMMING BOOKS.—Granted to A. C. Semple, March 16, 1858. Hearing February 23, 1872.

19,626.—Photo-Lithography.—Granted to James A. Cutting and L. H. Bradford, March 16, 1858; reissued July 31, 1860. Hearing February 23, 1872.

83. --Hot Afr Furnaces. -- Granted to John Child, March 23, 1858. Hearing March 6, 1872.

19,747.—WIRE STAPLES.—Granted to Byron Boardman, March 30, 1858; reissued March 6, 1866. Hearing March 13, 1872.

19,819.—LIGHTNING CONDUCTORS.—Granted to Oren White, March 30, 1858. Hearing March 13, 1872.

19,820.—HUBS OF CARRIAGE WHEKLS.—Granted to James M. Whitney, March 30, 1858. Hearing March 13, 1872. 19,644.—Sawing Machines.—Granted to Henry H. Low, March 16, 1858. Hearing February 28, 1872.

19,718.—TURNING AND SLIDING TABLES FOR RAILROADS.—Granted to William Sellers, March 23, 1858; reissued August 10, 1858. Hearing March 6, 1872.

20,078.—Mode of Protecting Gilding on Glass.—Granted to Peter V. Mathews, April 27, 1858. Hearing April 10, 1872.

19,783.—COMBINATION OF LEAD PENGLAND ERASER.—Granted to Hymen L. Lipman, March 30, 1858. Hearing March 13, 1872.

19,767.—MACHINE FOR TESTING AND MEASURING THE STRENGTH OF CAR SPRINGS.—Granted to Perry G. Gardiner, March 30, 1858. Hearing March 13, 1872.

19,770.—Constructing Doll Heads.—Granted to Ludwig Greiner, March 30, 1858. Hearing March 13, 1872.

19,786.—LATHE CRUCKS.—Granted to John L. Mason, March 30, 1858. Hearing March 13, 1872.

20,192.—METHOD OF SEATING THE MOVABLE CUTTERS IN EXPANSIVE BITS.— Granted to William A. Clark, May 11, 1858; reissued June 22, 1869. Hearing April 24, 1872.

19,855.—IGE PITCHERS.—Granted to Ernest Kaufmann, April 6, 1858. Hearing March 20, 1872.

19,824.—Apparatus for Supplying and Measuring Syrups in Soda Water.—Granted to Edmund Bigelow, April 6, 1858; reissued May 4, 1858, and December 4,1866. Mearing March 20, 1872.

Value of Extended Patents.

# $\mbox{Did}$ patentees realize the fact that their inventions are likely to be $m \bullet r e$

productive of profit during the seven years of extension than the first full term for which their patents were granted, we think more would avail themselves of the extension privilege. Patents granted prior to 1861 may be extended for seven years, for the benefit of the inventor, or of his heirs in case of the decease of the former, by due application to the Patent Office, ninety days before the termination of the patent. The extended time inures to the benefit of the inventor, the assignees under the first term having no rights under the extension, except by special agreement. The Government fee for an extension is \$100, and it is necessary that good professional service be obtained to conduct the business before the Patent Office. Full informs tion as to extensions may be had yaddressing
MUNN & CO., 37 Park Row

# Inventions Patented in England by Americans.

From December 12 to December 18, 1871, inclusive. (Compiled from the Commissioners of Patents' Journal.)

BLENDING INKS.-T. L. McCready (of New York city), London, England. CENTRIFUGAL MACHINE.—S. S. Hepworth, New York city. COUPLING.-J. R. Taber (of Faithaven, Mass)., London, England.

GALVANIC BATTERY.—J. Smith, New York city.

GENERATING GAS. - W. Elmer, New York city. Hoisting Apparatus, etc.—C. R. & N. P. Otis, Yonkers, N.Y.

WATCH PROTECTOR .- W. B. Farwell (of New York city), London, England.

## Foreign Patents

The population of Great Britain is 31,000,000; of France, 37,000,000; Belgium, 5,000,000; Austria, 36,000,000; Prussia, 40,000,000; and Russia, 70,000,000. Patents may be secured by American citizens in all of these countries. Now is the time, while business is dull at home, to take advantage of these immense foreign fields. Mechanical improvements of all kinds are always in demand in Europe. There will never be a better time than the present to take patents abroad. We have reliable business connections with the principal capitals of Europe. A large share of all the patents secured in toreign countries by Americans are obtained through our Agency. Address Munn & Co., 37 Park Row, New York. Circulars with full informs. tic : on foreign patents, furnished free,