

D. G. HAMMOND.
FOLDING SLED.
APPLICATION FILED MAR. 5, 1912.

1,040,193.

Patented Oct. 1, 1912.

2 SHEETS-SHEET 1.

Fig. 1

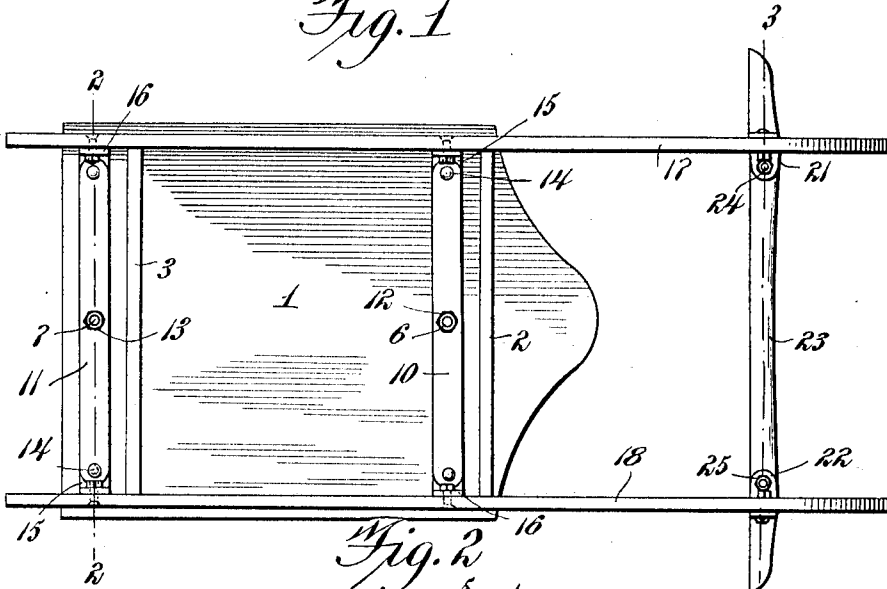


Fig. 2

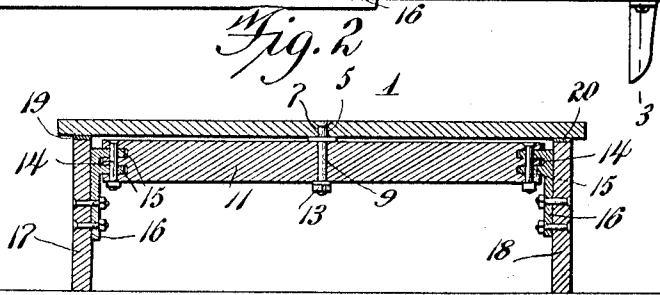
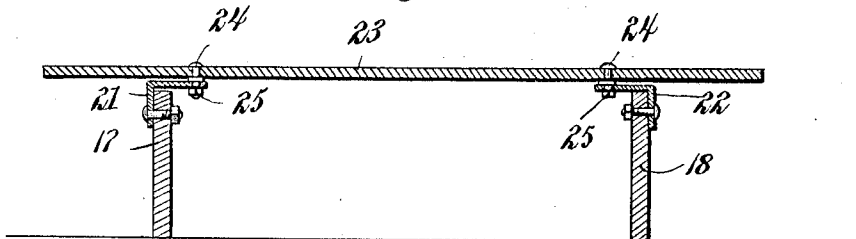


Fig. 3



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2 SHEETS—SHEET 2.

Fig. 4

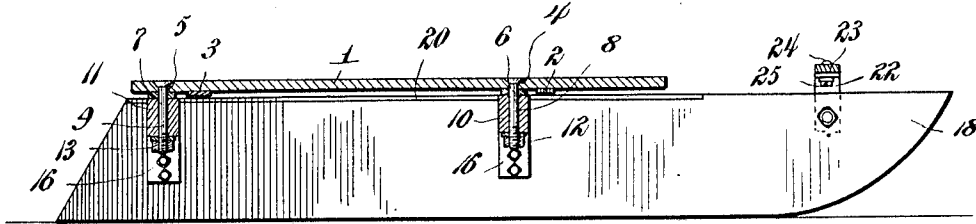


Fig. 5

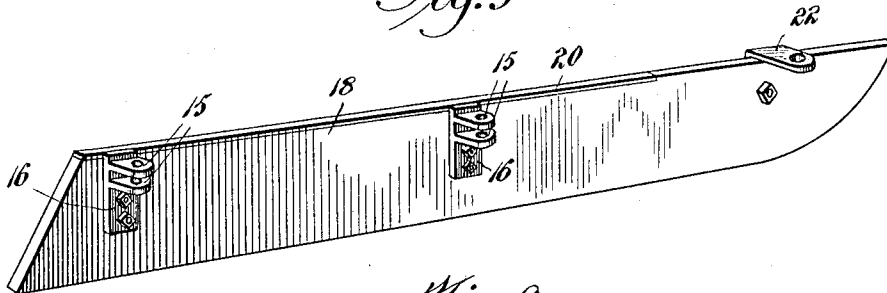
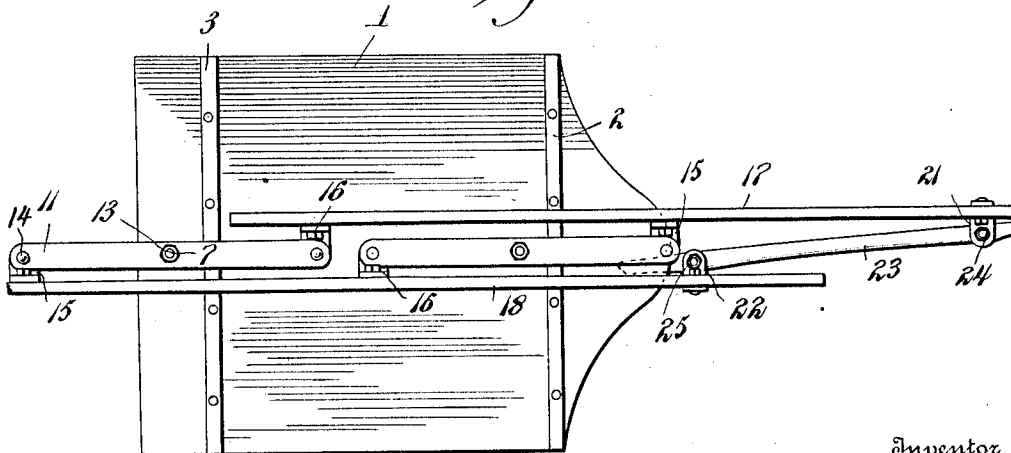


