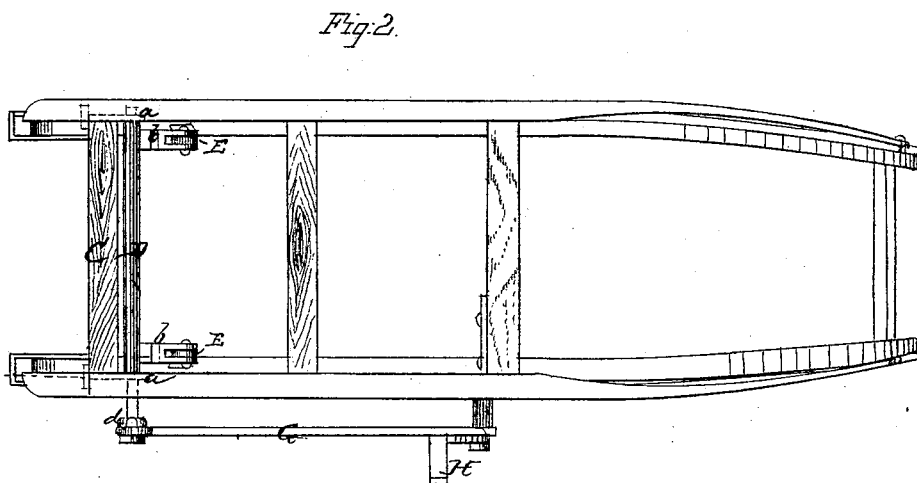
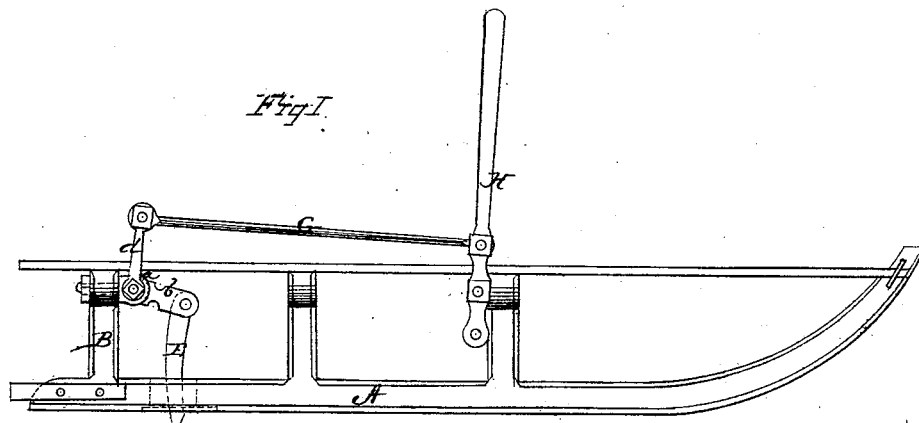


JOHN W. SCOTT.

Improvement in Sleigh-Brakes.

No. 114,976.

Patented May 16, 1871.



Witnesses  
*C. L. Evert,*  
*Jas. G. Hutchinson*

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# UNITED STATES PATENT OFFICE.

JOHN W. SCOTT, OF BROAD TOP CITY, PENNSYLVANIA.

## IMPROVEMENT IN SLEIGH-BRAKES.

Specification forming part of Letters Patent No. 114,976, dated May 16, 1871.

*To all whom it may concern:*

Be it known that I, JOHN W. SCOTT, of Broad Top City, in the county of Huntingdon, and in the State of Pennsylvania, have invented certain new and useful Improvements in Sleigh-Brakes; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a sleigh-brake, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view, and Fig. 2 is a plan view.

A represents the runners, and B the hind knees, of a sleigh. In front of the hind knees and bench C, connecting the same, is mounted a shaft or roller, D, having its bearings in eyebolts *a a*, which pass through the ends of the bench, as shown. The shaft or roller D is provided with two arms, *b b*—one above each runner A—and in the outer ends of said arms are pivoted the bars E E, which pass through mortises made in the runners. Upon the end

of the shaft D is a crank, *d*, which, by a rod, G, is connected with a lever, H, pivoted to the front bench or any other suitable point on the sleigh. It will be noticed that these parts are so arranged that when the lever H is thrown down about horizontal the bars or brakes E E will be raised up out of the ground; but by raising said lever the brakes are applied. Thus a person having a big load may sit on top of the same and have a cord attached to the lever, so as to readily raise the same and apply the brakes.

The shaft or roller D may be placed in rear of the hind knees by reversing the eyebolts *a a*, in which case the bars E will pass down through straps or stirrups *h h*, attached to the rear ends of the runners.

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

The combination of the shaft D, eyebolts *a*, arms *b*, bars E, crank *d*, rod G, and lever H, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 2d day of February, 1871.

JOHN W. SCOTT.

Witnesses:

C. A. H. MEARS,  
D. C. MEGAHAN.