



Vol. XVI.—No. 10.

OCTOBER, 1888.

{ Price in Canada \$2.50 per An.
United States - \$2.50 "

INVENTIONS PATENTED.

NOTE—Patents are granted for 15 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 29,929. Package for Containing and Displaying Merchandise. (*Boîte pour contenir et exhiber les marchandises.*)

John E. Cowles, New York, N. Y., U. S., 28th September, 1888; 5 years.

Claim.—The combination of a series of superposed boxes or trays, with their corresponding sides in the same plane, and each connected at its opposite ends to the next above it by a lever, having its extremities pivoted to each, two levers pivoted to the rear ends of the lower box and the forward ends of the upper box of the series, and a supporting bar rigidly secured to and in the same plane of the rear face of the upper box, and extending to the bottom of the lower box, substantially as described.

No. 29,930. Machine for Seaming Tin Boxes. (*Machine pour faire les agrafes des boîtes en fer blanc.*)

H. P. F. Ewers, Lubeck, German Empire, 1st October, 1888; 5 years.

Claim.—1st. A machine for rebating tin objects of any desirable shape, characterized by the combination of two brace-checks, similar in fundamental shape to the shape of the tin object, and holding it between them, the driving gear of the under brace-check, and the compulsory guidance of the under brace-check by means of the rail *m* and the guide-roller *n*, and the combination of the carriage *d*, which can be adjusted vertically and horizontally to the tin object with the rotating disk *a* for the tool or tools, substantially as described. 2nd. In a machine for rebating tin objects of any desirable shape, as already described, the hollow brace-checks *k*, *k'*, which hold the object to be rebated or rotated, and are guided by the rollers *n*, *n'* journalled on the plate *p*, and the table *B* so as to rotate, and of which the under brace-check has outer cogs *l*, and presses against the guide-rail *m*, and receives from a cog-wheel *u* such a motion that it is led along the rail *m*, substantially as described. 3rd. In a machine for rebating tin objects of any desirable shape, as already described, the contrivance for holding fast the object to be rebated between the brace-checks *k*, *k'*, and consisting in the table *B* on the frame of the machine for supporting the under brace-check in the plate *p* parallel to the table *B* for the upper brace-check, and in the shaft *v*, which can be adjusted up and down by the rack *q* and cog *n*, and held fast by the ratchets *v1*, *v2*, and can be lifted by pedal *z* by means of the bar *z* for guiding the plate *p* vertically, substantially as described. 4th. In a machine for edging and rebating tin objects of any desirable fundamental shape, as already described, the lower brace-check *k'* made to rotate round the pivot *k1* in the place of the roller *n*, and rail *m* for rebating round objects, substantially as described.

No. 29,931. Tub Hoop. (*Cercle de cuve.*)

Herbert M. Lourie, Keokuk, Iowa, U. S., 1st October, 1888; 5 years.

Claim.—1st. The combination, in a tub hoop, of a hoop body provided with a head at one end, a screw and a nut therefor at the other end, and the double lug described, comprising two end lugs joined by two side bars, all in one piece, one of the lugs being slotted in its back, and provided with shelves at the sides of the slot, and the other lug having a longitudinal aperture in it, substantially as shown and described. 2nd. The double lug for hoops described, comprising the two end lugs *6* and *7*, joined by the side bars *16* and the shelves *15*, each of the end lugs having a longitudinal aperture, one of them having a slot at its back, substantially as shown and described.

No. 29,932. Trolley Tracks. (*Voie-trôlée.*)

Lemuel Coburn, Holyoke, Mass., U. S., 1st October, 1888; 5 years.

Claim.—1st. A trolley-track, consisting of a tube of substantially rectangular cross-section at its upper portion, and having the lower edges curved in toward the median line and then turned upward, so that the bottom of the tube has a rounded trough at each side of a longitudinal central opening, substantially as described. 2nd. The combination, with a trolley-track, having a round-bottomed trough at each side of a central opening, of a carrier, consisting essentially of two rollers rounded on their peripheries to fit the rounded troughs, and a hauger suspended from an axle uniting said rollers.

No. 29,933. Curtain Fixture.

(*Gousset porte-rideau.*)

George R. G. Jones, Louisville, Kentucky, U. S., 1st October, 1888; 5 years.

Claim.—1st. The combination of a shade roll, having a spool or drum at one end thereof, a band or ribbon coiled around said spool, a fixed support below the roll and in which the band is guided, and a spring connected to said support and pressing constantly against said band or ribbon to prevent the latter from slipping, substantially as and for the purpose described. 2nd. In a curtain fixture, the combination of a rotatory shade roll, having a spool or drum at one end thereof, a band or ribbon coiled around said spool in the reverse direction to the shade around said roll, and having a transverse bridge, and a curved spring connected centrally to the bridge to be held thereby against endwise displacement, and having its free ends pressing against the band or ribbon, substantially as and for the purpose described. 3rd. A support *F*, having the raised sides and an intermediate bridge, combined with a curved spring, provided with the raised shoulders adapted to fit against opposite sides of the bridge, whereby said spring is held against endwise displacement in the holder, and the ends thereof are free to impinge against a band or ribbon, substantially as and for the purpose described. 4th. A support *F*, having a transverse bridge elevated above the base thereof, combined with a longitudinally curved spring connected centrally to said bridge, and having its free ends resting on the base of said support, substantially as and for the purpose described. 5th. The combination of a holder *F*, having parallel sides and a bridge, a curved spring arranged between said sides of the holder, and provided with the transverse spaced shoulders normally held against the bridge, and a band or ribbon passing between the unconfined ends of the spring and the base of the support, substantially as and for the purpose described.

No. 29,934. Kitchen Ventilator.

(*Ventilateur de cuisine.*)

William Welsh, Exeter, Ont., 1st October, 1888; 5 years.

Claim.—1st. A funnel or cone *F*, and discharge pipe *P* having perforations or openings *o* formed therein, in combination with the hood *H*, water shed *S*, base *B* and damper *D* formed with openings *o'* and *d'* respectively, as and for the purpose set forth. 2nd. The combination of the funnel or cone *F*, discharge pipe *P* having perforations or openings *o* formed therein, hood *H*, water shed *S* and base *B* formed with openings *o'* and flange *a*, in combination with the damper *D* formed with openings *d'* and angular braces *c*, as and for the purpose set forth.

No. 29,935. Call Bell. (*Sonnette d'appelle.*)

Russell Mason, New Castle, Ont., 1st October, 1888; 5 years.

Claim.—1st. A call bell and means for operating same, consisting of a gong, spring clock work, a striker for such gong connected with and operated by such spring clock work, when spring of same is wound, and a pull line for winding such spring. 2nd. A call bell, and means for operating same, consisting of gong *D*, spring clock work *C*, the striker for such gong connected with and operated by such spring clock work *C*, when spring *t* of same is wound, a pull line for winding such spring *t* and push button *A* acting as the hand device for operating said pull line, all substantially as shown and described.