

No. 702,306.

A. F. LAGERSTROM.  
SLED.

Patented June 10, 1902.

(Application filed May 29, 1901.)

(No Model.)

FIG. 1.

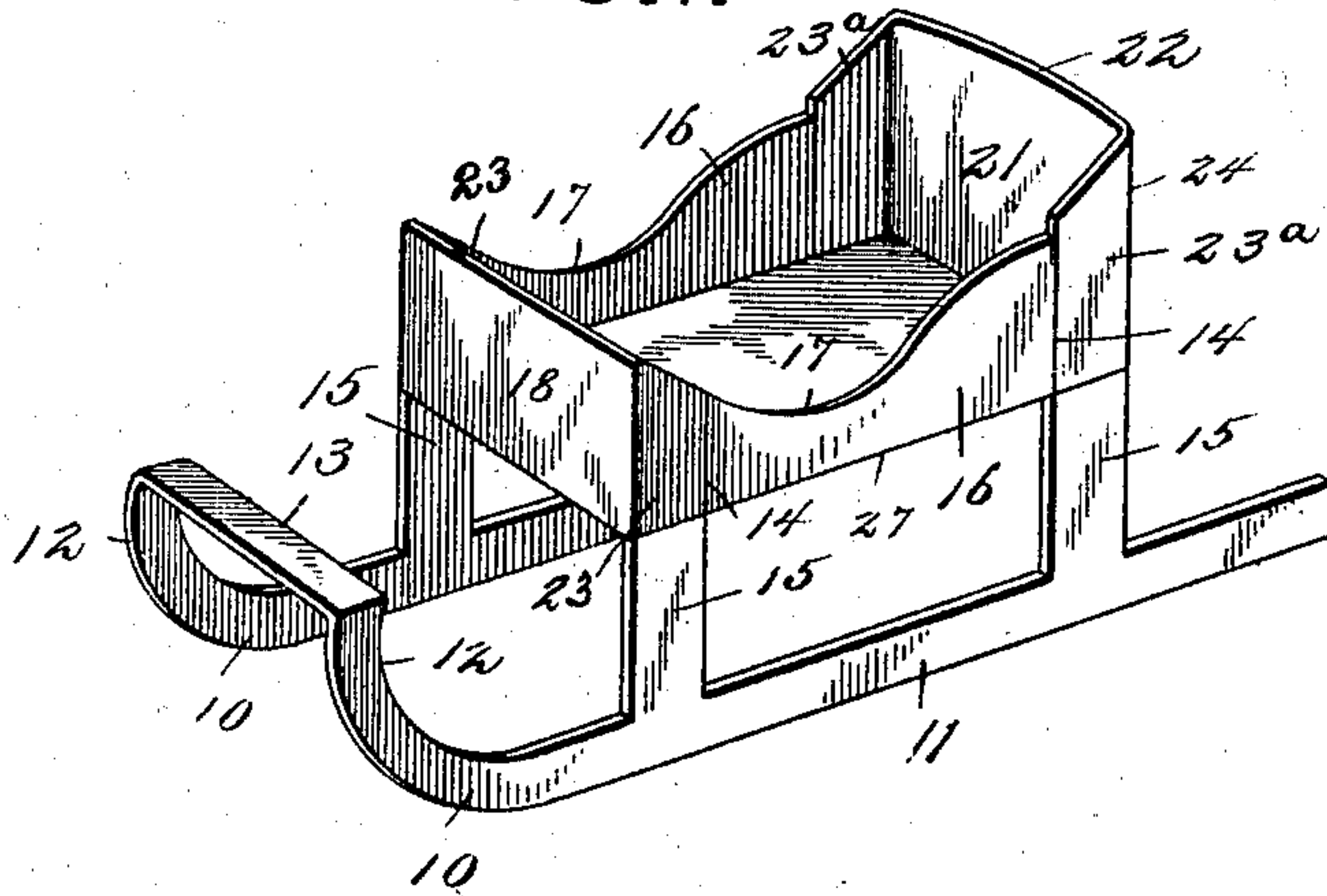


FIG. 2.

