

No. 36,078. Combined Bath and Wash Tub.*(Cuve et bain combinés.)*

Mary Lydia White Martinot, New York City, N.Y., U.S.A., 6th March, 1891; 5 years.

Claim.—1st. The combination, with a bath tub, of a wash tub held to slide thereon, substantially as shown and described. 2nd. The combination, with a bath tub, of a wash tub having a sliding connection with the bath tub, and a stop limiting the movement of one tub upon the other, as and for the purpose specified. 3rd. The combination, with a bath tub, of a wash tub held to slide thereon and adapted to extend at one end over the bath tub, a main waste pipe, a waste pipe connected with the wash tub and having a detachable connection with the main waste pipe, and a support for the overhanging end of the wash tub, substantially as shown and described. 4th. The combination, with a bath tub, of a wash tub having a sliding connection therewith and provided with downwardly-extending legs at one end, a main waste pipe connected with the bath tub, an auxiliary waste pipe connected with the wash tub and having a telescopic connection with the main waste pipe, and an overflow located in the wash tub and having a connection with the auxiliary waste therefor, substantially as and for the purpose set forth. 5th. The combination, with a bath tub, having flanges at both sides and at one end, of a wash tub held to slide upon the flanged surfaces of the bath tub, a stop device attached to the wash tub, legs attached to the said wash tub at one end, a main waste pipe, a connection between the said main waste pipe and the bath tub, an auxiliary pipe connected with the wash tub, having a detachable connection with the main waste pipe, and an overflow located in the bath tub, and connected with the auxiliary waste pipe, substantially as shown and described.

No. 36,079. Guard for Key-Holes.*(Entrée de serrure à protection.)*

Charles David Williams, Philadelphia, Pennsylvania, U.S.A., 6th March, 1891; 5 years.

Claim.—A lock having a throat in the periphery of its casing, an inwardly-extending guard at the wall of said throat, an oscillating guard with a shoulder adapted to abut against said inwardly-extending guard, a tooth adapted to enter an opening in a key, and a spring adapted to close said shoulder against said inwardly-extending guard, said parts being combined, substantially as described.

No. 36,080. Folding Step Ladder.*(Echelle pliante.)*

Nehemiah Goldberg, Philadelphia, Pennsylvania, U.S.A., 6th March, 1891; 5 years.

Claim.—1st. The cross-piece K, with the integral shoulder L. 2nd. A folding step ladder, consisting of legs and steps hinged thereto, and a diagonally arranged brace hinged at one end, and having an automatically acting locking device at the opposite end, substantially as described. 3rd. In a folding step ladder, a pin connected with the same, and a brace having an opening to receive said pin, and a spring for automatically causing the engagement of said brace and pin, and the retention of said brace in its locking position, substantially as described. 4th. A folding step ladder, having a brace, a keeper which receives said brace and permits lateral play of the same therein, and means connected with said keeper, whereby the brace automatically engages with the pin, and is retained in contact with the same, substantially as described. 5th. A folding step ladder, having legs with steps hinged thereto, cross bars which support said steps having shoulders formed therein, a brace J and a diagonal brace hinged at one end, and having an automatically locking device in connection therewith, substantially as described.

No. 36,081. Diaper. (Linge ouvert.)

Collins Arnold, Albany, New York, U.S.A., 6th March, 1891; 5 years.

Claim.—As an improved article of manufacture, a diaper made of a flattened section of tubular knitted fabric, each ply of the fabric having a separate diagonal seam formed by cutting a piece from the middle portion of the ply, and securing the cut edges by a seam line of stitching on the inner side, and a row of zig-zag stitches severally placed transversely of the seam line, substantially as described.

No. 36,082. Drill. (Drille.)

John Muirhead, Pittston, Pennsylvania, U.S.A., 6th March, 1891; 5 years.

Claim.—1st. A drill, having a stem with enlarged portions, forming a tool holder, one of said portions being provided with a tapering opening, and another with a groove leading from said opening, in combination with a bit having a tapering neck adapted to fit in said opening, and a back adapted to fit in said groove, substantially as and for the purpose set forth. 2nd. A drill, having a stem with enlarged portions forming a tool-holder, one of said portions being provided with a tapering opening, and another with a grooved head from said opening, in combination with a bit having a thickened front or outer portion, and a tapering neck or shank forming a shoulder with said outer portion, and thereby providing a cutting edge of greater width than the neck or shank, substantially as described. 3rd. A drill, having on its stem a screw-threaded portion at or near one end thereof, a movable block on said screw-threaded portion of the stem, and a key seated in a slot in said stem, and in a recess in said block, substantially as described. 4th. A drill, having a stem with an enlarged portion with an opening therein, and a smaller portion having a groove therein, and a bit with a neck fitting in said opening, and a back in said

groove, substantially as described. 5th. A drill bit, having a tapering neck with a shoulder, a thickened front or outer portion, and a cutting edge of greater width than the shank thereof, substantially as and for the purpose set forth. 6th. A drill, having on its stem a guiding block, substantially as and for the purpose described.

