

(No Model.)

F. SELLE.  
Sleigh Body.

No. 238,004.

Patented Feb. 22, 1881.

Fig 1.

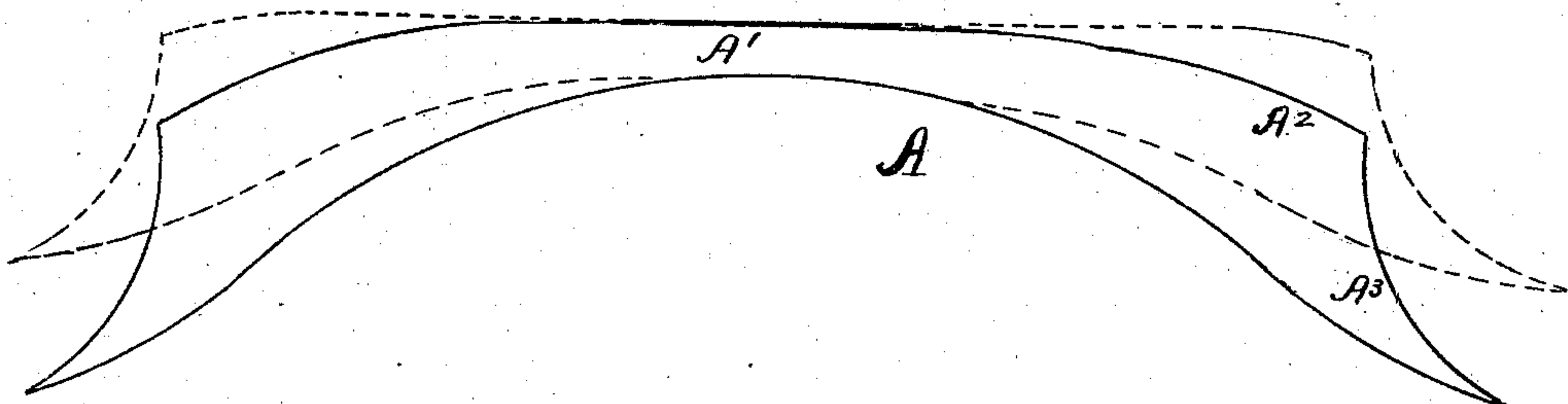


Fig 2.

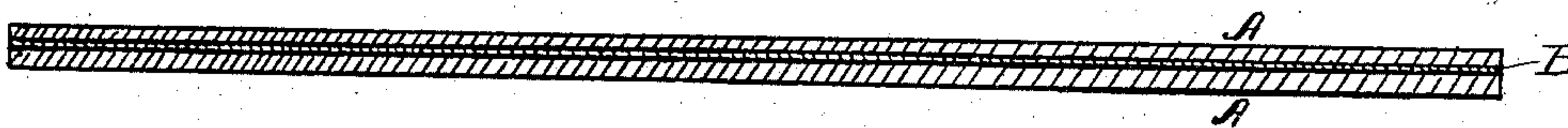
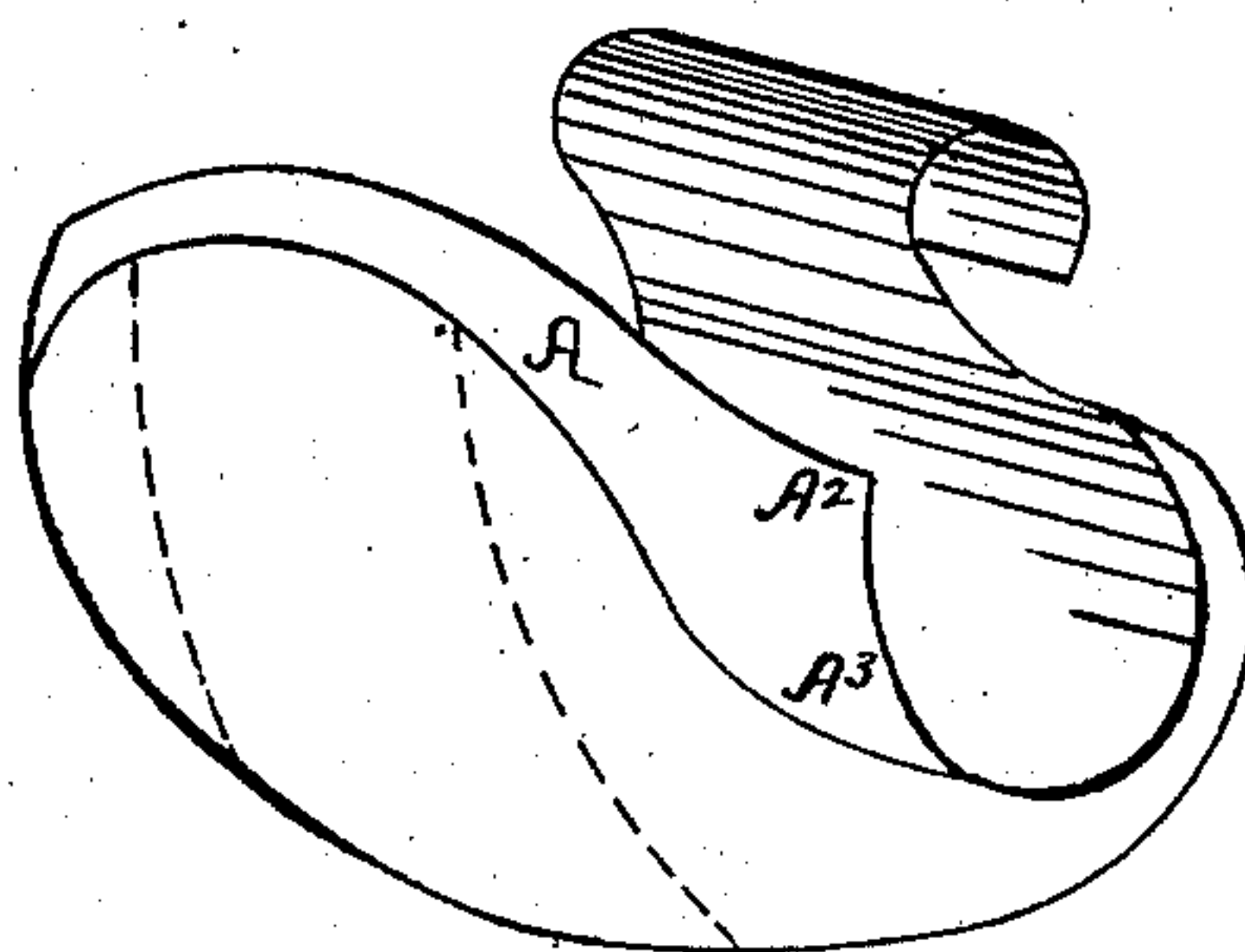


