

SLEIGH BRAKE.

983,376.

2 SHEETS—SHEET 1.



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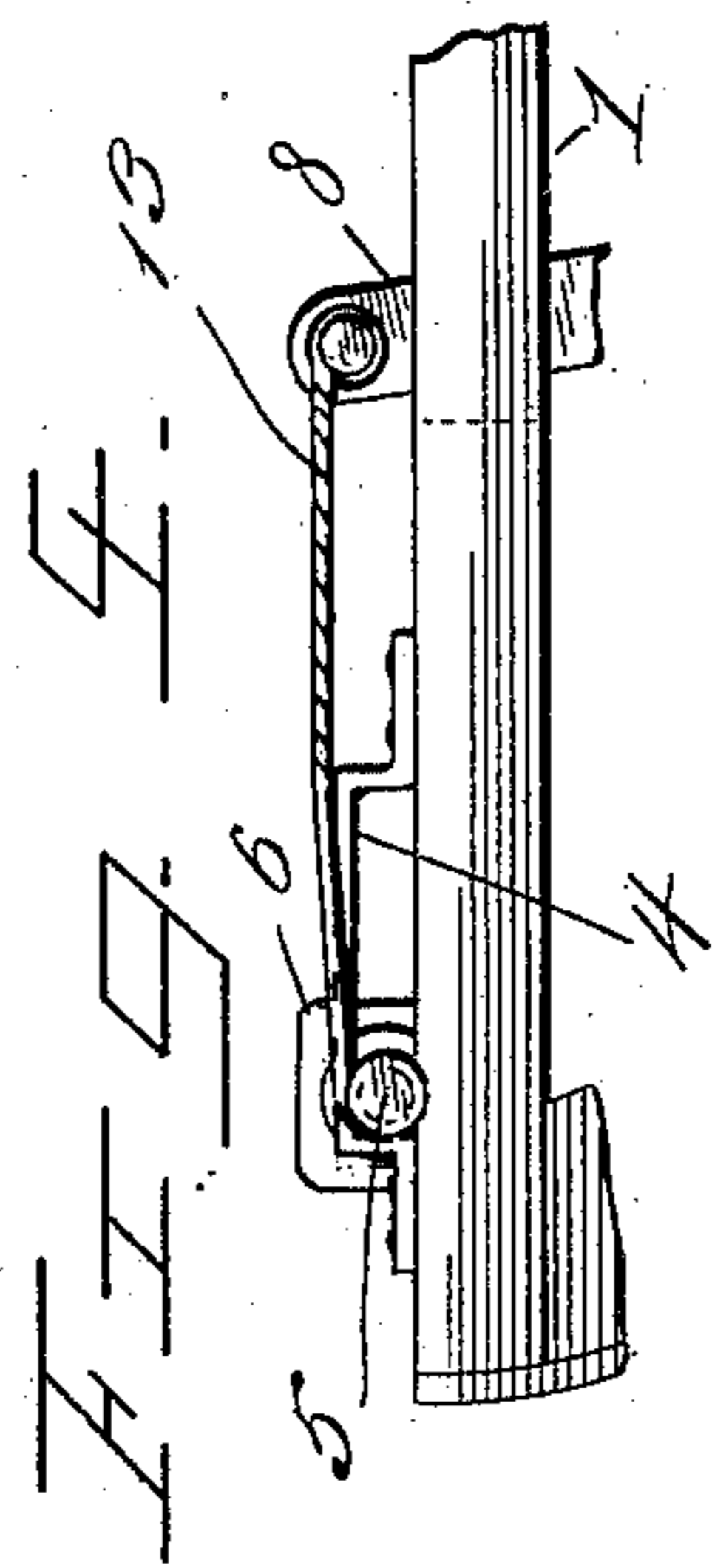
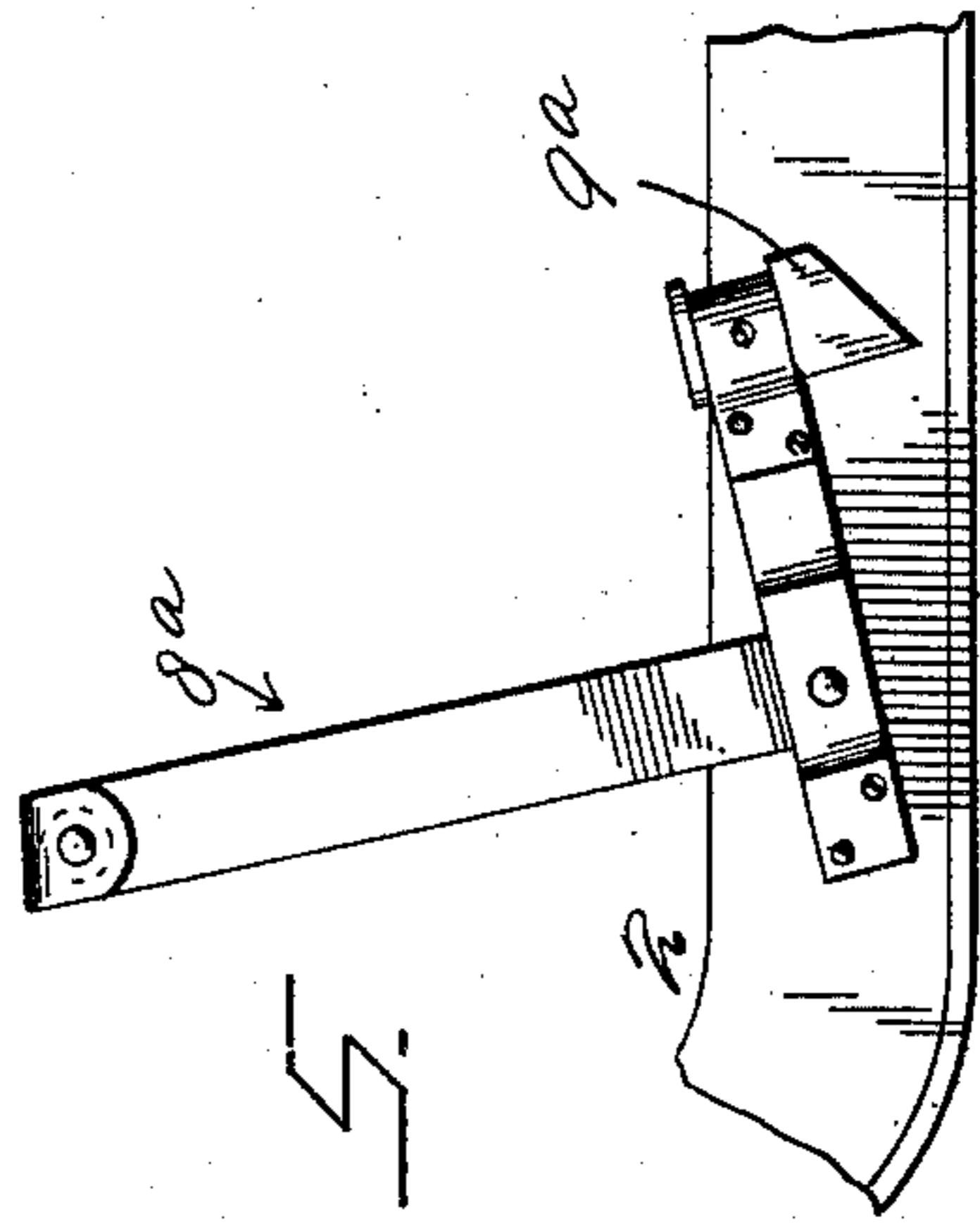
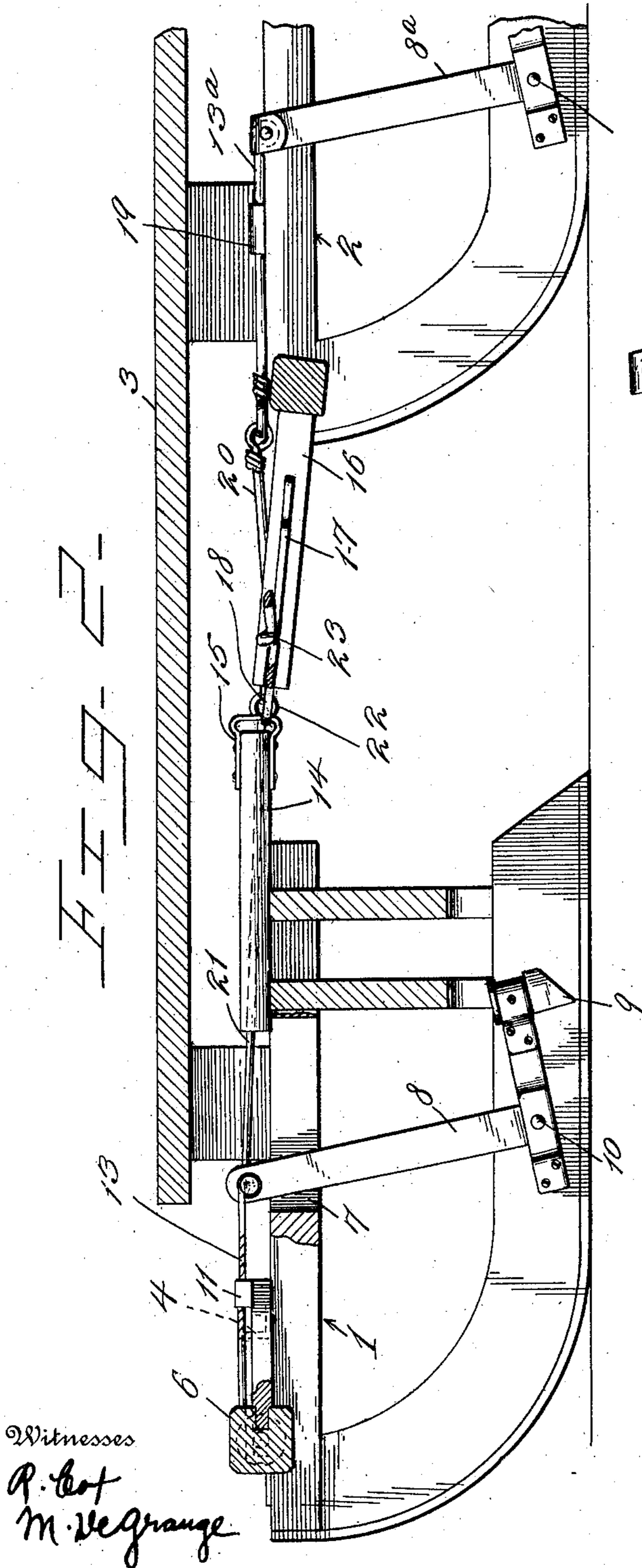
SLEIGH BRAKE.

