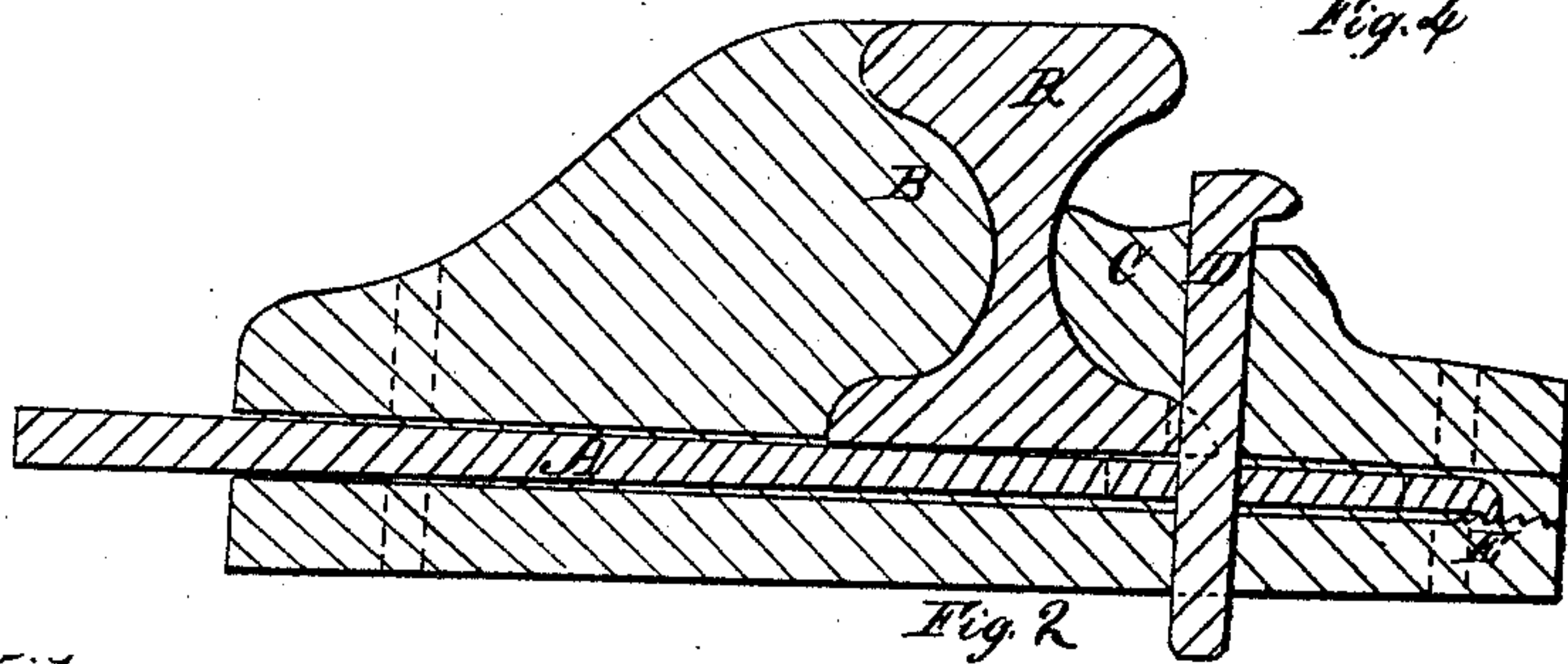
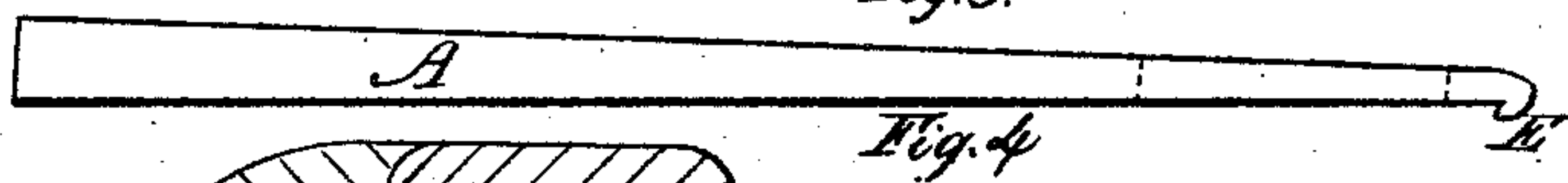
