(No Model.)

C. GENTESSE.

TOBOGGAN.

No. 348,962. Patented Sept. 14, 1886.

Fig. 1.

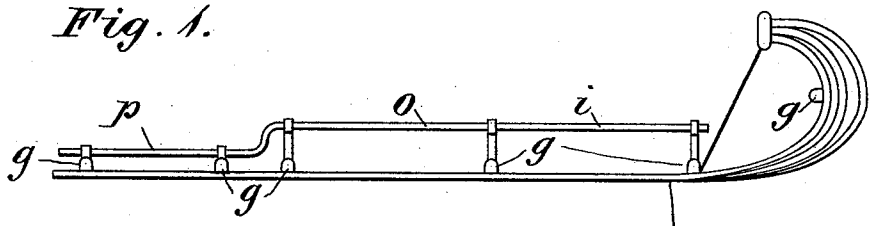


Fig. 2.

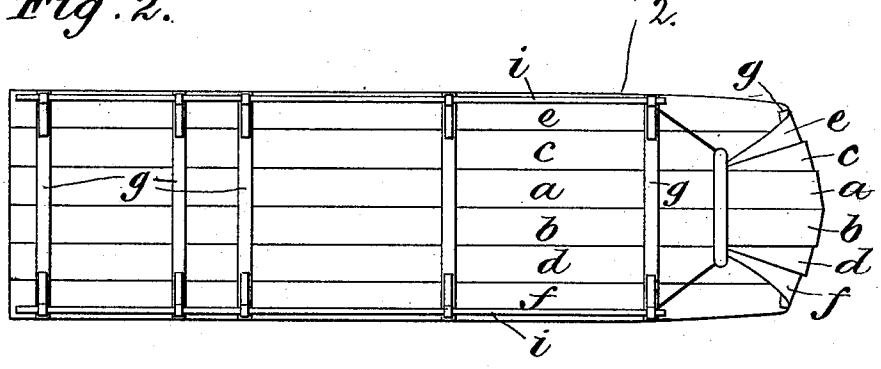


Fig. 3.

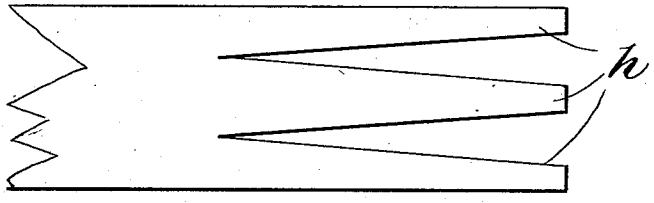
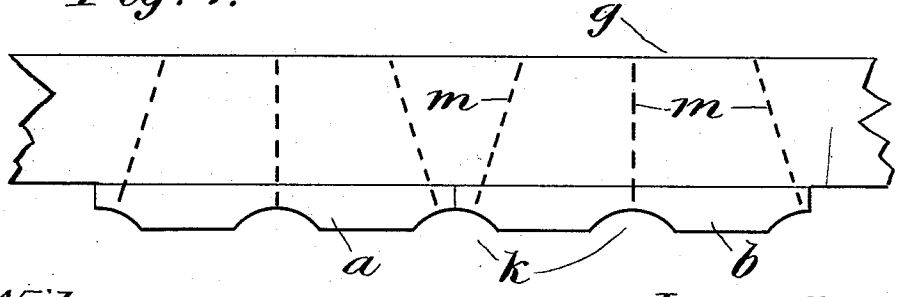


Fig. 4.



Witnesses.
A. A. Simpson.
H. Doval

Inventor
Cammille Gentesse
By his Attorney
Charles G. Simpson

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

CAMMILLE GENTESSE, OF MONTREAL, QUEBEC, CANADA.

TOBOGGAN.

SPECIFICATION forming part of Letters Patent No. 348,962, dated September 14, 1886.

Application filed July 1, 1886. Serial No. 206,822. (No model.) Patented in Canada April 14, 1886, No. 23,802.

To all whom it may concern:

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

The object of the present invention is to render toboggans more easy of being steered on slides, and less likely to be caught on the upraised sides of a slide; also, to make the curl-up at the front of the toboggan, commonly called the "hood," stronger, and other improvements, which will be hereinafter set forth in full and claimed.

In the drawings hereunto annexed, similar letters of reference indicate like parts, and Figure 1 is a side elevation of a toboggan embodying my invention. Fig. 2 is a plan of the toboggan shown in Fig. 1. Figs. 3 and 4 are details of construction.

The toboggans made according to my invention may be either formed out of one broad thin board or out of a number of narrow thin boards. As shown in Figs. 1 and 2, the toboggan is formed of six narrow boards, *a b c d e f;* but any number may be used. In this case the hood is formed by turning up the boards *a b* to the curl required and bringing the ends of the boards *c* and *d* under them, and again bringing the ends of the boards *e* and *f* under the boards *c* and *d*, thus contracting the width of the hood from about the point 2, (see Figs. 1 and 2,) and thus forming it with a convex front, or, in other words, into a portion of the periphery of a spheroid, instead of a hood in the shape of a portion of a cylinder, as heretofore. The manner of doing this is so clearly shown in Figs. 1 and 2 that no further description of it is required. This forms one of the important features of my invention.

When the toboggan is formed out of one or two broad boards, the end or ends to be formed into the hood are cut into any desired number of tongues, *h*, and then when forming the hood these are brought together substantially in the same manner as the ends of the boards in Figs. 1 and 2, thus producing in either case a hood having a double curvature, the same as shown in Figs. 1 and 2, instead of a simple single curve, as heretofore. The hood formed as above described is less liable to catch upon the banked-up sides of the slide, and should the toboggan run up on a portion of the side of the slide it will more quickly return to the lower or center part of the slide than with the hoods heretofore in use.

For persons seated on the toboggan a high rail, *i*, is an advantage, not only because it is more easy to hold by, but also because it is better calculated to keep any portion of their clothes from projecting beyond the toboggan. Such rail would be to some extent an obstruction to the person at the back that steers; therefore I make the rail *i* of two heights, *o* and *p*, the rails being either in one piece or two, as desired. In either case of making the toboggan out of one or more broad boards or a number of narrow boards I form on the under side of them any desired number of longitudinal grooves, *k*, extending through all that part of the bottom side of the toboggan that comes in contact with the slide. These form recesses *k*, in which the heads of the nails, screws, or other attachments for fastening together the longitudinals and slats *g* are situated, thus removing all danger of their scraping the slide. These fasteners are indicated by the dotted lines *m* in Fig. 4. This and the before-mentioned forming of the rail *i* of two heights are two other important features of my invention.

What I claim, and wish to secure by Letters Patent, is as follows:

1. The combination, with a toboggan, of a hood of double-curved configuration—that is to say, a hood having the configuration of a portion of the periphery of a spheroid, substantially as described.

2. The combination, with a toboggan, of rails *i*, having two heights, substantially as described.

3. The combination, with a toboggan, of a double-curved hood, rails *i*, of two heights, and grooves *k*, the whole substantially as described.

C. GENTESSE.

Witnesses:
CHARLES G. C. SIMPSON,
H. DOWAL.