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No. 2734. HENRY S. WOOD, Philadelphia, Penn., U.S., 22nd September, 1873, for 5 years: "A Mirror Reflector, and Toilet Glass." (Un miroir réflecteur et à toilette.)

It is supported on a stand for convenient transportation and handling, and has an adjustable stem, which may be extended or contracted according to height desired.

Claim.—1st. The self-sustaining joint consisting of the friction blocks E, geared to each other, and the plates C, D, combined and operating as set forth; 2nd. The plate C, formed with the plug B, and the detached plate D, connected to said plug by the projection and notch a, b, in combination with the blocks E; 3rd. The tapering plugs B, and jointing portions B¹, having tapering sockets B², in combination with the jamb nuts, or washers P, and thumb screws R; 4th. The countersunk thumb screws R, S, and angular washers P, in combination with the plugs, or portions of the axial couplings or joints of the arms which support the mirror reflector. M.

No. 2735. HENRY S. WOOD, Philadelphia, Penn., U.S., 22nd September, 1873, for 5 years: "Mirror Reflector and Toilet Glass." (Miroir réflecteur et à toilette.)

Claim.—1st. The combined mirror reflector and toilet glass, the same consisting of the glass C, a supporting stand and a double jointed connection between the glass and stand; 2nd. The stem or staff B, of the glass C, consisting of the telescopic sections B¹, B², B³, and holding screws E, combined and operating as set forth; 3rd. The upper section of the stem formed with the plug F, in combination with the arm J, which is jointed to the plug F, and by the plug K, to the arm J, to which the glass C, is connected.

No. 2736. ISRAEL P. MAGOON & HENRY FAIRBANKS, St. Johnsbury, Vt., U.S., 22nd September, 1873, for 15 years: "Locomotive Feed Water Heater." (Chaudière d'eau d'alimentation de locomotives.)

Claim.—A double coil E, around the chimney B, through which the feed water is forced, and the said coil, inclosed by an insulated casing D, forming a chamber F, within which is the said coil, and into which the exhaust steam passes.

No. 2737. JAMES HINCHLIFFE, Hamilton, Ont., 22nd September, 1873, for 5 years: "Reversible Self-heating Smoothing Iron." (Fer à repasser à chauffage automate.)

Claim.—1st. A reversible smoothing iron a, a, containing chamber s, heated as shown by alcohol or burning fluid; 2nd. The arrangement of the swinging levers c, c¹, in combination with the collar o, projection r, for swinging the iron; 3rd. The arrangement of the adjustable stop lever d, as shown with its prongs u, u¹, slot h, h¹, h², h³, h⁴, h⁵, h⁶, h⁷, h⁸, h⁹, h¹⁰, h¹¹, h¹², h¹³, h¹⁴, h¹⁵, h¹⁶, h¹⁷, h¹⁸, h¹⁹, h²⁰, h²¹, h²², h²³, h²⁴, h²⁵, h²⁶, h²⁷, h²⁸, h²⁹, h³⁰, h³¹, h³², h³³, h³⁴, h³⁵, h³⁶, h³⁷, h³⁸, h³⁹, h⁴⁰, h⁴¹, h⁴², h⁴³, h⁴⁴, h⁴⁵, h⁴⁶, h⁴⁷, h⁴⁸, h⁴⁹, h⁵⁰, h⁵¹, h⁵², h⁵³, h⁵⁴, h⁵⁵, h⁵⁶, h⁵⁷, h⁵⁸, h⁵⁹, h⁶⁰, h⁶¹, h⁶², h⁶³, h⁶⁴, h⁶⁵, h⁶⁶, h⁶⁷, h⁶⁸, h⁶⁹, h⁷⁰, h⁷¹, h⁷², h⁷³, h⁷⁴, h⁷⁵, h⁷⁶, h⁷⁷, h⁷⁸, h⁷⁹, h⁸⁰, h⁸¹, h⁸², h⁸³, h⁸⁴, h⁸⁵, h⁸⁶, h⁸⁷, h⁸⁸, h⁸⁹, h⁹⁰, h⁹¹, h⁹², h⁹³, h⁹⁴, h⁹⁵, h⁹⁶, h⁹⁷, h⁹⁸, h⁹⁹, h¹⁰⁰, h¹⁰¹, h¹⁰², h¹⁰³, h¹⁰⁴, h¹⁰⁵, h¹⁰⁶, h¹⁰⁷, h¹⁰⁸, h¹⁰⁹, h¹¹⁰, h¹¹¹, h¹¹², h¹¹³, h¹¹⁴, h¹¹⁵, h¹¹⁶, h¹¹⁷, h¹¹⁸, h¹¹⁹, h¹²⁰, h¹²¹, h¹²², h¹²³, h¹²⁴, h¹²⁵, h¹²⁶, h¹²⁷, h¹²⁸, h¹²⁹, h¹³⁰, h¹³¹, h¹³², h¹³³, h¹³⁴, h¹³⁵, h¹³⁶, h¹³⁷, h¹³⁸, h¹³⁹, h¹⁴⁰, h¹⁴¹, h¹⁴², h¹⁴³, h¹⁴⁴, h¹⁴⁵, h¹⁴⁶, h¹⁴⁷, h¹⁴⁸, h¹⁴⁹, h¹⁵⁰, h¹⁵¹, h¹⁵², h¹⁵³, h¹⁵⁴, h¹⁵⁵, h¹⁵⁶, h¹⁵⁷, h¹⁵⁸, h¹⁵⁹, h¹⁶⁰, h¹⁶¹, h¹⁶², h¹⁶³, h¹⁶⁴, h¹⁶⁵, h¹⁶⁶, h¹⁶⁷, h¹⁶⁸, h¹⁶⁹, h¹⁷⁰, 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No. 2738. GEORGE J. WILSON, Ottawa, Ont., 22nd September, 1873, for 5 years: "Machine for Turning Wood." (Un tour à bois.)

Claim.—The combination of driving shaft A, driving drum B, cone pulleys C, driving latho disc D, adjusting foot disc E, screw shaft F, adjusting screw nut G, driving cog-wheel H, centre point cog-wheels I, centre points K, lever L, clutch pulley M, pin N, travelling cutting bed O, cutting tool P, cutting bed adjuster Q, handle R, spur-wheels S, and endless screws T.

No. 2739. JOHN E. COFFIN, Portland, Me., U.S., 25th September, 1873, for 5 years: "Split Match Card." (Carte d'allumettes fendues.)

The match card is a split card, that is to say, the interstices between each match are split by a knife, in contradistinction to the sawkerfs now generally in use.

Claim.—A match card or block in which the incisions which divide the matches, are not extended entirely throughout the length of the blank in order that a portion of such blank may be left intact for purposes stated.

No. 2740. JOHN RICHMOND, Morris, Ont., 25th September, 1873, for 5 years: "Thrashing Machine Jack." (Élévateur de machine à battre.)

Claim.—1st. The combination of the pulley A, with the frame C, for the purpose of raising or lowering a thrashing machine 2nd. The combination of the rack D, with pulley A, and frame C, for the purpose of protecting the connecting rod E.

No. 2741. ANDREW G. GRAY, St. John, N. B., 25th September, 1873, for 5 years: "Mode of Fastening Door Knobs to their Spindles." (Manière d'ajuster les boutons de portes à leurs axes.)

This arrangement is intended as a substitute for the screw fastening now in use and to dispense with the necessity of perforating the spindle at certain places to fit the thickness of doors most in use, but which do not fit doors of other thicknesses.

Claim.</