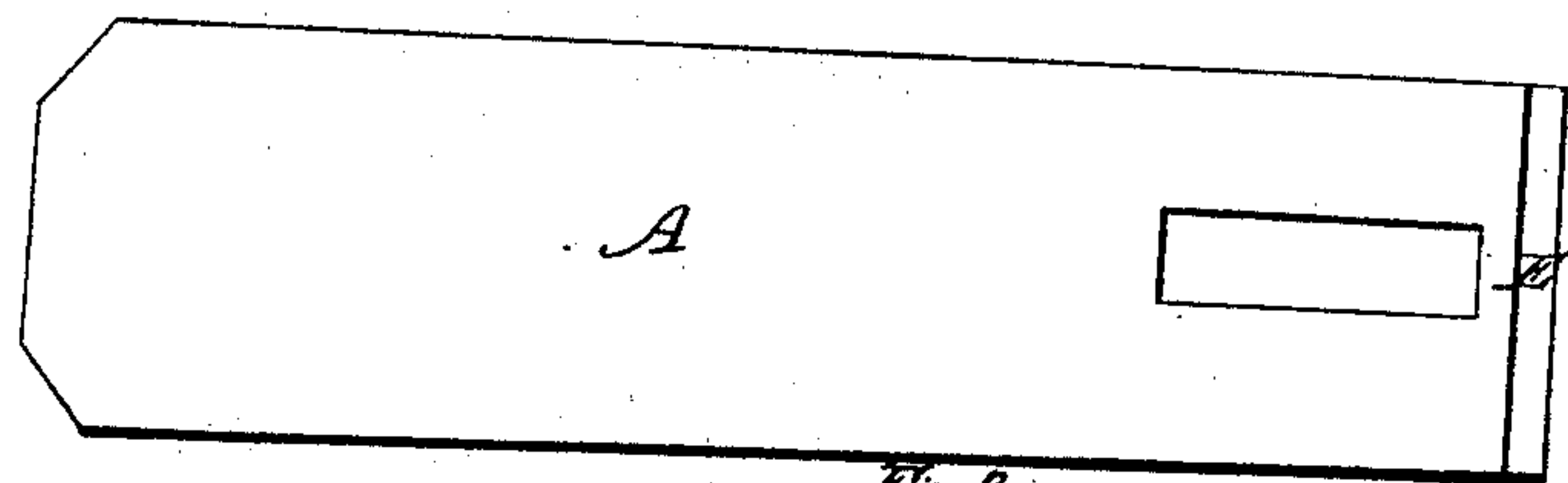
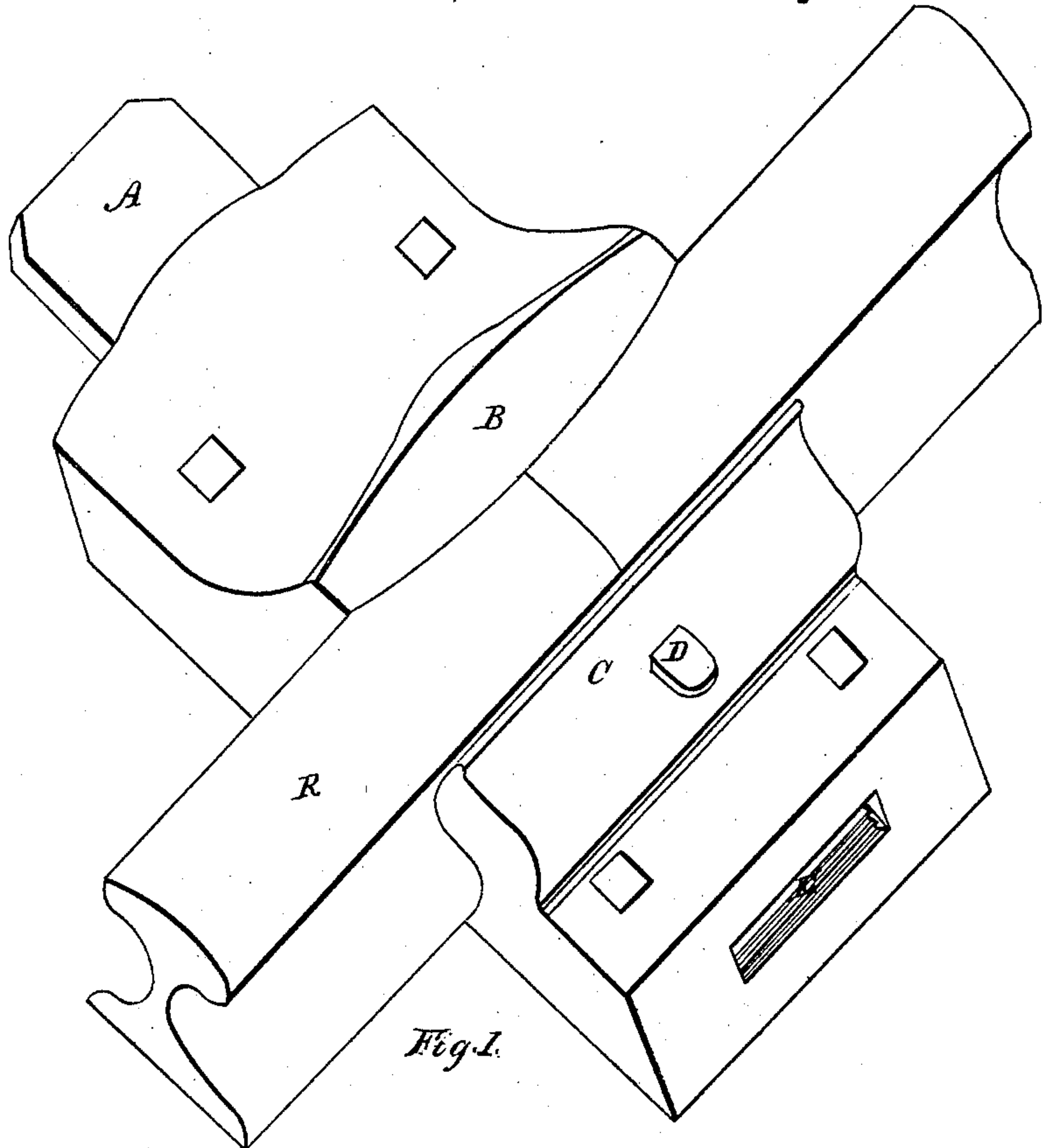


