

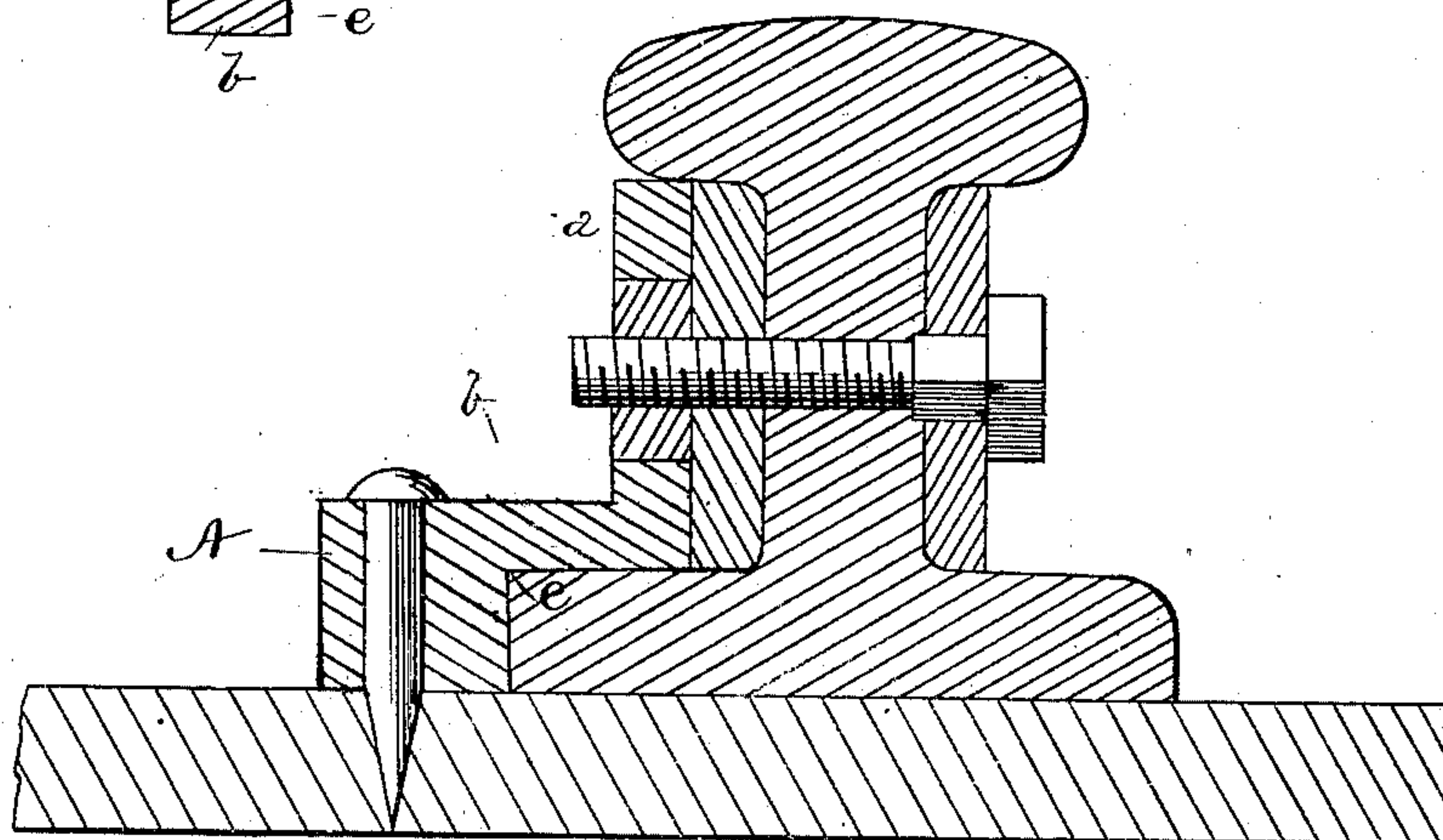
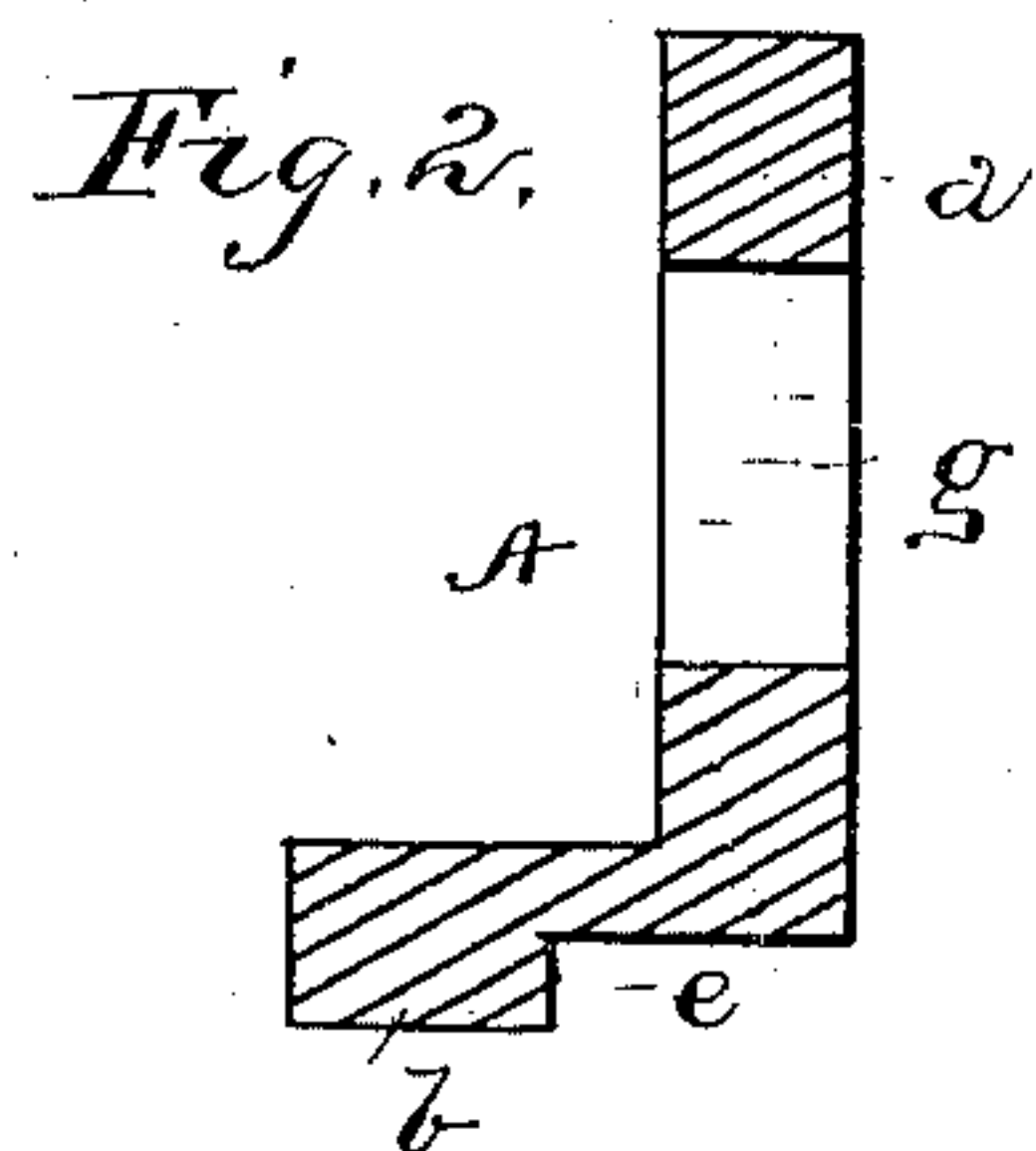
