

W. H. Huyck

Sleigh.

N^o 63522. Patented Apr. 2. 1867.

Fig. 1

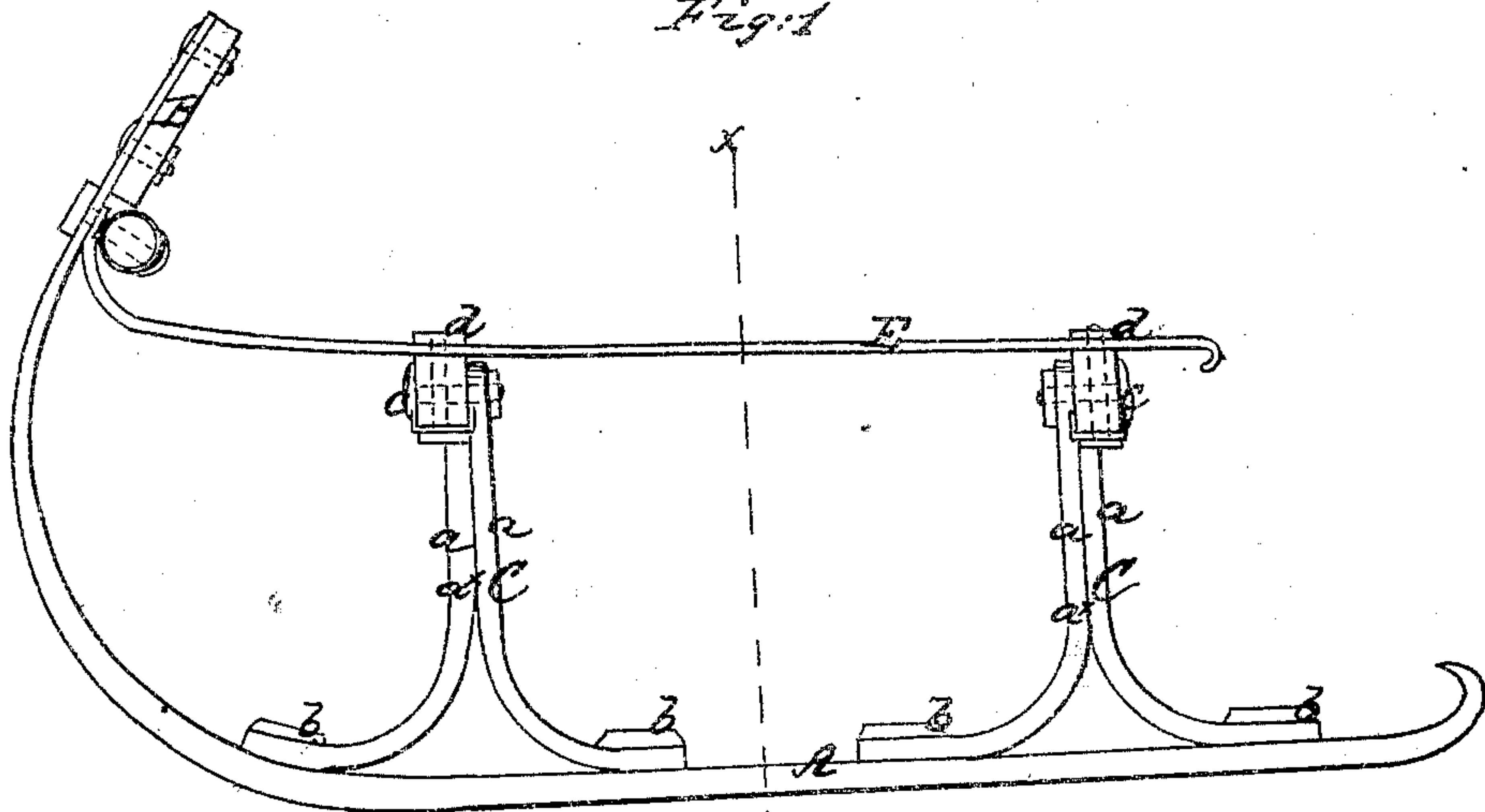
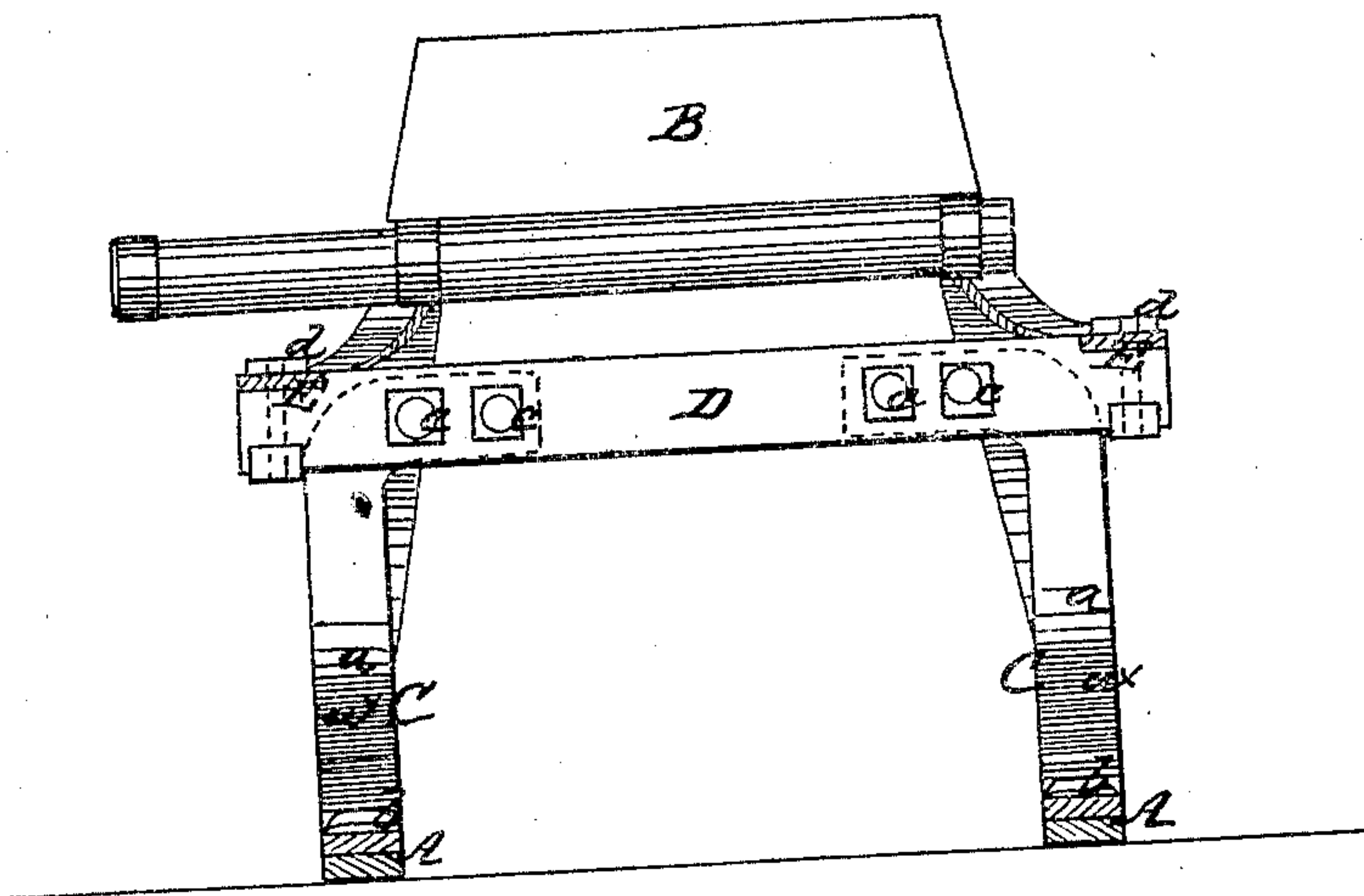


