

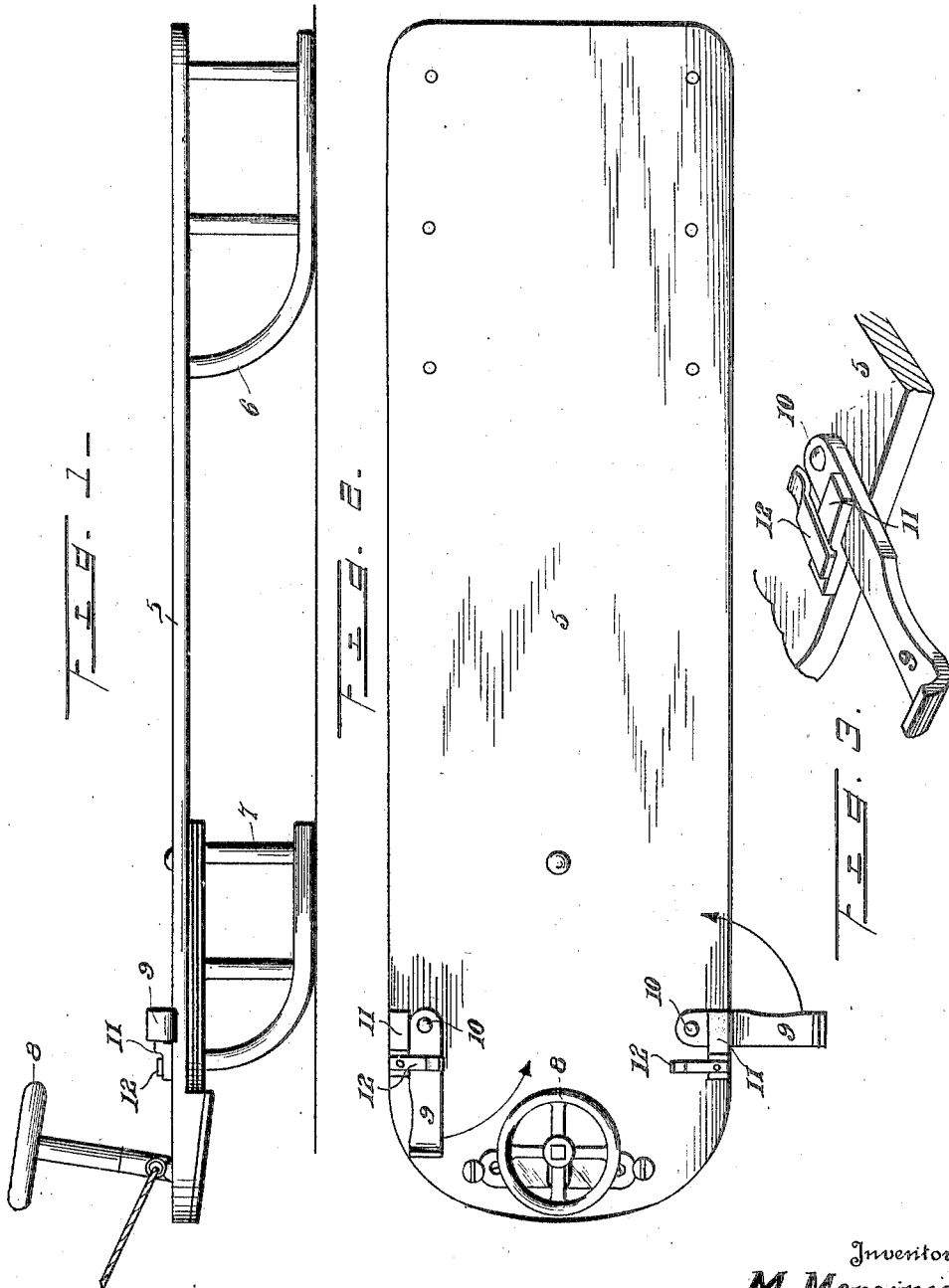
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M. MARCINIAK

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OCCUPANT STEERED SLED

Original Filed May 23, 1921



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UNITED STATES PATENT OFFICE.

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OCCUPANT-STEERED SLED.

Original application filed May 23, 1921, Serial No. 471,644. Divided and this application filed November 23, 1921. Serial No. 517,255.

