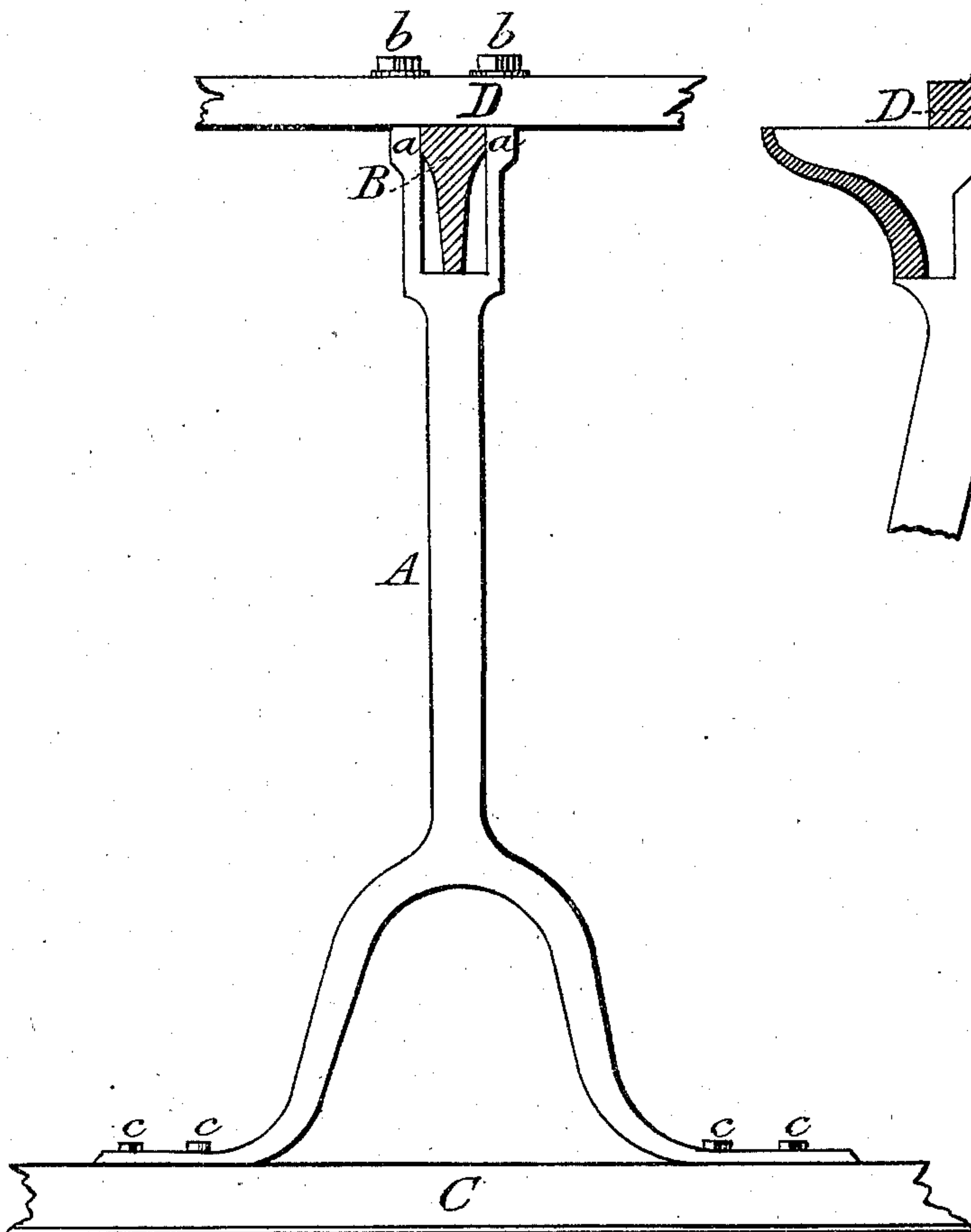


J. P. GARLAND.  
Sleigh.

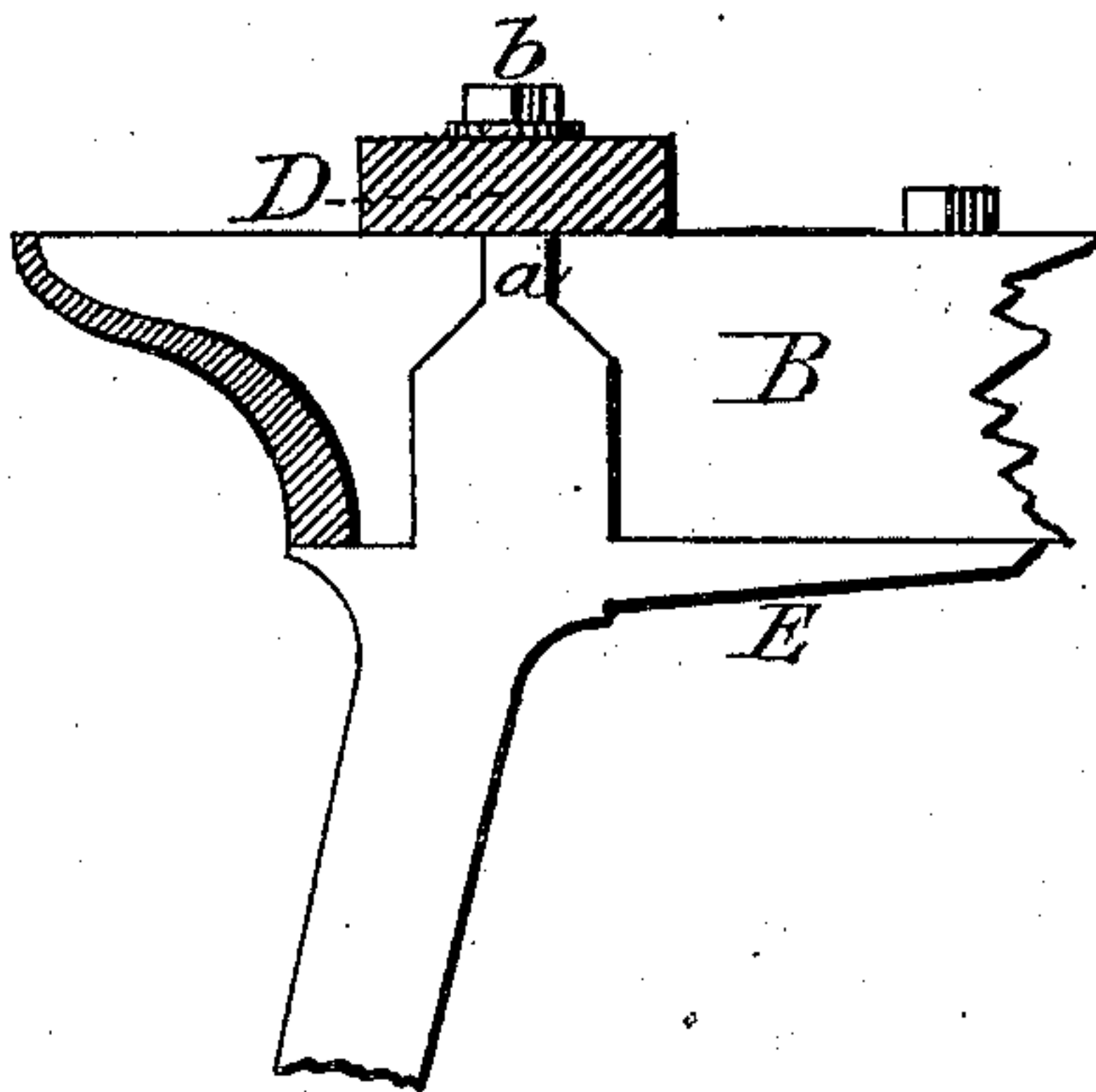
No. 99,770.

Patented Feb. 15, 1870.

*Fig. 1.*



*Fig. 2.*



*Witnesses:*

*J. B. Peyton.  
J. B. Smith*

*Inventor:*

*J. P. Garland  
by his attorneys  
Gardner & Co.*

# United States Patent Office.

JOHN P. GARLAND, OF NEWBURY, VERMONT.

*Letters Patent No. 99,770, dated February 15, 1870.*

## IMPROVED 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, JOHN P. GARLAND, of Newbury, Orange county, State of Vermont, have invented a new and useful Improved Metallic Sleigh-Post; and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon.

In the drawing—

Figure I is a side view, and

Figure II, a detail view of my improved sleigh-post.

The object of this invention is to obtain a strong, light, and cheap sleigh-post, which can be more easily and securely attached to the bench and rail than the ordinary ones now in use.

In the drawings—

A is the post, which is forked at the bottom and fastened to the runner C by means of bolts c.

At the top the post is provided with a shoulder, E, which braces underneath the beam B, and two ears,

a and a, each surmounted with a bolt having threads upon it.

The end of the beam B is set between the ears a, resting upon the shoulder E. The bolts project through the rail D and nuts b are screwed upon them, they being turned until the post, beam, and rail are tightly clamped together, as shown in the drawings.

By this means an excellent post is obtained, answering every purpose much more fully than the ordinary ones.

Now, having described my invention,

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

The combination in a sleigh-post of the metal forked post A, with shoulder E and ears a a, surmounted by threaded bolts, the whole arranged as described.

JOHN P. GARLAND.

Witnesses:

E. H. HYDE,

J. B. GARDINER.