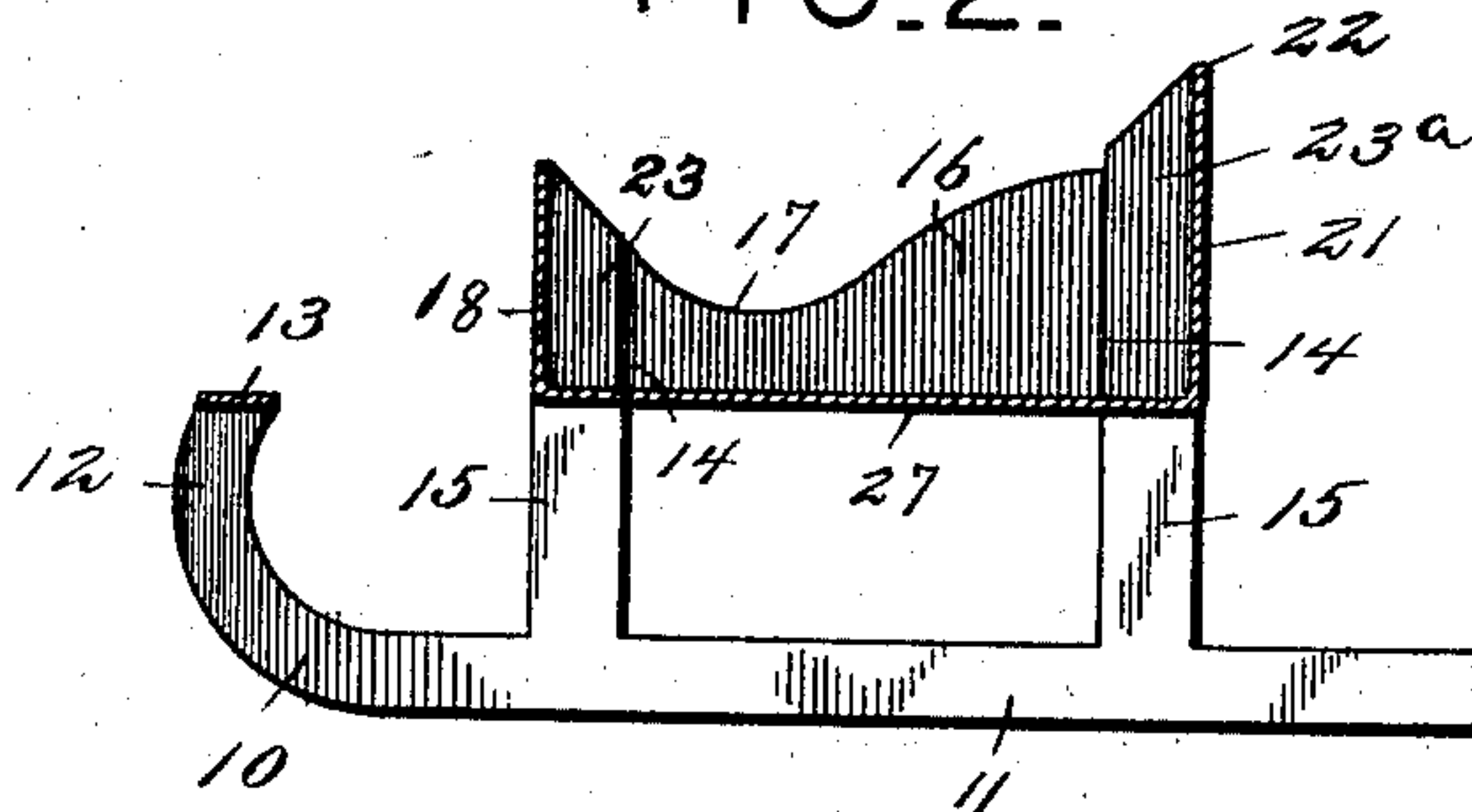