Fig 3



WITNESSES

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## SLEIGH-BODY.

SPECIFICATION forming part of Letters Patent No. 238,004, dated February 22, 1881.

Application filed January 22, 1881. (No model.)

*To all whom it may concern:*

Be it known that I, FERDENAND SELLE, of Detroit, county of Wayne, State of Michigan, have invented a new and useful Improvement in Sleigh-Bodies; and I do hereby declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings, which form a part of this specification.

My invention consists in making in a single piece, bent upon a suitable form, that portion of a sleigh-body which constitutes the back and side arms of the seat and extending down to the bottom of the sleigh-body beside the seat; also, in making the said part of a sleigh-body in two pieces of equal dimensions throughout glued together with a piece of canvas between them.

In the drawings, Figure 1 is a plan view of a piece as it would appear when removed from the sleigh-body and developed into its original flat condition; Fig. 2, a sectional view through the same, and representing it as made in two parts glued together. Fig. 3 represents a sleigh-body with the said piece in position, and illustrating its relative dimensions with respect to the other parts.

Heretofore this part in a sleigh-body has been made either in two parts joined at the back or in three parts, consisting of a back and two side pieces joined at the rear corners; but owing to the breadth of board required for the purpose of cutting therefrom such a pattern, as is shown in Fig. 1, it has not been made in a single piece. I propose to make it in a single piece, and I overcome the difficulty as to the breadth of board required by starting with a pattern like that represented by dotted lines in Fig. 1. I then, in a suitable bending-machine and upon a suitable form, bend the central portion, A', edgewise to the extent represented by full lines in Fig. 1, at the same time bringing the board about the form, which gives to it the proper shape as well as the proper bulge at the sides to conform to the curve and swell of the sleigh-body.

A represents the part which constitutes the subject-matter of my invention. A' is its cen-

tral portion, which is bent down edgewise as well as in the direction around the seat. A<sup>2</sup> are the side arms, and A<sup>3</sup> the portion which projects downward below the seat, forming the swell of the body, and terminating at or near the bottom of the sleigh-body, as shown. By making the said part all in a single piece a better finish is made for the sleigh-body, there being no joints to crack and mar the general appearance. Moreover it is apparent that my method of bending the board edgewise enables me to procure the requisite pattern from a board much narrower than would be required if the edgewise bend had not been made, and at the same time the liability of slivering or splitting along the top edge, which would be incident to a board cut primarily to the form shown in the full lines in Fig. 1, in which the grain would run out at the edges, is avoided.

Instead of making the part A of a single piece, it may be formed of two thin boards glued face to face upon an intermediate layer, B, of canvas. This may be done either before the bending operation or after, as may be desired. This construction, however, is a perfect preventive against warping or cracking, and the material is not so apt to break in bending, and this is especially true where the thin boards are bent before being glued together.

What I claim is—

1. In a sleigh-body, the part A, extending around the seat and to or near the bottom of the sleigh-body in front of the seat, formed of a single piece bent about a suitable form, substantially as described.

2. In a sleigh-body, the part A, formed in a single piece, and having the middle portion, A', bent edgewise, substantially as and for the purposes described.

3. The part A, formed of two pieces of thin boards glued face to face with an intermediate layer of canvas.

In testimony whereof I sign this specification in the presence of two witnesses.

FERDENAND SELLE.

Witnesses:

S. E. THOMAS,

WILLIAM M. PORTER.