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No. 2795. W. P. BARTLEY, Montreal, Que., 11th October, 1873, for 5 years: "Improvements on Walking Beam Steam Engines." (Perfectionnements aux machines à vapeur à balanciers.)

Claim.—1st. The two reciprocating cylinders *o*, and *L*, with high pressure or low pressure steam or both in combination with the beam *d*; 2nd. The combination of the cylinders *o*, and *l*, beam *d*, elongation *e*, and three centres *h*, *i*, and *k*.

No. 2796. W. P. MILLER, New York, U. S., 11th October, 1873, for 10 years: "Improvements in Saw-Teeth." (Perfectionnements aux dents de scies.)

Claim.—An insertible saw-tooth, having a circular base of more than half a circle, the said base pierced as at *C*, and separated as at *e*, for springing the heel laterally to insert the base in the socket as described.

No. 2797. E. J. EMMONS & M. J. KEANE, New York, U. S., 11th October, 1873, for 5 years: "Improvements in Children's Chairs." (Perfectionnement aux chaises: d'enfants.)

Claim.—1st. The frame *a*, slide bars *b*, spring *d*, and seat *c*; 2nd. The adjustable foot board in combination with the frame *a*, bars *b*, spring *d*, and seat *c*; 3rd. The hinged table forming also a head rest when its position is changed; 4th. The handles *g*, combined with the frame *a*, bars *b*, spring *d*, and seat *c*.

No. 2798. W. H. SIMMONDS, Acton Vale, Que., & T. R. JOHNSON, Montreal, Que., 13th October, 1873, for 5 years: "A Burglar Detector." (Un délateur de voleurs.)

Claim.—1st. The construction of a metal block which may be of various sizes and shapes with any number of holes or chambers at the sides, ends or top; 2nd. The screws at the ends to close chamber *B*, and to fasten the machine; 3rd. The application and arrangement of the springs by means of which the cap is fixed and the several chambers are caused to go off, and arouse the neighbourhood and burglar or burglars by the simple application of the various parts.

No. 2799. W. BEBRO, Eng., 17th October, 1873, for 15 years: "Improvements in Ticket Printing Machine." (Perfectionnements aux machines à imprimer des billets.)

Claim.—1st. The combination of the revolving cylinder *A*, with the travelling saddle piece *P*; 2nd. The combination with the cylinder *A*, and the saddle piece *P*, of the rollers *o*, *r*, and perforators or dividers *s*, *e*; 3rd. The combination of the revolving cylinder *A*, with the rollers *c*, *c*; 4th. The combination with the cylinder *A*,

and rollers *c*, *c*, of the bearing blocks *o*, *o*, the internal toothed wheel *h*, and the stud *i*; 5th. The combination of the lock catch *s*, with the wheel *h*.

No. 2800. G. F. DEAN & F. Y. C. HILL, Montreal, Que., 17th October, 1873, (Re-issue of Patent No. 2685), for 5 years: "A Combined Chair and Lounge." (Chaise et Causeuse combinées.)

Claim.—The combination of the side pieces *A*, bent pieces *D*, legs *H*, and connecting bars *K*, as described.

No. 2801. F. V. ROULEAU, St. Jean-Baptiste de l'île Verte, Que., 17th October, 1873, for 10 years: "Machine for Drying, Cleaning and Purifying Magnetic Sand." (Machine à sécher, nettoyer et purifier le sable magnétique ou ferrugineux.)

Claim.—1o. La table *C*; 2o. Le fourneau *B*; 3o. Le cylindre *D*, électro-aimanté au moyen des bobines à l'intérieur qui reçoivent le courant électrique par des électrodes communiquant aux piles; 4o. Le cylindre *F*, qui donne le mouvement au reste de la machine, le tout fonctionnant tel que décrit.

No. 2802. P. MUTTER, Hamilton, Ont., 17th October, 1873, for 5 years: "A Joint Preserver and Nut Protector for Railway Rails." (Un couvre-joint et couvre-écrou pour les lisses de chemins de fer.)

Claim.—The joint preserver, nut protector and check block *b*, as shown in Figs 1, 2, 3, 4, and 5, in combination with railway rails, arranged and constructed as specified.

No. 2803. A. C. JOHNSON, Pittsburgh, Penn., U. S., 17th October, 1873, for 5 years: "Improvements on Wash Boards." (Une planche à laver.)

Claim.—A wash-board, the rubbing surface of which is constructed of sheet metal furnished with conical rubbing or friction points *D*, as described.

No. 2804. S. G. HADLEY, Theresa, New York, U. S., 17th October, 1873, for 5 years: "Improvements in Snow Ploughs for Railway." (Perfectionnement aux charrues à neige de chemins de fer.)

Claim.—1st. The combination of the frame *I*, and truck *A*, operated by the screw *F*, as specified.

No. 2805. E. H. MADDOCK, Guelph, Ont., 17th October, 1873, for 5 years: "Improvements on Scaffolding." (Echafaudages perfectionnés.)

Claim.—The combination of the bracket *B*, with the post *A*, by means of the straps *C*, *C*, rope *D*, pin *E*, and guys *F*, *F*, by the strap *G*, as set forth.