Fig. 6



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UNITED STATES PATENT OFFICE.

DAVID G. HAMMOND, OF WHITINSVILLE, MASSACHUSETTS.

FOLDING SLED.

1,040,193.

Specification of Letters Patent.

Patented Oct. 1, 1912.

Application filed March 5, 1912. Serial No. 681,766.

To all whom it may concern:

Be it known that I, DAVID G. HAMMOND, a citizen of the United States, residing at Whitinsville, in the county of Worcester and State of Massachusetts, have invented new and useful Improvements in Folding Sleds, of which the following is a specification.

The present invention relates to improvements in sleds.

In carrying out my invention I propose to construct a sled having its top or body provided with transversely arranged pivoted members, the said members being loosely or pivotally connected with the runners of the sled, whereby the runners of the sled may be folded one upon the other so that the said sled may be easily carried.

I also aim to provide a sled having loosely connected runners so as to provide what may be termed a flexible sled, the runners of which being provided with reinforcing elements having flanges or ears which are pivotally connected with transversely arranged bars, the said bars, in turn being centrally pivotally secured upon the top member or body of the sled.

With the above recited objects in view and others of a similar nature which will be more apparent as the nature of the invention is developed, the improvement resides in the novel construction, combination and arrangement of parts set forth in and falling within the scope of the appended claim.

In the drawings, Figure 1 is a bottom plan view of a sled constructed in accordance with the present invention. Fig. 2 is a transverse sectional view upon the line 2—2 of Fig. 1. Fig. 3 is a similar sectional view upon the line 3—3 of Fig. 1. Fig. 4 is a longitudinal sectional view taken centrally through the sled. Fig. 5 is a detail perspective view of one of the runners. Fig. 6 is a bottom plan view showing the runners folded under the bottom of the sled.

Referring now to the drawings in detail the numeral 1 designates the top or body of the sled. This top is preferably constructed of wood and comprises a substantially rectangular member. The top is provided adjacent the front and rear portion thereof, and upon its under face with transversely arranged continuous reinforcing and bearing plates 2 and 3. The top is further provided adjacent the said bearing plates with suitable openings 4 and 5, the said openings

being counter sunk upon the upper face of the top and being adapted for the reception of suitable bolts 6 and 7. These bolts are adapted to pass through the centrally arranged openings 8 and 9 provided in transverse bars 10 and 11 and the projecting ends of the bolts are adapted to receive suitable nuts 12 and 13. The bars 10 and 11 are of a length slightly lesser than the width of the top 1 and the said bars, adjacent their ends are each provided with recessed portions so that the said bars are formed at the ends each with a central tongue and with an upper and a lower tongue. All of the tongues are provided with registering openings, the said openings being adapted for the reception of pivot members 14, the said pivot members adapted to engage with openings provided in the spaced offset ears 15 which are integrally formed with reinforcing plates 16. These plates 16 are secured in any desired or preferred manner upon the inner faces of the sled runners 17 and 18. The runners may be constructed of any desired or preferred material, and the said runners have their upper faces at the portions thereof which underlie the top 1 provided with bearing strips 19 and 20. The runners may be provided with suitable shoes and the upper edges of the runners adjacent their ends are provided with L-shaped brackets 21 and 22. One of the arms of each of these brackets is extended inwardly toward the opposite runner and these extending portions are provided with suitable openings.

The numeral 23 designates the foot rest for the sled. This foot rest comprises a substantially rectangular element which is of a length greater than the distance between the runners when the said runners are in their spread position as illustrated in Fig. 1. The foot rest 23 is provided with spaced openings which are adapted to register with the openings in the brackets, and all of these openings are adapted to receive suitable pivots such as bolts 24 which are retained upon the brackets through the medium of nuts 25. The space between the pivots 24 equals the space between the pivots which connect the runners to the pivoted members 10 and 11 and from the above description taken in connection with the accompanying drawing it will be noted that the runners may be readily swung to a folded position as illustrated in Fig. 6 of the

drawing by merely compressing the said runners one toward the other.

Having thus described the invention what I claim is:—

- 5 A sled including a top, centrally pivoted bars normally arranged transversely of the top, runners, reinforcing members for the runners, said members being formed with offset ears and being pivotally connected
10 with the opposite ends of the transverse

bars, and a foot rest pivoted to each of the runners and having its ends extended beyond its pivots and beyond the sides of the runners.

In testimony whereof I affix my signature 15 in presence of two witnesses.

DAVID G. HAMMOND.

Witnesses:

SAMUEL A. MURRAY,
ARTHUR E. MURRAY.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