No. 36,083. Composition for Waterproofing*(Composition imperméable à l'eau.)*

John Smith, Melbourne, Victoria, Australia, 7th March, 1891; 5 years.

Claim.—As a composition of matter, white lead, linseed oil, whitening, sulphate of lime, crushed alum, glue, patent drier, cold water and pigments, combined in substantially the proportions specified.

No. 36,084. Skate. (Patin.)

Gedeon Rohonczy, Budapest, Hungary, 7th March, 1891; 5 years.

Claim.—A skate, consisting of a runner with two saddle-shaped supports e^1 and e^2 , riveted or brazed thereto, these supports being made in one piece with threaded studs f , ending in pins g , provided with heads g^1 and g^2 , which are introduced into the recesses a , arranged in the sole and the heel of the shoe, through the plates b and c covering said recesses, and which heads are then placed in these recesses, so that by tightening the winged nuts h , arranged on the studs f , a secure fastening of the skate to the shoe is obtained, substantially as hereinbefore described and set forth.

No. 36,085. Leather Handle. (Poignée en cuir.)

William Robertson, Hamilton, Ontario, Canada, 7th March, 1891; 5 years.

Claim.—In a tool handle, the leather layers A, cemented and pressed together, in combination with one or more metallic bars B, substantially as and for the purpose hereinbefore set forth.

No. 36,086. Car Coupling. (Attelage de chars.)

Edward B. Govelet, New Orleans, Louisiana, U.S.A., 7th March, 1891; 5 years.

Claim.—1st. In a coupling, the combination, with a draw head having a longitudinal cavity therein, and a pin hole formed vertically therein, of a pin adapted to pass through the pin hole, and a spring connected with the pin and adapted to limit the extent of its withdrawal and prevent accidental removal from the drawhead, substantially as set forth. 2nd. In a car coupling, the combination, with a draw head having a longitudinal cavity therein, and a pin hole formed vertically therein, of a link curved from end to end, and a pin adapted to secure the link in the cavity, substantially as set forth. 3rd. In a car coupling, the combination, with a draw head having a longitudinal cavity therein, of a spring actuated clutch block and a set screw beneath the block for regulating the vertical position of the latter within the cavity, substantially as set forth. 4th. In a car coupling, the combination, with a draw head having a longitudinal cavity in its center, the bottom of said cavity sloping downward, and a shoulder and lip at or near the outer end of the cavity, of a link, a pin, a spring and means for raising the pin, substantially as set forth. 5th. The combination, with a draw head, of a spring actuated clutch block having a concave recess extending transversely and horizontally in the outer face, and a recess in its top, of a pin adapted to be seated in the top recess, a spring for holding the pin down, and means for raising the pin, substantially as set forth. 6th. The combination, with an ordinary draw head, of a spring cushioned clutch block having a shank projecting rearwardly therefrom, a check block against which the spring abuts, and means for securing said check block in an ordinary draw head, substantially as set forth. 7th. In a car coupler, a clutch-block consisting of a block, bar or rod with a concave mouth formed transversely in its forward end for engaging the inner end of a link to hold said link in a horizontal position by preventing its outer or disengaged end from dropping, substantially as set forth. 8th. In a car coupling, an adjustable clutch block having a concave mouth formed transversely therein to receive and hold one end of a link, substantially as set forth. 9th. In a car coupling, the combination, with a draw head, of a clutch block located in the mouth of the latter and formed with a concave mouth therein, substantially as set forth. 10th. The combination, with a draw head, of an adjustable and yielding clutch block therein, substantially as set forth.

No. 36,087. Ledger Leaf. (Page et feuille d'index.)

Cassius Martin Wilson, Fairchild, Wisconsin, U.S.A., 7th March, 1891; 5 years.

Claim.—1st. A ledger leaf or sheet having rulings for one or more accounts, each account being provided with two daily date columns, one of which is for a debit and the other for a credit entry, whereby debit and credit entries of different dates as well as those of the same date, can be entered on the same horizontal line, substantially as described. 2nd. A ledger leaf or sheet provided with rulings for one or more accounts, each account being provided with two daily date columns, one of which is for a debit and the other for a credit entry, a single year column and a single month column, substantially as described. 3rd. A ledger leaf or sheet provided with rulings for one or more accounts, each account being provided with two daily date columns, one of which is for a debit and the other for a credit entry, a single year column and a single month column, two item or commodity columns, one of which is for debit and the other for credit entry, and two amount columns, one of which is for debit and the other for credit entries, substantially as described.