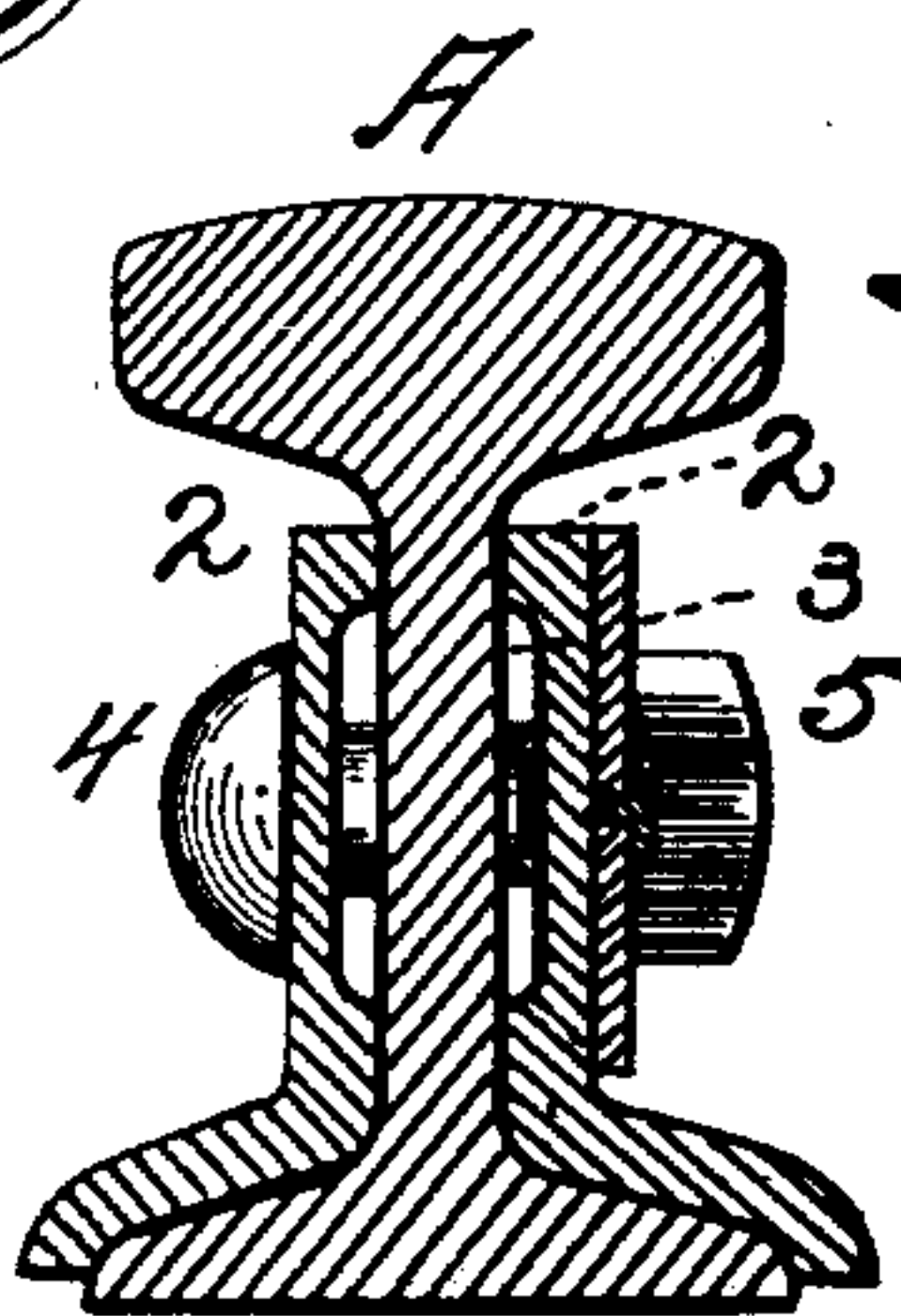
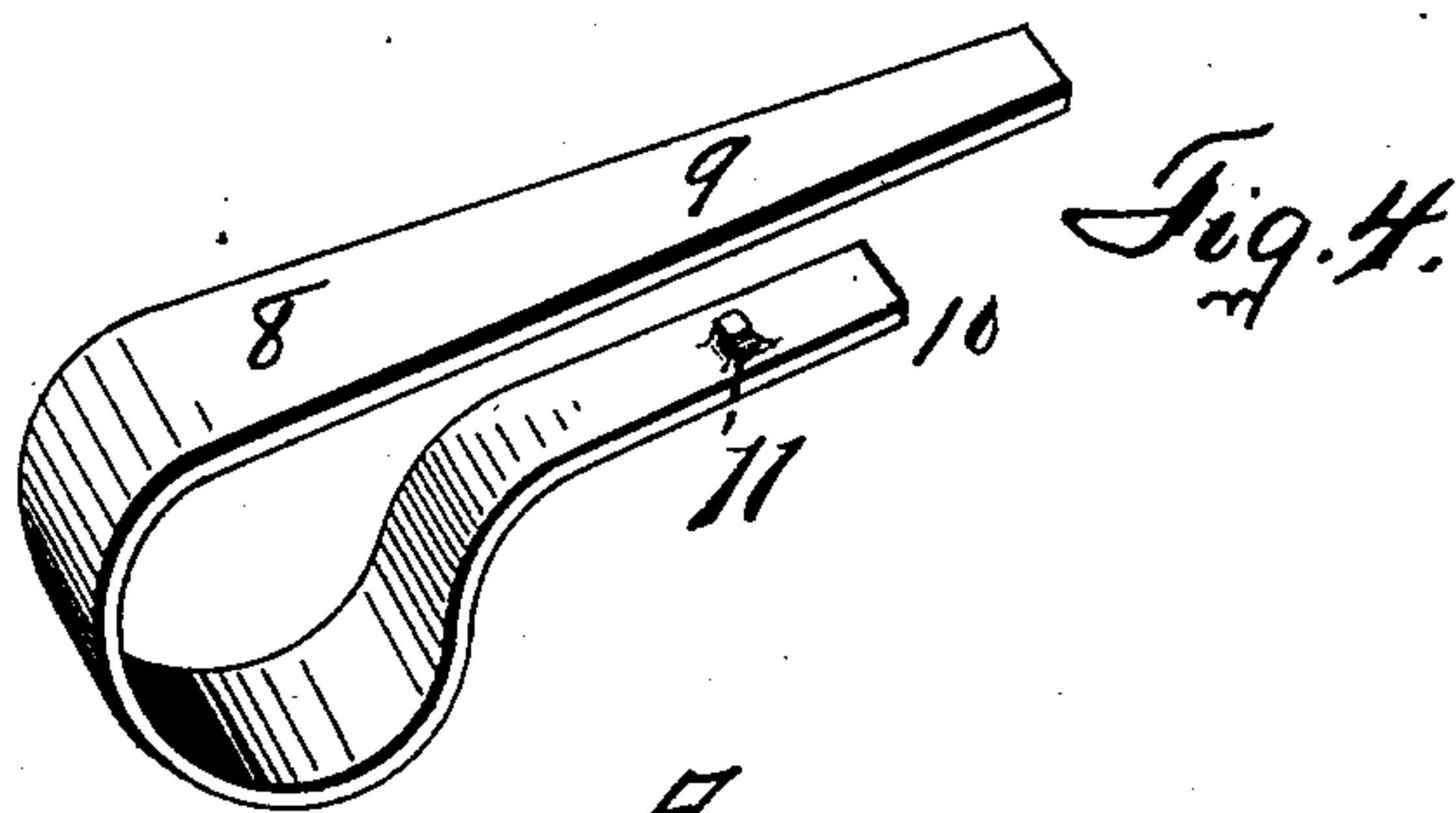