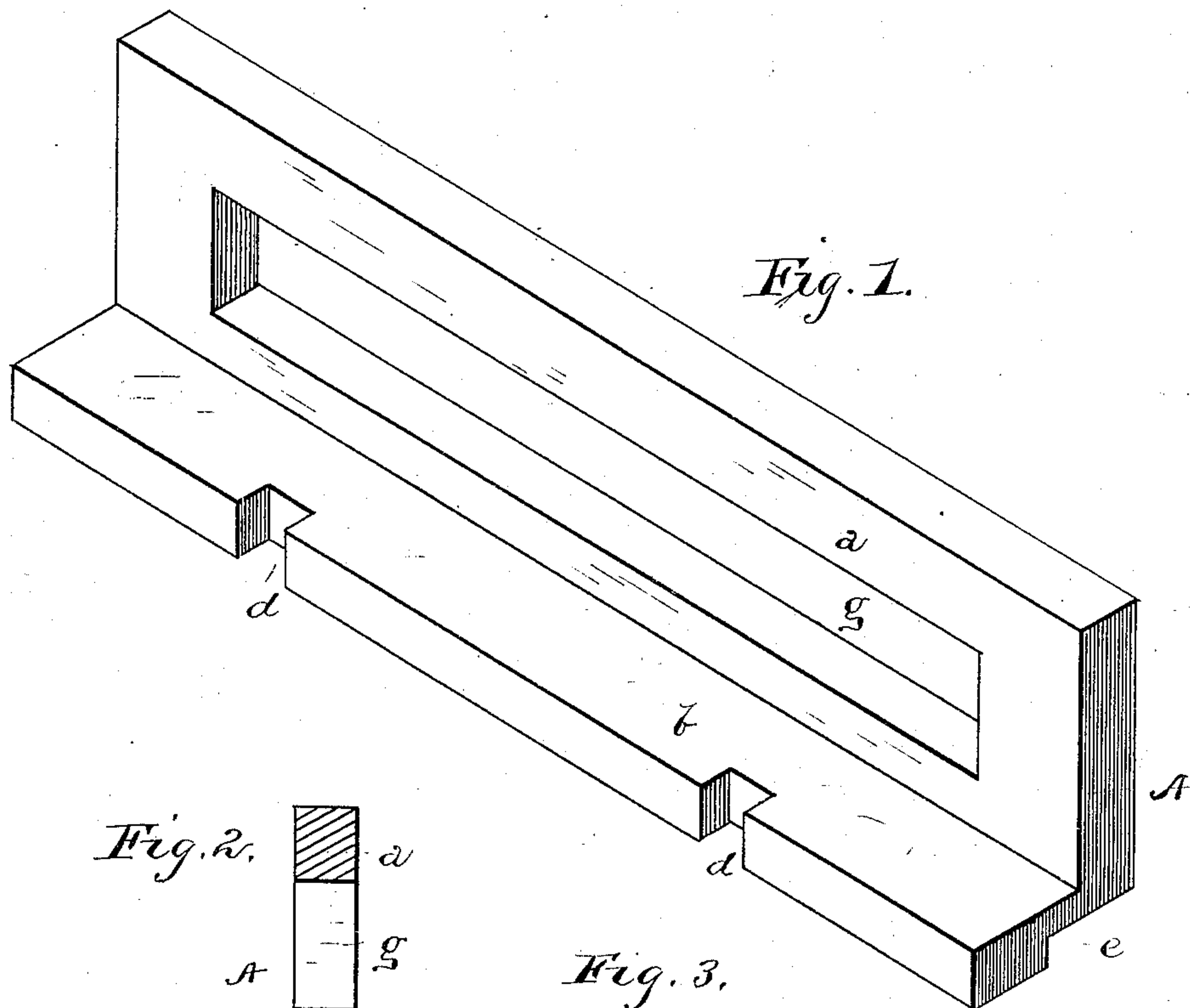
(No Model.)

