(No Model.)

C. E. BABCOCK.

TOBOGGAN.

No. 334,925. Patented Jan. 26, 1886.

Fig. 1.

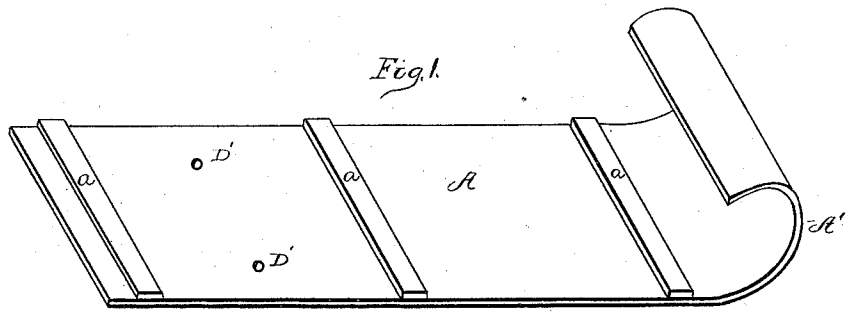


Fig. 2.

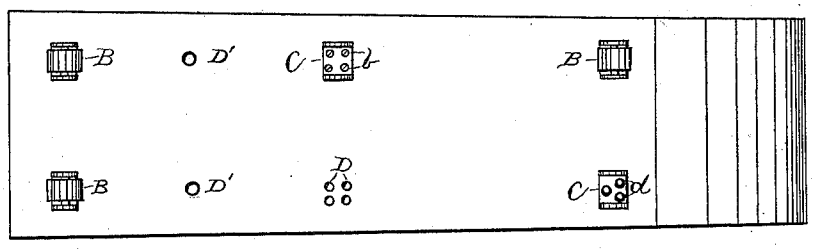


Fig. 3.

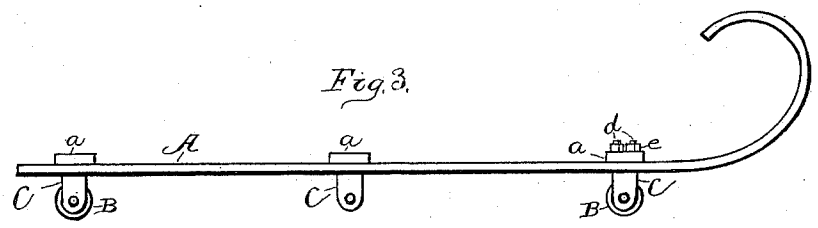
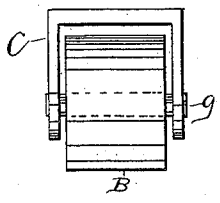


Fig. 4.



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UNITED STATES PATENT OFFICE.

CHARLES E. BABCOCK, OF TROY, NEW YORK.

TOBOGGAN.

SPECIFICATION forming part of Letters Patent No. 334,925, dated January 26, 1886.

Application filed March 20, 1885. Serial No. 159,525. (No model.)

To all whom it may concern:

Be it known that I, CHARLES E. BABCOCK, a resident of the city of Troy, in the county of Rensselaer and State of New York, 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 invention, that will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts in the several figures therein.

My invention relates to improvements in toboggans.

The object of my invention is to provide a coasting-vehicle adapted to be impelled by gravity down an incline having a non-adhesive surface, with means for attaching rollers, whereby said vehicle may be impelled in a similar manner down an incline having an adhesive surface, like that of wood.

Figure 1 of the drawings is a view in perspective of a toboggan or sled. Fig. 2 is a plan view of the bottom of the toboggan with rollers attached. Fig. 3 is a side elevation of same. Fig. 4 is a front elevation of a roller detached.

A is a toboggan or sled, constructed in the usual manner, having its forward end, A′, upwardly curved. The transverse slats *a* are secured to the board to stiffen it, any desired number being employed.

The toboggan, constructed substantially as shown in Fig. 1, is adapted and much used for coasting or sliding down inclines having non-adhesive surfaces, as ice or snow.

By attaching rollers to the bottom surface of the toboggan, as illustrated in Figs. 2 and 3, it is equally adapted for coasting or sliding down inclines having smooth adhesive surfaces, as the surface of wood, metal, or mineral, and can be used in warm seasons when snow and ice cannot be had.

The cylindrical rollers B are secured to frames or hangers C by the axles *g*, and free to turn therein. The frames are secured to the bottom surface of the toboggan by bolts *d*, passing up through apertures, as D, in the toboggan-board and braces *a*, where they may be held by nuts *e*. The apertures need not pass entirely through the toboggan, the frame C being secured thereto by screws *b*. The apertures may be located in any desired part of the toboggan, as at D′.

I am thus able to produce a new article of manufacture consisting of a toboggan adapted to slide upon snow or ice and provided with means for readily attaching and detaching rollers which permit of its use, when the rollers are attached, to coast inclines having adhesive surfaces, as that of wood.

What I claim as new, and desire to secure by Letters Patent, is—

The braces *a*, screws *b*, bolts *d*, and nuts *e*, combined on a toboggan with roller-hangers C, as and for the purpose herein specified.

In testimony whereof I have hereunto set my hand this 4th day of March, 1885.

CHARLES E. BABCOCK.

Witnesses:
GEO. A. MOSHER,
CHAS. L. ALDEN.