To all whom it may concern:

Be it known that I, MICHAEL MARCINIAK, a citizen of Poland, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Occupant-Steered Sleds, of which the following is a specification.

This invention relates to certain new and useful improvements in occupant steered sleds and more particularly in improved foot rests for occupant steered sleds, the present application being a division of my copending application, Serial No. 471,644 filed May 23, 1921, upon occupant steered sleds.

The primary object of the invention is to provide a simple arrangement of foot supporting elements or foot rests which may be swung and maintained in operative or inoperative position at will.

Other objects will appear as the nature of the invention is better understood and the same consists in the novel form, combination and arrangement of parts hereinafter more fully described in connection with the accompanying drawing and in which like characters of reference indicate similar parts throughout the views.

In the drawing,
Figure 1 is a side elevational view of a sled equipped with foot rests in accordance with the present invention,

Figure 2 is a top plan view thereof with one of the foot rests operatively disposed and the other inoperatively disposed, and

Figure 3 is a fragmentary perspective view showing one of the foot rests and means for retaining the same in its operative and inoperative positions.

Referring more in detail to the several views, the present invention is shown applied to a sled which embodies a flat platform 5 of elongated form having rear rigid runners 6 and a front steering unit including runners 7 with means such as a hand wheel 8 for operating said steering means.

At each side of the platform 5 adjacent the steering wheel but slightly rearwardly of the latter is arranged a foot rest 9, each foot rest being pivoted at one end on the upper surface of the platform 5 upon a vertical axis as at 10 for horizontal swinging movement so that the same may be brought within the plane of the side edges

of the platform 5 when not required for use or so that said foot rest may be swung outwardly to extend in a transverse direction beyond the side edges of said platform when required for use.

Suitable stops 11 are fixed upon the upper surface of the platform 5 for preventing swinging of the foot rests forwardly beyond a point wherein said foot rests are substantially at right angles to the longitudinal axis of the platform 5, and clips 12 are fastened upon the stops 25 so that the foot rests may snap thereunder when moved to inoperative position, the clips being preferably arranged so as to engage the foot rests when the latter are in forwardly extending position with their longitudinal axes substantially parallel with the longitudinal axis of the platform 5, in which position the foot rests also contact the stops 11.

As the foot rests are not required when the sled is employed with the occupant in other than a sitting posture, the same may be swung rearwardly and inwardly from the position shown with respect to the left hand foot rest in Figure 2 to that shown with respect to the right hand foot rest in the same figure. When this is done, each foot rest will ride under a clip 25 whereby the same is effectively held in inoperative position limited by the stop 11. When required for use, the foot lever may be swung rearwardly and outwardly from beneath the clips 12 so as to ride under the overhanging lips of the stops 11 which limit the outward swinging movement of the foot rests to the position shown with respect to the left hand foot rest in Figure 2.

From the foregoing description, it is believed that the construction and operation of the present invention as well as the advantages thereof will be readily understood and appreciated by those skilled in the art.

Minor changes may be made without departing from the spirit and scope of the invention as claimed.

What is claimed as new is:

1. In a sled, an elongated flat runner carrying platform, foot rests hinged on the upper surface of said platform adjacent its forward end for horizontal swinging movements to inoperative positions within the plane of the longitudinal edges of said platform and to operative positions outwardly

beyond said edges substantially at right angles to the longitudinal axis of the platform, stops on the upper surface of the platform for limiting the outward swinging of
5 said foot rests, said stops being located in the path of said foot rests to limit movement of the foot rests inwardly to their inoperative positions, with the foot rests extending forwardly substantially parallel
10 with the longitudinal axis of the platform, and clips for releasably retaining the foot rests in their inoperative positions.

2. In a sled, an elongated flat runner carrying platform, foot rests hinged on the
15 upper surface of said platform adjacent its forward end for horizontal swinging movements to inoperative positions within the

plane of the longitudinal edges of said platform and to operative positions outwardly beyond said edges substantially at right
20 angles to the longitudinal axis of the platform, stops on the upper surface of the platform for limiting the outward swinging of said foot rests, said stops being located in the path of said foot rests to limit movement
25 of the foot rests inwardly to their inoperative positions, with the foot rests extending forwardly substantially parallel with the longitudinal axis of the platform, and clips for releasably retaining the foot rests in
30 their inoperative positions, said clips being mounted upon said stops.

In testimony whereof I affix my signature.
MICHAEL MARCINIAK.