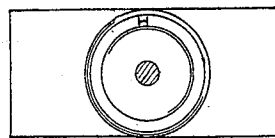
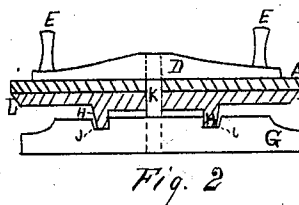
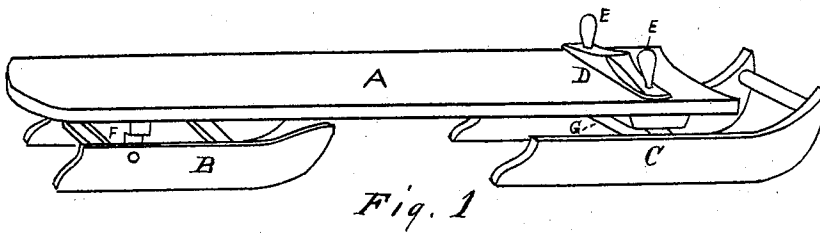


I. N. FOSTER.

Sleds.

No. 150,145.

Patented April 28, 1874.



WITNESSES,
H. E. Metcalf,
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UNITED STATES PATENT OFFICE.

ISAAC N. FOSTER, OF HANSON, MASSACHUSETTS.

IMPROVEMENT IN SLEDS.

Specification forming part of Letters Patent No. **150,145**, dated April 28, 1874; application filed March 25, 1874.

To all whom it may concern:

Be it known that I, ISAAC N. FOSTER, of Hanson, in the county of Plymouth, State of Massachusetts, have invented a certain new and useful Improvement in Coasting-Sleds, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is an isometrical perspective view of my improved sled. Fig. 2 is a vertical lateral section taken through the center of the cross-bar D, Fig. 1; and Fig. 3, a view of the circle or rocker.

Like letters refer to like parts in the different figures of the drawing.

My invention relates to that class of sleds which are used in coasting, and consists in a novel construction and arrangement of the parts, as hereinafter more fully set forth and claimed, by which a sled is produced which can be steered more readily than those now in common use.

The extreme simplicity of my invention renders an elaborate description unnecessary.

In Figure 1, A is the platform; B C, the bobs or runners; D, the cross-bar provided with the hand-pins or steerers E E. The runners B are attached to the rocker F in such a manner as to have a rocking vertical motion, but no lateral movement. The runners C are connected near the center by the rocker-bar G, Fig. 2, which bar is provided with the cuts or grooves J J, in which the circular flange H H of the rocker L rests. Passing loosely through the platform A and bar L there is a

pin or bolt, K, the upper end of which is fast in the bar D, and the lower end fast in the bar G.

From the foregoing the nature and operation of my invention will be readily understood by all conversant with such matters.

It is well-known that boys in coasting usually lie at length, face downward, and steer the sled by means of the foot dragging behind after the manner of a rudder, or by suddenly lifting the forward part of the sled and throwing it around in the direction it is desired to go. The first-named method rapidly destroys boots and shoes, and the last is an inconvenient and difficult operation. My invention is designed to obviate these objections, and enable the boy to have perfect control of the sled without destroying the boots, or being under the necessity of lifting the sled every time a change in the course is made.

The bar D being firmly attached to the runners C, through the pin K, it will be seen that, by means of the handles E E, the runners may be readily turned and the sled steered in any desired direction with the greatest ease.

Having thus described my invention, what I claim is—

The coasting-sled, having two sets of runners, the rear set being hinged so as to have a vertical rocking motion, and the forward set being attached to the bolt K, passing loosely through the platform A, and having the bar D, provided with the handles E E, at its upper end, all combined substantially as and for the purpose specified.

ISAAC N. FOSTER.

Witnesses:

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DESIRE S. GURNEY.