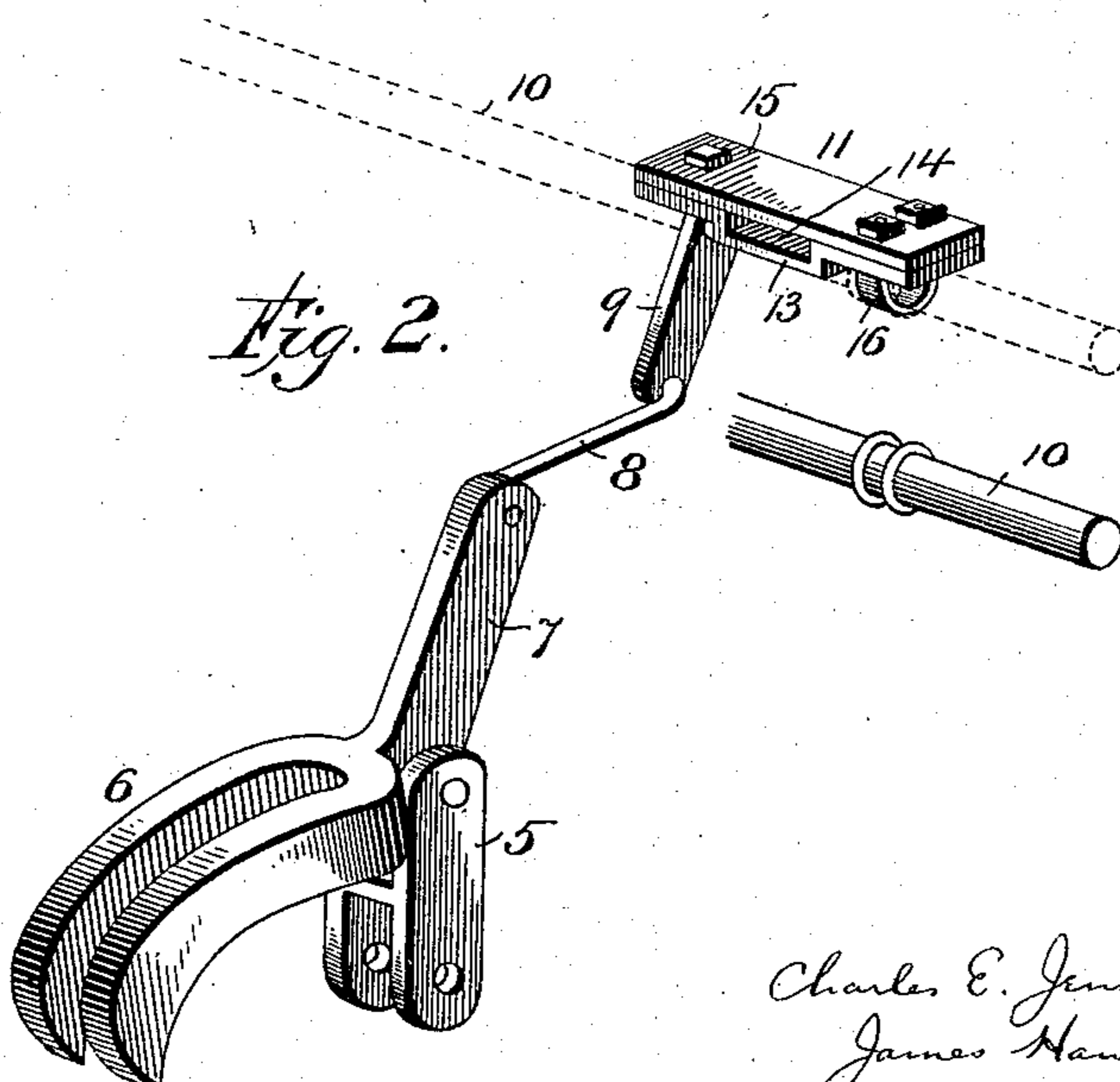
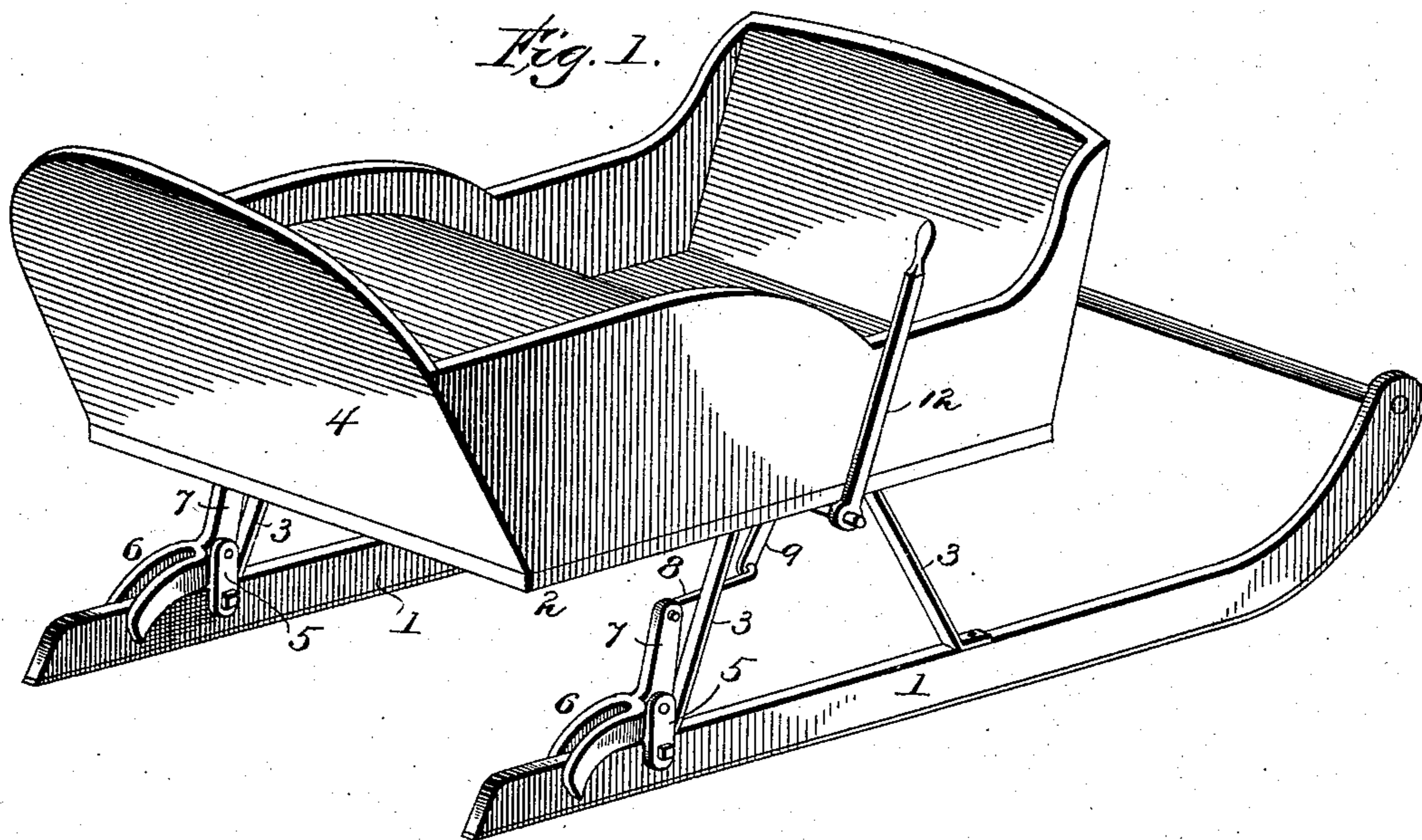


