



Second, in combination with the above the weighted lever arms...

This invention consists in so arranging and connecting the brake...

52,704.—Railroad Station Indicator.—C. C. Gale, Columbus, Ohio:

First, I claim the arrangement of the reversible rotating disk...

52,705.—Mop and Scourer.—W. T. Grant, Jacksonville, Ill.:

I claim an implement consisting of a mop, a mop wringer and scrubbing brush...

52,706.—Grain Huller.—William C. Grimes, Philadelphia, Pa.:

First, I claim the mode as herein described, of hulling corn or other grain...

52,707.—Steam and Cut-off Valve.—Elbert E. Groom, N. Y. City:

First, I claim the cavities, g, and the shallow recesses, g', in the piston valves...

52,708.—Hanging Center Boards of Vessels.—J. F. Hall, R. I.:

I claim the swivel yoke, C, in combination with the center board of a vessel...

52,709.—Pump.—H. A. M. Harris, Philadelphia, Pa.:

First, I claim the described arrangement in the cylinder, A, of the lower inlet valve...

52,710.—Railroad Alarm Signal.—Jabez H. Harris, Point Isabel, Ohio:

First, I claim the mode of automatically raising and releasing a signal board...

52,711.—Lamp.—Alexander Harroun, Jr., Onondaga, N. Y.:

I claim the regulator, A A in combination with the mica cap, b b.

52,712.—Molasses Faucet.—W. H. Hartman, Fostoria, Ohio:

I claim the trough or spout, B, and head, d, in combination with the barrel, A...

52,713.—Farm Gate.—William G. Hermann, Albany, N. Y.:

First, I claim the construction of the roller, D, with flanged guards for the rail, a, of a gate...

52,714.—Shears for Cutting Bolts.—D. H. Hitchcock, Rockford, Ill.:

I claim the shoulders, a, a, on the outer ends of the blades of the shears...

52,715.—Tool for Cutting Gas Pipes, Etc.—William S. Howarth, New Haven, Conn.:

I claim the use of the two flexible cutters, a and b, in combination with the adjustable cutter, g...

52,716.—Quartz Crushing.—Daniel Hughes, Rochester, N. Y.:

First, I claim placing the ends of the piston rods, d, loosely into the sockets of the stamper rods, D...

52,717.—Fence.—C. B. Hunting, Clinton, Ill.:

I claim the combination with the rails, a, and battens, b, of the stakes, D, E, and adjustable iron bands, c'

52,718.—Machine for Weaving Covering for Whip Handles.—Liveras Hull, Charlestown, Mass.:

I claim a mechanical combination comprised not only of machinery for sustaining a whip stock...

52,719.—Carpenters' Shooting Boards.—Joseph Jones, Newark, N. J.:

I claim the shooting board constructed and arranged substantially as hereinabove specified...

52,720.—Journal Box.—Edward F. Light, Worcester, Mass.:

I claim a journal box or bearing composed of a base piece, A, bored out as seen at D...

52,721.—Pump for Railroad Stations.—Henry S. Lansdell, New York:

First, I claim the swivel head, g, in combination with the steam pipe, a, and ascension pipe, c...

helix about the whip stock or article while said so moved, but also of machinery for raising...

52,722.—Reel for Grain Binders.—Sylvanus D. Locke, Janesville, Wis.:

I claim an adjustable reel constructed with extensible arms, substantially as and for the purposes set forth.

52,723.—Sluice for Quartz Mills.—Hugh Logan, Washoe City, Nevada:

I claim the grooved false bottoms, m, in the compartments, c, of the sections of the sluice...

52,724.—Harvester.—Alpheus Lowmiller, Jewett, Ohio:

I claim the arranging and applying of a sickle to a grain or grass harvester, r, in the manner as herein shown...

52,725.—Iron Frames for Piano Fortes.—August Ludolph, New York City:

The arrangement of the plate, A A' A'', with flanges, B and C, on the underside...

52,726.—Window Screen.—Abner B. Magoun, West Hanover, Mass.:

I claim an adjustable screen as made of two frames, their guides, and two separate coverings...

52,727.—Boit-heading Machine.—Merrick D. Marcy, Worcester, Mass.:

First, I claim the slotted bolster or buttress attached to the sliding platform for holding the heading die...

52,728.—Machine for Rolling Leather.—Wm. P. Martin, Salem, Mass.:

I claim the employment of a reciprocating carriage in combination with the yielding bed...

