H. C. HUNT.

Sled.

No. 44,727. Patented Oct. 18, 1864.

Fig. 1.

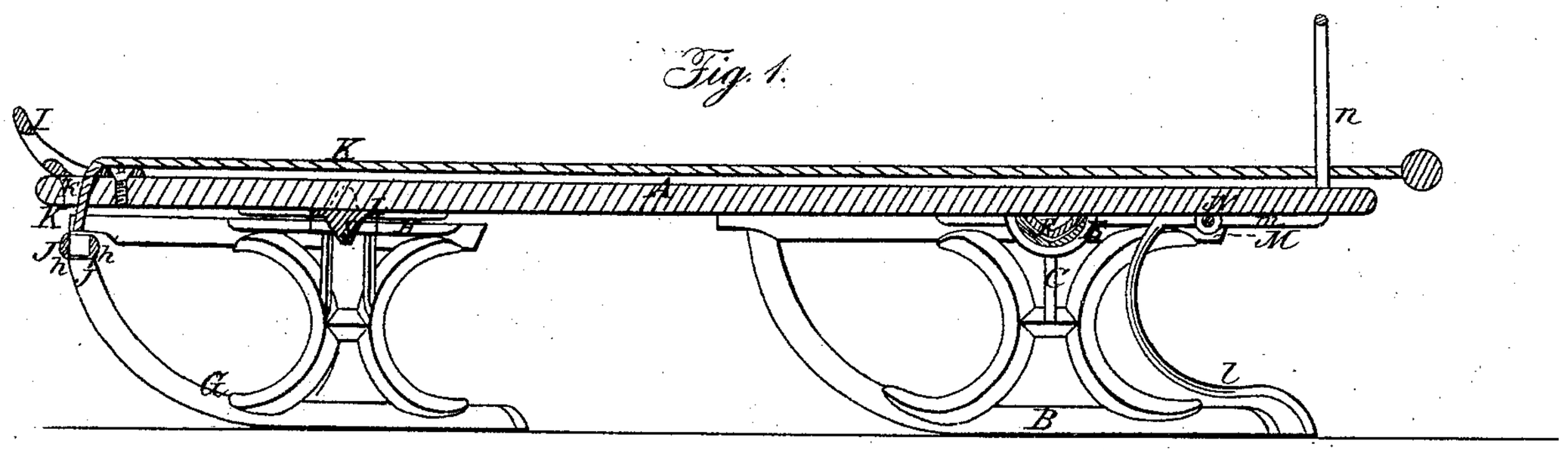
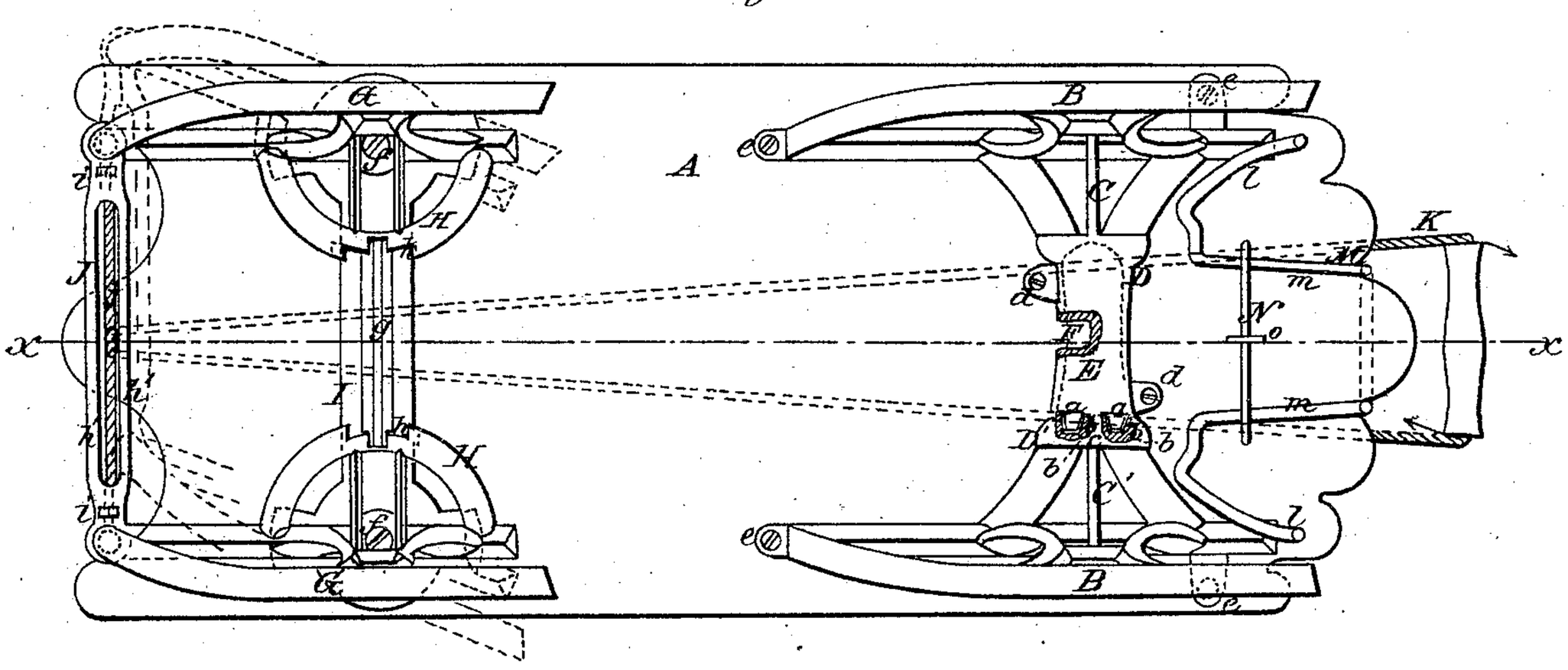


Fig. 2.



