

The Canadian Patent Office

RECORD




Vol. XI.—No. 11.

NOVEMBER, 1883.

Price in Canada \$2.00 per An
United States - \$2.50 "

CONTENTS.

INVENTIONS PATENTED.....	405
ILLUSTRATIONS.....	433
INDEX OF INVENTIONS.....	I
INDEX OF PATENTEEs.....	11

INVENTIONS PATENTED.

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

No. 17,787. Mower Cutting Bar Tilter.

(*Lever à bascule aux lames des moissonneuses.*)

Robert M. Robinson, Wingham, Ont., 1st October, 1883; 5 years.

Claim.—The combination of the cog segments F and F₁, and the application of them to a mower, substantially as shown and described and for the purpose specified.

No. 17,788. Fasteners for Gloves.

(*Agrafes de gants.*)

James Wilds, Berlin, Ont., 1st October, 1883; 5 years.

Claim.—1st. As an improved fastening, a ball or portion thereof provided with a shank or projection to constitute a connecting point for attaching the ball to the glove or other article to be fastened, in combination with a socket or cup provided with a similar projection, and being a suitable size to receive the ball, the outer edge of the lip of the cup being slightly smaller than the diameter of the ball so that when the ball is sprung into it the lip of the cup retains the ball in position, substantially as and for the purpose specified. 2nd. In a ball and socket fastening, in which the ball is attached to one part and the socket to the other part of the article to be fastened together by springing the ball into the socket, a recessed opening made in the socket for the purpose of permitting the free movement of the ball's shank when the said ball has been inserted in the socket, as described. 3rd. In a ball and socket fastening, in which the ball is attached to one part and the socket to the other part of the article to be fastened together by springing the ball into the socket, a lip or lips formed on top of the ball, substantially as and for the purpose specified. 4th. As an improved snap fastener, a ball A provided with a shank B, having spikes for attaching it to the article, in combination with a socket C provided with a similar shank and a recessed opening *a*, to permit the free lateral movement of the shank B, when the ball is inserted in the socket, substantially as and for the purpose specified.

No. 17,789. Method of Preparing Matrix Forms for Stereotyping.

(*Manière de préparer les matrices de stéréotypage.*)

Merritt H. Dement, Chicago, Ill., U.S., and Freeman Lane, Darlington, Manitoba, 1st October, 1883; 5 years.

Claim.—1st. The method of preparing a matrice form composed of type indented strips for stereotyping, the same consisting in securing said strips on a support and applying to the spaces between the strip, a fluid or plastic material for filling said spaces, and allowing the same to harden, substantially as described. 2nd. The method of preparing a matrice form composed of type indented strips for stereotyping, the same consisting in securing said strips on a support and applying to the spaces between the lines, and between and at the ends of said strips, a fluid or plastic material for filling said spaces, and allowing the same to harden, substantially as described. 3rd. In producing matrice forms for stereotyping purposes, the method described, which consists in producing type indentations in strips of paper or other material, or in sheets of paper, and then separating said sheets into strips, and pieces of strips; and afterwards securing the same to a support, and finally applying to the spaces between the strips, a filling consisting of a fluid or plastic material which will

harden, all substantially as described. 4th. A matrix form, the face of which is composed of type indented strips and a hardened material filling the spaces between the strips, substantially as described.

No. 17,790. Lubricators for Steam Engines.

(*Graisseurs des locomotives.*)

Warren H. Craig, Lawrence, Mass., U.S., 1st October, 1883; 5 years.

Claim.—1st. The combination of the water trap (or chamber *a* and partition C) and the observation port D and oil induct *e*, of such trap, with the condenser C, and the lubricant reservoir E, all being arranged substantially as set forth. 2nd. The water trap having a polished surface or light reflector to that face of the partition C, which is directly in front of and next adjacent to the observation port D, such trap communicating, substantially as described with the steam condenser and with the lubricant reservoir. 3rd. The combination of the projection G, provided with the valve seat *n*, upward passage *g* and notch *h*, also with the valve *f*, arranged as described with the oil reservoir E, observation port H, the condenser B, and its educt F, all being substantially as set forth. 4th. The valve seat projection G, polished or provided with a light reflecting surface on its inner end and arranged essentially as described, with the observation port H, and provided with the upward passage *g*, and lateral notch *h*, as explained. 5th. The lubricator, substantially as described, consisting of the condenser B, and lubricant reservoir E, the intervening neck provided with the water trap, the two observation ports D and H, the valve *f*, its seat projection G, the oil chamber and the escape tube *e*, and the induct A, such projection G, communicating with the condenser and having the valve seat *n*, passage *g*, and notch *h*, and all being adapted, substantially in manner to operate as set forth.

No. 17,791. Revolving Sign.

(*Enseigne tournante.*)

Tillman A. Markeny, Peoria, Ill., U.S., 2nd October, 1883; 5 years.

Claim.—1st. In a revolving sign, the top and bottom strips A B, in the form of a letter S, and correspondingly-curved thin sheets H, fastened to the curved sides of the strips, in combination with a supporting axis. 2nd. In a revolving sign, the top and bottom strips A B, in the form of a letter S, and correspondingly-curved thin sheets H, fastened to the curved sides of the strips, in combination with the pipe T and rod R, substantially as and for the purpose set forth. 3rd. The top and bottom strips A B, in the form of a letter S, curved sheets H, and pipe T, having enlargement C, in combination with the rod R, having collar F, substantially as and for the purpose set forth. 4th. The sign composed of strips A B, in the form of a letter S, curved sheets H, tube T, enlargement G, and the indented and perforated cups D, having cap C, in combination with the rod R, projection E and collars F V, substantially as and for the purpose specified.

No. 17,792. Evaporator.

(*Appareil évaporatoire.*)

Joseph M. Duncan, Warsaw, N. Y., U. S., 2nd October, 1883; 5 years.

Claim.—1st. In an evaporator, the combination, with the evaporating-pan F and the partition wall B of the furnace, of one or more angle-irons G, substantially as shown and described, whereby the products of combustion are kept from passing over the top of the said wall, as set forth. 2nd. In an evaporator, the combination, with the evaporating pan F, the partition wall B, and one or more angle-irons G, of the cap J, having central groove H, and side flanges K, substantially as shown and described. 3rd. In an evaporator, the cap J, made substantially as shown and described, with side flanges K, and a central groove H, substantially as shown and described, to adapt it to be interposed between the top of the partition wall and the bottom of the evaporating-pan and to receive the angle-irons attached to the said pan, as set forth.

No. 17,793. Halter.

(*Licou.*)

Charles S. Upton, Spencerport, N. Y., U.S., 2nd October, 1883; 5 years.

Claim.—1st. A clamp consisting of a metallic ring provided with spurs projecting from its edges parallel with the rope to be clamped, and adapted to be bent inward into the rope, as shown and described. 2nd. A clamp consisting of a metallic ring provided with spurs on its edges, and having an eye for the attachment of a separate strap, as shown and described.