Fig. 2.



Witnesses:
Theo Tusch
J. A. Service

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United States Patent Office.

W. H. HUYCK, OF CHARITON, IOWA.

Letters Patent No. 63,522, dated April 2, 1867.

IMPROVEMENT IN SLEIGHS.

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, W. H. HUYCK, of Chariton, in the county of Lucas, and State of Iowa, have invented a new and improved Sleigh; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others 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 view of my invention.

Figure 2, a transverse vertical section of the same taken in the line *x x*, fig. 1.

Similar letters of reference indicate like parts.

This invention relates to a new and improved manner of constructing the lower portion of a sleigh on which the body is supported, whereby a very strong and durable sleigh is obtained at a much less cost than by the ordinary mode of manufacture. The invention consists in having the runners of wrought iron or steel bent or curved in the usual form, and having the knees constructed of flat iron bars rolled or welded together, bent in proper form and bolted to the runners and beams, as hereinafter fully shown and described.

A A represent the runners, which are of wrought iron or steel, bent or curved upward in front as usual, and having a wooden dash-board, B attached to their upper ends. C represents the knees, each of which is composed of two parts, *a a*, rolled or welded together, or secured together by bolts, *a**, and diverging at their lower ends so that they may be fitted snugly upon and firmly bolted to the runners, as shown at *b*, and the upper end of one of the parts *a* of each knee is bent over in a horizontal position and said ends bolted to the beams D, (which are of wood,) as shown at *c*. E are fenders constructed of flat iron bars, bolted on the ends of the wooden beams D as shown at *d*. If necessary or desired the knees C may be braced from the beams D by metal rods or bars. This sleigh may be constructed at a very moderate cost, and it will be extremely strong and durable.

What I claim as new, and desire to secure by Letters Patent, is—

The knees C, composed of two parts *a a*, and secured together, one of the parts being bent in a horizontal position and the other part forming a shoulder upon which the beam D rests, as herein set forth for the purpose specified.

W. H. HUYCK.

Witnesses:

J. H. BRAMHOLE,

ROBERT McCORMICK.