

I. DAN.
Sleigh.

No. 70,536.

Patented Nov. 5, 1867.



Fig. 3.

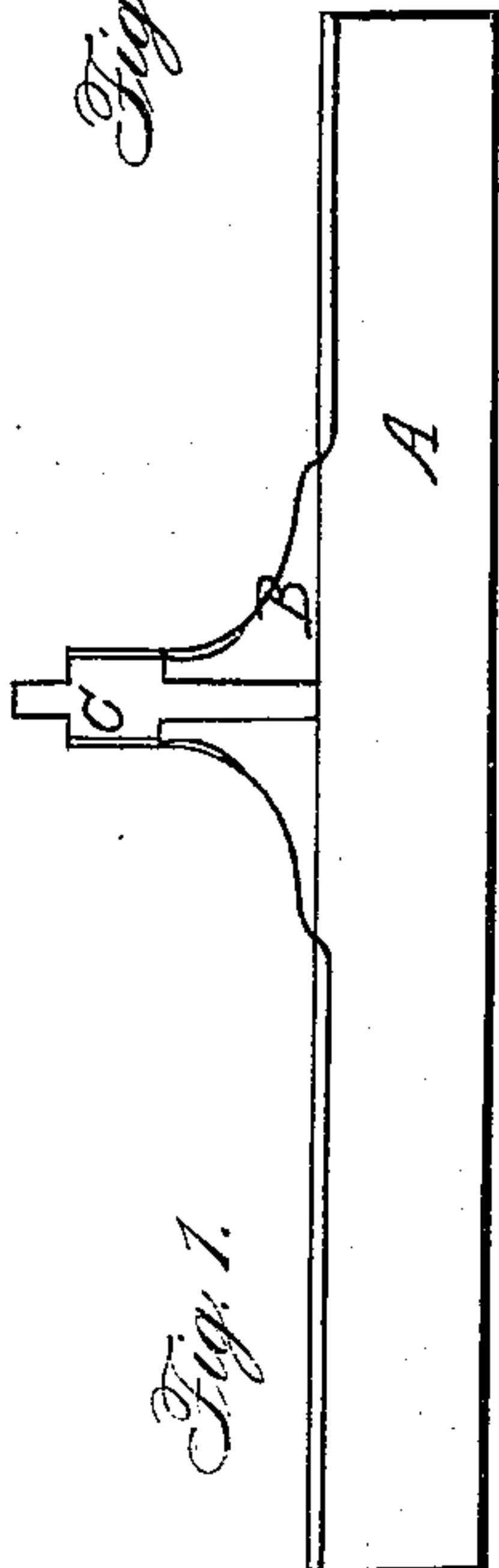


Fig. 1.

Fig. 4.



Fig. 2.



Witnesses.

Adrian
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I. Dan
per
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United States Patent Office.

ISAAC DAN, OF DEPOSIT. NEW YORK.

Letters Patent No. 70,536, dated November 5, 1867.

IMPROVEMENT IN SLEIGH-KNEE.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, ISAAC DAN, of Deposit, in the county of Broome, and in the State of New York, have invented certain new and useful improvements in Sleigh-Knees; and 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.

In the annexed drawings, making part of this specification, A represents the sleigh-runner, and B and C the knee. The knee is composed partly of wood and partly of metal. B represents the metal portion, which consists of a T-shaped block, which is secured to the runner, and which is provided with a vertical dove-tailed groove from top to bottom, as seen. The wood portion of the knee is provided with a square tenon upon its upper end, and with a dove-tailed tenon on its lower end, which is made to fit snugly in the groove of the block B. The blocks B may be cast and secured to the runner by means of screws or small bolts.

By this arrangement the runner is made stronger than if mortised for a tenon on the knee, and the knees may be more easily and quickly secured to the runner than by the old plan, while at the same time they are as strong and durable.

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

The knee, constructed of wood and metal in the manner herein set forth, and used with the runner for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 24th day of April, 1867.

ISAAC DAN. [L. s.]

Witnesses:

L. T. FREEMAN,

A. C. MOSES.