52,729.—Flour Sifter.—W. C. McGill, Cincinnati, Ohio:

I claim the combination of the stationary case, A, wings, H, the revolving conical sieve, G...

52,730.—Mode of Working a Capstan by Steam.—John S. McMillen, Pittsburg, Pa.:

I claim the arrangement of the wheels, l m n o k j i h and d, shafts, G 5 4 3 and B...

52,731.—Wagon Brake.—Joseph McQuead, Mount Sterling, Ill.:

I claim the sliding brake or bar, B, connected to the shaft, F, by links, E...

52,732.—Shoe.—Frederick Merkle, New York City:

I claim as a new article of manufacture a leather shoe having its uppers crimped and formed of a single piece...

52,733.—Washing Machine.—James M. Meschutt, New York City. Antedated Feb. 9, 1866:

I claim in combination with the box, B, constructed as shown, the use or employment of the sliding washboard, K...

52,734.—Breech-loading Fire-arm.—Isaac M. Milbank, Greenfield Hill, Conn.:

First, I claim in combination with the swinging breech pin, f, and bolt, g...

52,735.—Fire Place.—Allen Moon, Bethlehem, Ind.:

I claim the movable grate, 9', the movable extra back, 10, the regulator with its throat valve, 7...

52,736.—Car Coupling.—William L. Newell and Jacob S. Simmerman, Millville, N. J.:

First, We claim the inclined and hooked arms, B B, combined with the springs, E E, or their equivalents...

52,737.—Inner Sole.—Isaac Newhall, Lynn, Mass.:

I claim an inner sole for boots and shoes formed of leather scraps or fillings, coated or covered either upon one or both of its sides...

or fillings, coated or covered either upon one or both of its sides with a covering of paper or other similar material...

This invention relates to a new and improved inner sole, especially intended for use in boots and shoes...

52,738.—Hot-air Furnace.—S. W. Norton, Lemont, Ill.:

I claim the sleeve, E, so arranged with regard to the feed spout, D, of the furnace...

52,739.—Apparatus for Pouncing Hats.—Emile Nougaret, Newark, N. J.:

First, I claim the pressing cones, C C', in combination with the punch, g jaws, D D', and guide piece, f...

52,740.—Apple Corer and Slicer.—Robert Onderdonk, New York City:

First, I claim the arranging of the slicing cutters, b, so as to form a hollow hemispherical socket to receive and hold the apple...

52,741.—Detachable Rocker for Chairs.—Wm. Pinkerman, Bridgeport, Conn. Antedated Feb. 16, 1866:

I claim the adjustable socket for the rockers of rocking chairs, constructed and arranged substantially as herein described...

52,742.—Piston-rod Packing.—George S. Prindle, Aurora, Ill.:

I claim constructing stuffing-box packing of hollow divided or slitted cones, as herein set forth...

52,743.—Cultivator.—George W. Prugh and William H. Beard, Arlington, Ill.:

First, We claim a combination and uniting in one machine the shaft, J, fitted with a lever and pulley...

52,744.—Stereoscope.—Antonio Quirolo, New York City:

First, I claim hinging the lens holder to the bed plate of a stereoscopic instrument...

52,745.—Manacles.—Andrew Rankin, Philadelphia, Pa.:

First, I claim a manacle composed of the portions, c and c', constructed and combined substantially as and for the purpose specified.

52,746.—Flour Sifter.—Henry F. Read, Brooklyn, N. Y.:

First, I claim the combination of the box, hopper, and oscillating sieve.

52,747.—Tobacco-cutting Machine.—F. W. Kitterhoff, New York City:

First, I claim a device for taking up the wear of the shaft, operating substantially as and for the purpose herein shown and described.

52,748.—Developing Stick.—Thos. C. Roche, Williamsburg, N. Y.:

First, I claim a developing stick composed of a handle, A, and suction pad, B, as a new article of manufacture.

52,749.—Guide for Folding and Uniting the Edges of Two Pieces of Cloth, Etc.—Israel M. Rose, New York City:

I claim the employment of the spiral-shaped pieces, B and D and E, in combination with the spring piece, C...

52,750.—Door Latch.—A. H. Rowe, Hartford, Conn. Antedated Sept. 2, 1865:

I claim as a new article of manufacture the latch constructed as described.