A. B. Thompson.

Railroad Chair.

N^o 94,528.

Patented Sept. 7, 1869.



Witnesses.

E. Beaman

A. T. Becker

Inventor.

A. B. Thompson

United States Patent Office.

A. B. THOMPSON, OF OWEGO, NEW YORK.

Letters Patent No. 94,528, dated September 7, 1869.

IMPROVED RAILWAY-RAIL CHAIR.

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, A. B. THOMPSON, of Owego, in the county of Tioga, State of New York, have invented a new and improved Mode of Constructing Railway-Chairs; and I do hereby declare the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

I construct my chair of cast-iron, of which—

Figure 1 is a perspective view, with sections of rails. B C represent chair; R, rails; A, key; D, spike or stop.

Figure 2, a transverse sectional view of chair, showing the manner in which the cheeks of the chair embrace the rails; also showing the key, passing through the chair lengthwise; also the manner in which it is held in place by the hook or notch at the end, engaging in the corrugations or notches formed in the chair, as shown at E.

The spike D, as shown, passes through the key A, for a twofold purpose: first, to form a stop for rails, to prevent a lateral movement, the rails having a notch taken out of lower flange to correspond; second, to prevent the key from escaping from the chair.

The cheek B of the chair is elevated to a level with the bearing-surface of rails, in order to make a continuous surface for car-wheels, in case of misplacement or shrinkage of rails.

I construct this chair by coring out the slot or opening to receive the key, or by divided patterns.

The key A is made of forged or rolled iron; also pin D.

The object in view in constructing this chair is as follows, viz: first, to effect a more perfect union or joining of chair and rails; second, to prevent a loss or loosening of keys, nuts, or other devices used for similar purposes.

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

The combination of the hook-key A and the pin D, arranged in relation to the chair and rails, in the manner and for the purpose herein specified.

A. B. THOMPSON.

Witnesses:

E. BEEMAN,
A. T. BECKER.