

said projection from the dog is adapted to engage under a rotation of the said frame from the lamp support below, and so as to disengage the drum from the frame, substantially as described.

### No. 30,073. Snow Plough.

(*Charrue à neige.*)

David B. Knight, Riceburg, Que., 30th October, 1888, 5 years.

*Claim.*—1st The combination of the sled A pivoted arms *d* and mould boards *e* attached thereto, links *m* and adjustable levers *k*, the whole substantially as set forth. 2nd. The combination of the sled A, pivoted arms *d*, mould-boards *e* attached to said arms, blocks *o*, plates *h*, stanchions *s*, levers *k*, connecting rods *m*, and pins *n*, the whole substantially as described.

### No. 30,074. Hook for Fastening Ropes.

(*Crochet pour attacher les cordes.*)

Walter A. Perry, New Bedford, Mass., U. S., 30th October, 1888; 5 years.

*Claim.*—1st. As a new article of manufacture, a rope fastener consisting of a shank terminating at rear in a base, and provided at the sides with cleats *d*, *d*<sup>1</sup>, and at the top with a hook, a forwardly projecting member *c* being arranged between the forward ends of the cleats, substantially as described. 2nd. As a new article of manufacture, a rope fastener consisting of a shank terminating at rear in a base, and forward in a projecting member *c*, cleats *d*, *d*<sup>1</sup> arranged on each side of the shank to leave wedge-shaped openings *e*, *f*, *g* and *h*, and a hook rising from the upper side of the shank, the inner facings of the openings and lower bend of the hook being corrugated or roughened.