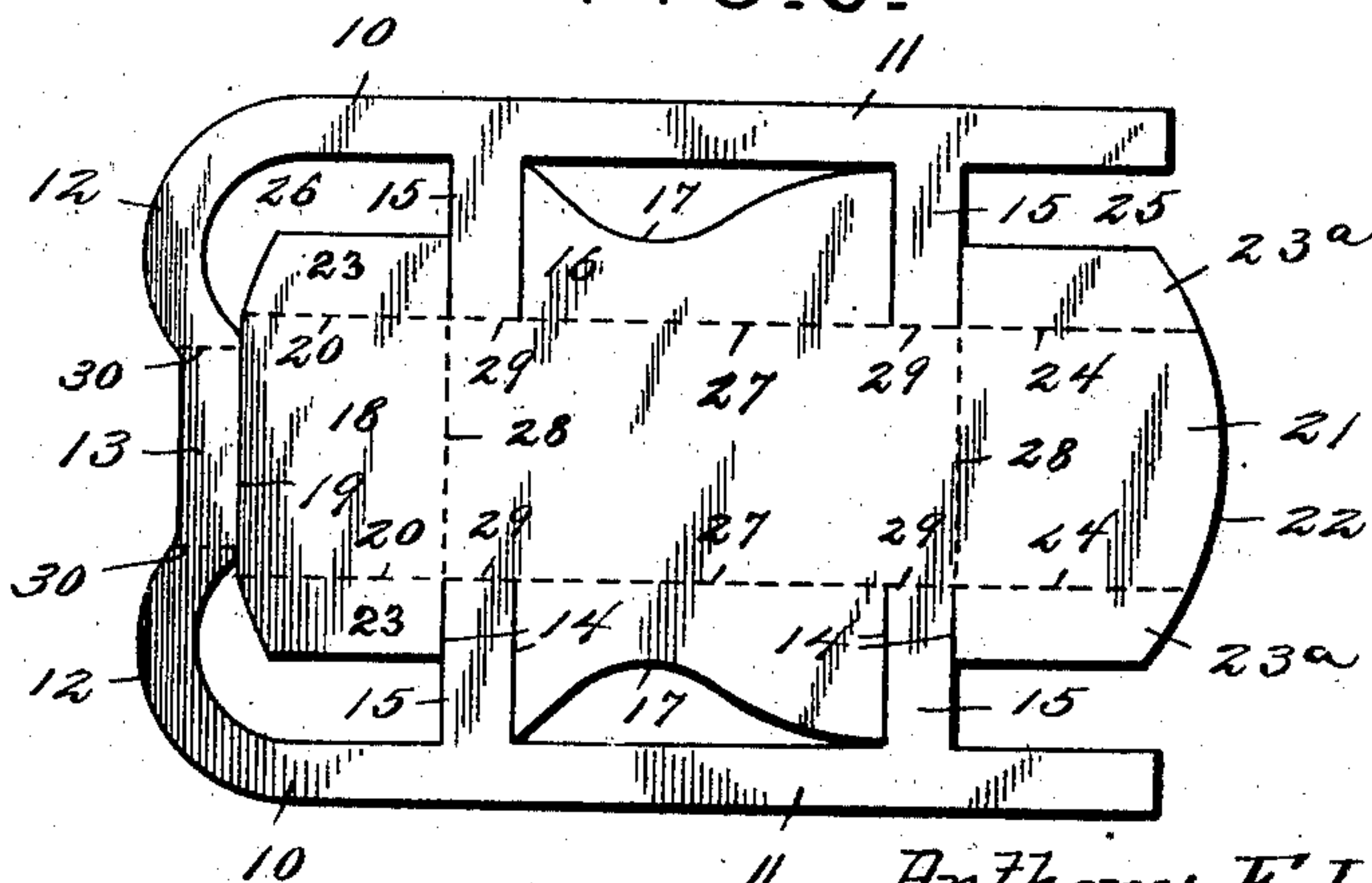


