(No Model.)

J. PATON.

TOBOGGAN.

No. 351,790. Patented Nov. 2, 1886.

Fig. 1

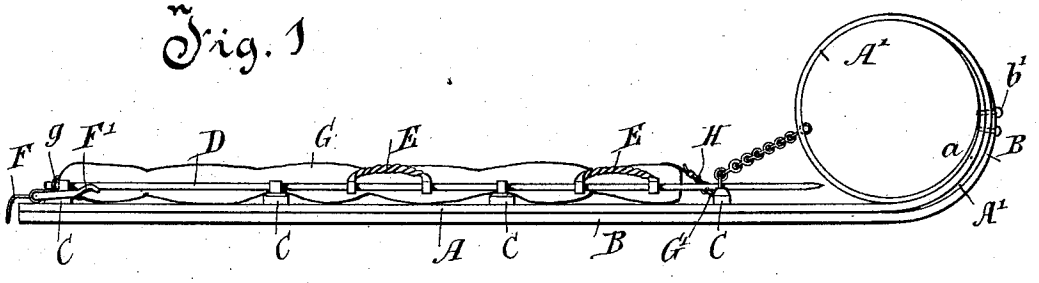


Fig. 2

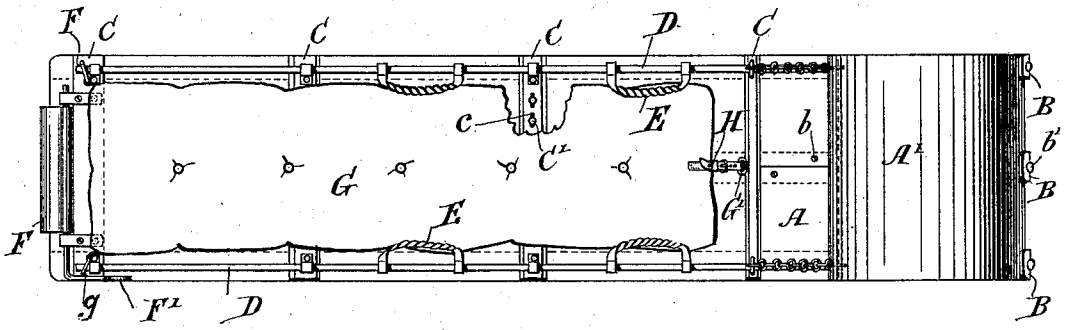
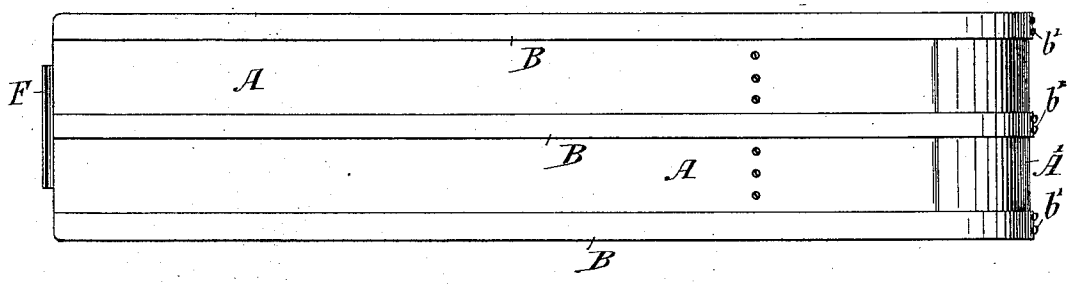


Fig. 3



Witnesses:
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UNITED STATES PATENT OFFICE.

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TOBOGGAN.

SPECIFICATION forming part of Letters Patent No. 351,790, dated November 2, 1886.

Application filed March 17, 1886. Serial No. 195,598. (No model.) Patented in Canada January 19, 1886, No. 23,187.

To all whom it may concern:

Be it known that I, JAMES PATON, of the city of Montreal, in the District of Montreal and Province of Quebec, Canada, have invented certain new and useful Improvements in Toboggans; and I do hereby declare that the following is a full, clear, and exact description of the same.

My invention comprises certain improvements in the construction of toboggans, for the purpose of making them cheaper in first cost, stronger, and more easily steered. It may be thus briefly described.

I propose to make the turned-over front part or hood of the toboggan separate from the body or carrying part, which will be made as in the ordinary "Indian" toboggan, of thin boards. The head and the body will have an overlapping joint and be secured together by longitudinal strips running the whole length of the body and partially round the body and attached to both. These longitudinal strips both serve to strengthen the toboggan and facilitate its steering. I propose to secure the cross-bars to which the side rods are attached to the longitudinal boards by rivets or screws, each one passing through a longitudinal slot in the cross-bar, this construction allowing the longitudinal boards to shrink and swell without warping or cracking. At convenient points for the steerer and those sitting on the toboggan I attach handles formed of loops of leather, through the ends of which the side rods pass, riveted and twisted round, so as to give a firm grip to the hands.

In order to obviate or lessen danger from collisions, &c., I provide for emergencies a brake, made of a strip of iron or other metal, hinged to the rear end of the toboggan, clear of the ground when not in use, and brought in contact with it by means of a handle operated by the steerer.

The cushion of my toboggan has at its rear end two rings, which fit on the ends of the side rods, and it is attached at its front end by a strap running through a ring fastened, usually, to the front cross-bar. This arrangement allows the cushion to be taken off and put on easily and quickly, holding it, at the same time, firmly in place, and thereby obviates the injury caused to both toboggan and cushion by the accumulation and melting of snow between them.

For full comprehension of my invention, reference must be had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of my toboggan; Fig. 2, a top view, and Fig. 3 a view of the bottom.

Similar letters of reference indicate like parts.

A is the body or carrying part of the toboggan, A′ being the head, made separate and bent into the shape shown, in any usual way, these being faced, as shown at *a*, and secured together by the longitudinal strips B B B, attached at *b* and *b′* to both body A and head A′. These longitudinal strips are arranged, as shown, on the under surface of the toboggan and project therefrom the desired amount.

C C are the cross-bars, secured to the longitudinals by screws or rivets C′, passing through slots *c*, so as to allow of the expansion or contraction of the longitudinal boards.

D D are the side rods, secured to the cross-bars in any usual way, and passing through loops, at the heads of handles E, of leather or other like substance, preferably rolled or twisted round, so as to give a firm grip for the hands, and clinched by rivets.

F is a plate, usually of metal, hinged to the rear end of the toboggan, and when not in use being clear of the ground. When it is desired to lessen the speed of the toboggan, or to stop it altogether, this plate is turned downward by the handle F′, and then comes in contact with the surface and acts as a brake.

G is the cushion, *g g* being the end rings, which catch on the ends of the side rods D; and G′, a ring secured to or near the front cross-bar, through which passes a strap, H, serving to hold the front end of the cushion in place.

Having thus described my invention, I beg to state that what I claim, and wish to secure by Letters Patent, is as follows:

1. A toboggan composed of the body or

carrying part A, separate head A′, and strips B B B, connecting same, all as herein set forth.

2. In a toboggan, the combination, with the longitudinals, of cross-bars secured thereto by screws passing up through slots in same, as and for the purposes set forth.

3. The cushion of a toboggan, secured thereto by rings passing over the rear ends of the side rods, and a strap passing through a ring attached to the front cross-bar to hold front end in place, all as herein set forth.

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