APPLICATION FILED NOV. 5, 1910.

983,376.

Patented Feb. 7, 1911

2 SHEETS-SHEET 2.



Witnesses

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UNITED STATES PATENT OFFICE.

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SLEIGH-BRAKE.

983,376.

Specification of Letters Patent.

Patented Feb. 7, 1911.

Application filed November 5, 1910. Serial No. 590,934.

To all whom it may concern:

Be it known that I, EPHRAIM M. LAMORA, a citizen of the United States, residing at Moffittsville, in the county of Clinton and State of New York, have invented a new and useful Sleigh-Brake; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

The invention relates to sleigh brakes and has for its object to provide a device of this character adapted to be applied to sleighs comprising two sections whereby the brakes of both sections may be applied by the movement of a single member.

With these and other objects in view, which will hereinafter more fully appear, the invention consists in the novel construction and arrangement of parts described and shown and particularly pointed out in the appended claim.

In the drawings, Figure 1 is a plan view of a portion of a sleigh constructed in accordance with this invention. Fig. 2 is a longitudinal sectional view. Fig. 3 is a plan view of one of the sides of the rear section. Fig. 4 is a detail view of the actuating member. Fig. 5 is a side elevation of one of the brakes.

This invention is designed to be applied particularly to what is known as sleds whereby children collecting in numbers on a sled can steer it down an incline. However, it will be understood that this invention can also be applied to sleighs drawn by animals and the like.

Referring to the drawings, 1 and 2 designate the front and rear sections of my sleigh and, if desired, a top or covering 3 can be employed, as shown in Fig. 2 of the drawings.

The front section 1 is provided with keepers 4, through which extend the outer projections 5 of the head or actuating member 6. The front member 1 is provided with a slot 7 on either side thereof, through which extends an upright member 8 having an L-shaped downwardly projecting member 9 which is pivoted, as at 10. The head member 6 is provided with a cross piece or grip

11 designed to enable the same to be conveniently operated.

The upper ends of the member 8 are connected by a transverse member 12 designed to aid in the evenness and uniformity of action, and also to afford the convenient means for connection with rods or members 13 which connect with the reduced portion 5 of the cross member 6.

The rear part of the front section is provided with a rigid block 14, to which is secured a clevis or U-shaped member 15. The front portion of the rear section 2 is provided with a forwardly extending projection 16, which is provided with guide rods 17 on either side thereof, which unite and form a suitable engaging portion 18 for the clevis 15. The rear brakes 8^a are also provided with downwardly extending projections or digging portions 9^a and operate in a similar manner to those of the front section.

The rear brakes are provided with horizontal rods 13^a disposed in guides 19 on either side of the rear section of said sleeve. The rods 13^a are connected with the rods 13 of the front section by links 20 and 21 which are connected together, as at 22. The links 20 are provided with loops 23 which encircle the guides 17.

It will be seen that as the actuating or head member 6 is moved rearwardly, the diggers or projections 9 and 9^a are simultaneously inserted in the ground, snow or ice over which the sleigh is passing.

Having thus described the invention, what I claim is:—

In a sleigh of the class described, front and rear sections, said rear section being provided with guide rods connecting with the forward section, links having loops surrounding said guide rods and connecting the mechanisms of the front and rear brakes, and means for actuating said brakes simultaneously.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EPHRAIM M. LAMORA.

Witnesses:

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