(No Model.)

C. E. JENSEN & J. HANSEN.
BRAKE FOR SLEIGHS.

No. 575,956.

Patented Jan. 26, 1897.



Witnesses
John Enders, Jr.
Foster Veitenheimer

Charles E. Jensen ^{Eng}
James Hansen, Inventors

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UNITED STATES PATENT OFFICE.

CHARLES E. JENSEN AND JAMES HANSEN, OF RANDOLPH, UTAH.

BRAKE FOR SLEIGHS.

SPECIFICATION forming part of Letters Patent No. 575,956, dated January 26, 1897.

Application filed April 4, 1896. Serial No. 586,206. (No model.)

To all whom it may concern:

Be it known that we, CHARLES E. JENSEN and JAMES HANSEN, citizens of the United States, residing at Randolph, in the county of Rich and State of Utah, have invented certain new and useful Improvements in Brakes for Sleighs, of which the following is a specification, reference being had therein to the accompanying drawings.

Our invention relates to sleighs and bobsleds, and more particularly to a brake mechanism for the same that is easy of operation and insures not only a positive stoppage of the vehicle, but is of such simple construction as to present little opportunity for getting out of order.

We will first describe the invention with the aid of the accompanying drawings and then define in the claim the subject-matter we desire to secure in our Letters Patent.

In the drawings, Figure 1 is a perspective of a sleigh with our invention attached thereto; and Fig. 2 is a view of the parts thereof, showing their detail.

The same numeral indicates the same part in both views.

1 is the runner or foot of the sleigh or sled 2, resting upon which and secured thereto is the brace-iron 3 to support the sleigh-body 4. Near the end of this brace is secured to the runner the vertical prong 5, pivoted in which is the brake-shoe fork 6, a member of which passes upon either side of the runner. Integral with the fork is the arm 7, pivotally connected to the link 8, likewise pivotally connected to the projecting arm 9 of the rocking shaft 10, journaled underneath the brace-irons 3 by the clips 11 and operated by the hand-lever 12. The clips 11 comprise the base 13, with the transverse slot 14 to retain the brace-iron 3, the top plate 15, bolted to the said base, and the yoke 16, secured to the clip and in which the rocking shaft 10 is journaled.

It will be readily understood that our device operates as follows: The hand-lever 12 will throw the blades of the fork 6 into the ice, thus braking the vehicle in a positive and practical manner.

Having fully described our invention, we desire to secure by Letters Patent and claim—

The combination in a sleigh, of the runners, the vertical prongs, the brakes pivoted thereto each comprising the curved forks embracing the runner, the arm formed integral with said forks, the link pivotally connected therewith, the arm with which said link is also connected, the transverse rock-shaft located underneath the sleigh-body, provided with a hand-lever, and the clip for supporting said shaft, comprising a recessed plate, a top plate, means for securing them together and the yoke, substantially as described.

In testimony whereof we affix our signatures in presence of two witnesses.

CHARLES E. JENSEN.
JAMES HANSEN.

Witnesses:

MALCOLM MCKINNON,
ROBERT MCKINNON.