(No Model.)

# A. M. MITCHELL.

## SLEIGH.

No. 278,447. Patented May 29, 1883.

FIG. 1.

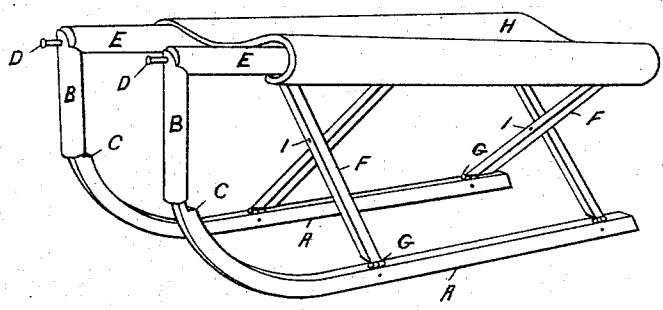
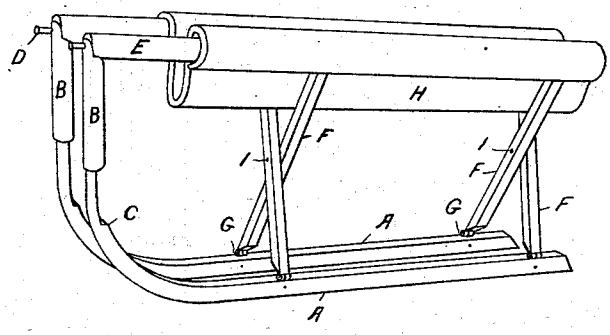



FIG. 2.




WITNESSES.

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By Munn Boardman & Atty

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

# UNITED STATES PATENT OFFICE.

ARDON M. MITCHELL, OF FORT LEE, NEW JERSEY, ASSIGNOR OF ONE-HALF TO ALEXANDER EBBES, OF SAME PLACE.

## SLEIGH.

SPECIFICATION forming part of Letters Patent No. 278,447, dated May 29, 1883.

Application filed October 11, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ARDON M. MITCHELL, of Fort Lee, in the county of Bergen, and in the State of New Jersey, have invented certain new and useful Improvements in Sleighs, of which the following is a description in such full, clear, concise, and exact terms as will enable any one skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawings, making part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 is an elevation of my improved sleigh in perspective when open, and Fig. 2 is an elevation of the same when closed or folded together.

The object of my invention is to provide a hand-sleigh capable of being folded together, so as to render it more conveniently portable than sleighs now in use.

Reference being had to the drawings, A A represent the runners of a sleigh, which at their bent ends fit into sleeves B B, in which they can move freely. The runners are provided with shoulders or other suitable projections, C C, which will furnish a check or seat on which the bottom ends of the sleeves rest when the sleigh is opened to its full width. These sleeves, at their upper ends, are pierced by pivot-pins D D, by means of which the sleeves are fastened to the side bars, E E, in such a manner that the sleeves are free to turn upon the pins as pivots. The runners and side bars are connected by cross-bars F F, each of which extend from a runner to a side bar diagonally opposite thereto, like the legs of an ordinary camp-stool, as is fully shown by the drawings. These cross-bars are connected in pairs by pivots I. They are mortised in the side bars, and are provided at their lower extremities with hinges G G, by which they are suitably fastened to the runners. The seat of the sleigh may be made of carpet, or any other suitable material which is practically flexible—as, for example, two or more boards fastened together by hinges or joints. The shoulders C C are not necessary to the practical operation of my invention; but I prefer to use them to relieve the seat of the tension it would otherwise be subjected to when the sleigh is in use.

Although my invention is designed with especial reference to hand-sleighs, it can of course be applied with equal facility to larger sleighs, if desirable.

Having thus described my invention, I claim and desire to secure by Letters Patent—

In a sleigh, the combination of the runners A A, the sleeve-joints B B, pivoted to the side bars, E E, the cross-bars F F, provided at their lower extremities with hinges G G, and the seat H, substantially as described, for the purpose specified.

ARDON M. MITCHELL.

Witnesses:
J. EDGAR BULL,
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