FIG. 3.



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# UNITED STATES PATENT OFFICE.

ANTHONY F. LAGERSTROM, OF CHICAGO, ILLINOIS.

## SLED.

SPECIFICATION forming part of Letters Patent No. 702,306, dated June 10, 1902.

Application filed May 29, 1901. Serial No. 62,399. (No model.)

*To all whom it may concern:*

Be it known that I, ANTHONY F. LAGERSTROM, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Sleds, of which the following is a specification.

This invention relates to toy sleds; and the object in view is to produce an improvement in those toy sleds which are produced by stamping the same as a whole from a piece of sheet metal the blank of which is cut in such manner as to form when subsequently bent along the proper lines a complete toy sled comprising runners, knees, draft-bar connecting the knees, and a rectangular body, the construction providing for the production of an economical and attractive toy in the form of a sled.

With the above object in view the invention consists in the novel construction, combination, and arrangement hereinafter fully described, illustrated, and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a toy sled constructed in accordance with the present invention. Fig. 2 is a central vertical longitudinal section thereof. Fig. 3 is a plan view of the U-shaped blank from which the toy sled is formed, illustrating the cuts in full lines and the folds in dotted lines.

Like numerals of reference denote like parts in all figures of the drawings.

The toy sled is formed of a U-shaped piece of sheet material, which preferably consists of metal, although, if desired, cardboard or other material in sheet form may be utilized. A piece of material of a size proportionate to the size of the completed sled is cut along the margin on the lines 10 to form the lower edges of the runners 11, the same being rounded at the front to form the upwardly-curving front portions 12 of such runners, which are connected by a flat cross-bar 13, forming the draft-bar of the sled. The cuts 14 are extended transversely of the blank to form the vertical sled-knees 15 and also to partly form the side, front, and back sections of the rectangular body, the side sections 16 being cut

away at their outer edges, as at 17, to give an ornamental curvature to the sides of the body when folded.

The front body-section 18 is separated by a transverse cut 19 from the draft-bar 13 and extended far enough at each side or end to form the wings 23 of the same width as the knees, which are folded on the lines 20 to extend backward and meet the front edges of the side body-sections 16 when the blank is folded. The rear body-section 21 is rounded at its rear edge, as at 22, to form a curved back for the body of the sled and is also extended at opposite sides to form forwardly-extending wings of the same width as the knees 23<sup>a</sup> when bent upon the longitudinal and parallel lines 24. Portions of the blank are cut away at 25 to complete the formation of the rear portions of the runners 11, and other portions are removed, as shown at 26, to complete the formation of the forward portions of the runners.

After the blank has been cut in the manner described, and clearly illustrated in Fig. 3, the side body-sections 16 are folded upward on the parallel longitudinal lines 27 and the front and rear body-sections folded upward on the parallel transverse lines 28, the wings 23 23<sup>a</sup> being folded toward the side body-sections, so as to meet on a vertical line edge to edge flush therewith, thus closing the openings formed by the cutting out of the knees between the sides and wings of the ends. The runners 11 and the knees 14 are then folded downward on the lines 29 and 30. This brings the folded blank into the condition illustrated in Figs. 1 and 2, which show the completed sled.

The construction disclosed produces an economical and attractive toy in the form of a sled equipped with runners, knees, body, and draft-bar, and may be made from a perfectly flat blank or piece of sheet material of any character. The blanks may be sold on the market simply marked with directions for cutting and folding, or the cuts or both the cuts and folds may be made so that the blanks may be economically packed and shipped and subsequently folded by the retailer or purchaser.



Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

5 A toy sled constructed from a U-shaped blank, with runners, a flat cross-bar connecting the forward ends of the runners, vertical knees, and a rectangular body surmounting the knees formed with upwardly-folded side portions and with vertically-folded end portions having inwardly-folded wings of the  
10 same width as and located over the knees

and meeting the sides on vertical lines edge to edge and flush therewith whereby the openings formed by the formation of the knees, side portions and wings are closed.

In testimony whereof I affix my signature in presence of two witnesses.

15

ANTHONY F. LAGERSTROM.

Witnesses:

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JOHN S. LEDDY.