W. C. WATSON.

NUT LOCK.

No. 257,420.

Patented May 2, 1882.



Witnesses,
Edwin L. Jewell
J. J. McCarthy

Inventor,
William C. Watson
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Attorney

UNITED STATES PATENT OFFICE.

WILLIAM C. WATSON, OF PUYALLUP, WASHINGTON TERRITORY.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 257,420, dated May 2, 1882.

Application filed September 28, 1881. (No model.)

To all whom it may concern:

Be it known that I, WM. C. WATSON, of Puyallup, in the county of Pierce, and in Washington Territory, have invented certain
5 new and useful Improvements in Nut-Locks; and I 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,
10 making a part of this specification.

This invention relates to an improved nut-lock; and it is specially designed to produce a cheap and efficient device for securing the
15 nuts of the bolts by which the ends of the rails are fastened together, as more fully hereinafter specified. These objects I attain by the device illustrated in the accompanying drawings, in which—

Figure 1 illustrates a perspective view of my
20 improved nut-lock; Fig. 2, a transverse vertical sectional view of the same; and Fig. 3, a transverse section of a rail, showing my invention.

The letter A indicates the nut-lock, which
25 is composed of a metallic plate, *a*, of any convenient length and of such width as to be placed between the flanges and the tread of the rails and against the fish-plate thereof. The said plate *a* is provided with a lateral
30 flange, *b*, which rests upon the sleeper which supports the ends of the rail, and said flange is provided with recesses *d* at its edge, through which spikes may be placed to hold the device in position. At its lower edge the device is
35 provided with a rabbet, *e*, which extends over

the flange of the rail and permits the nut-lock to set up closely to the fish-plate of the rails. The plate *a* is provided with a longitudinal slot, *g*, of a width equal to the width of the
40 nuts, which are square or polygonal, as usual.

In applying my invention the bolts are inserted through the rails and fish-plate, and the nuts are screwed home, care being taken to have all the bolts in a horizontal line. The
45 nut-lock is then placed in position, with the plate *a* between the flanges and the tread of the rail and the flange *b* on the sleeper, the nut fitting in the slots. The nut-lock is then
50 securely fastened to the sleeper by means of spikes, and it will be evident that it will be impossible for the nuts to turn so long as it remains in position.

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

A nut-lock consisting of a flanged plate, A, provided with a longitudinal rabbet, *e*, and with a longitudinal slot, *g*, and recesses *d*, the
60 said plate being adapted to be secured over the nuts on the joining-bolts of the rail, whereby they are held in position, substantially as specified.

In testimony whereof I affix my signature, in presence of two witnesses, this 29th day of August, 1881.

WM. C. WATSON.

Witnesses:

H. H. WESTON,
T. J. LAMAR.