Witnesses:

C. L. Tolliff

Henry Morris

Inventor:

H. C. Hunt

per Munn & Co

attorneys

UNITED STATES PATENT OFFICE.

H. C. HUNT, OF AMBOY, ILLINOIS.

IMPROVEMENT IN SLEDS.

Specification forming part of Letters Patent No. **44,727,** dated October 18, 1864.

To all whom it may concern:

Be it known that I, H. C. HUNT, of Amboy, in the county of Lee and State of Illinois, have invented a new and Improved Sled; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side sectional view of my invention taken in the line *x x*, Fig. 2; Fig. 2, an inverted plan of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new and improved sled for the use of children; and it consists in a novel application of the runners to the sled whereby the same may be readily steered or guided through the medium of a rope, and at the same time a strong, durable, and economical sled obtained.

A represents the bed or platform of the sled, which is of wood, of a suitable length and width, and is the only part constructed of that kind of material.

B B′ represent the two back runners of the sled. These runners are of cast-iron, and each is cast with a bracket, C C′, and a bolster, D D′, at their inner sides. The bolsters D D′ abut against the under side of the bed or platform A, and the bolster D of the runner B is provided with a socket, E, the interior of which is of V-form in its transverse section and receives a corresponding-shaped tongue, F, on the bolster D′, the end of the socket E being provided with two projections, *a a*, which fit in holes *b b* in a collar, *c*, on the bolster D′, against which collar the end of the socket E abuts. (See Fig. 2.) The socket E is provided with ears *d*, through which screws pass into the bed or platform and secure the bolsters to the former. The runners B B′ are also secured to the under side of the bed or platform by screws *e*. (See Fig. 2.)

G G represent the front runners, which are also of cast-iron, each having a semicircular plate, H, at its inner side. These runners are attached by screws *f* to a cast-iron bolster, I, which is secured to the under side of the bed or platform, said bolster having a longitudinal rib, *g*, at its under side, the ends of which lap over the edges of the semicircular plates H in recesses *h* therein, the ends of said recesses forming stops to limit the moving or turning of the runners G on the screws *f*, as will be understood by referring to Fig. 2. The upper side of the runner is also provided with a longitudinal rib, which is let into the under side of the bed or platform, as shown by the dotted lines in Fig. 1

The front ends of the runners G G are connected by a bar, J, which is composed of two longitudinal parts, *h′ h′*, connected by screws *i* near their ends. The draft-rope K has its ends secured in this bar, and said rope passes up through a central slot, *j*, in the bar and through an opening, *k*, in the front of the bed or platform A, and is crossed so that the runners G G will be turned to guide the sled to the right when the right-hand side of the rope is pulled, and guided to the left when the left-hand side of the rope is pulled. The ends of the bar J are fitted loosely on the front ends of the runners G to admit of the free turning of the latter.

L is a cast iron foot-rest, which is attached to the front end of the bed or platform A at its upper side.

M is a brake, which is constructed of a rod bent or curved to form two pendent projections, *l l*, one back of each runner B B′, the parts *m m* of said rod above the projections *l l* extending parallely back to the rear of the bed A and then projecting upward, as shown at *n*. This brake is attached to the under side of the bed A by means of a spring, N, which bears against the parts *m m*, and is secured to the under side of the bed A by a staple, *o*, said spring having a tendency to keep the lower ends of the projections *l l* free from the surface of the ground.

The rider, by simply leaning back on the upright portion *n* of the brake, will press the projections *l l* down into the snow, and thereby check the speed or stop entirely the sled.

The brake thus arranged admits of the rider applying the brake at any time, while his hands grasp the rope K for the purpose of guiding the sled.

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

1. The two rear runners, B B′, provided with

bolsters D D′, provided, respectively, with a socket, E, and a tongue, F, fitted together and applied to the bed or platform A of the sled, substantially as and for the purpose herein set forth.

2. The two front runners, G G, provided with semicircular plates H H, and secured to the bolster I by screws *f*, the bolster I being provided with a rib, *g*, having ends to fit into recesses *h* in the semicircular plates H and lap over the edges of said plates in the recesses, substantially as and for the purpose specified.

3. The bar J, composed of two equal longitudinal parts, *h′ h′*, connected together by screws *i*, and applied to the front parts of the runners G G, with the draft-rope K fitted in it, substantially as herein set forth.

H. C. HUNT.

Witnesses:
W. R. HUNT,
JOHN CLARK.