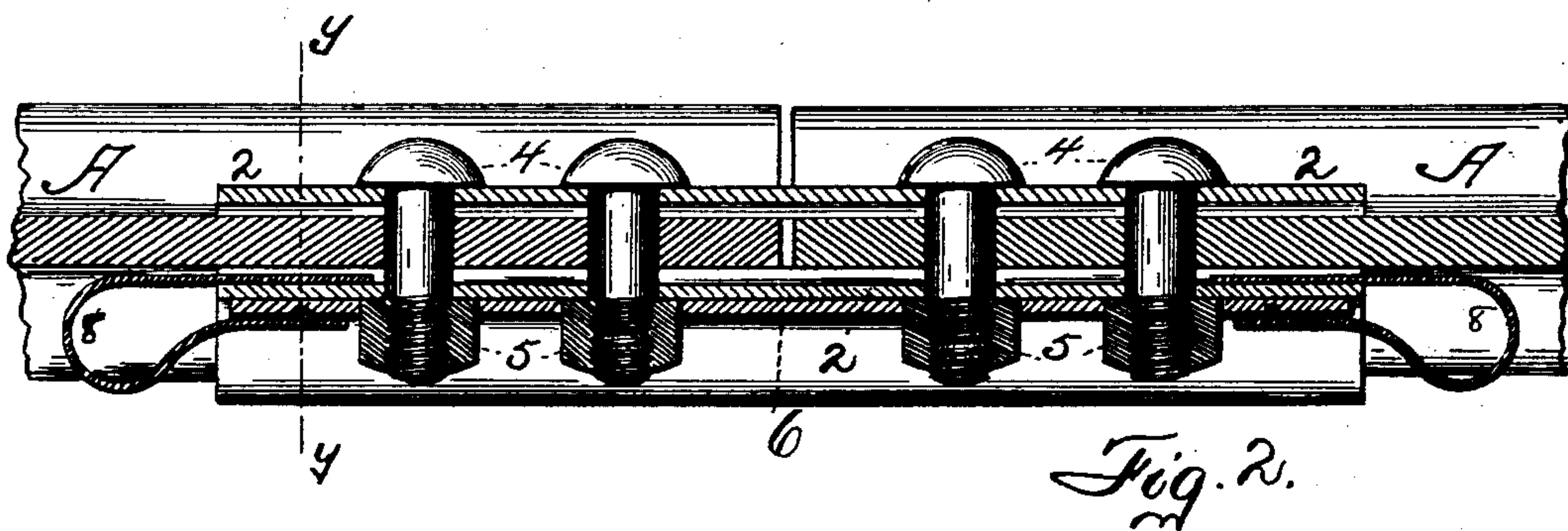
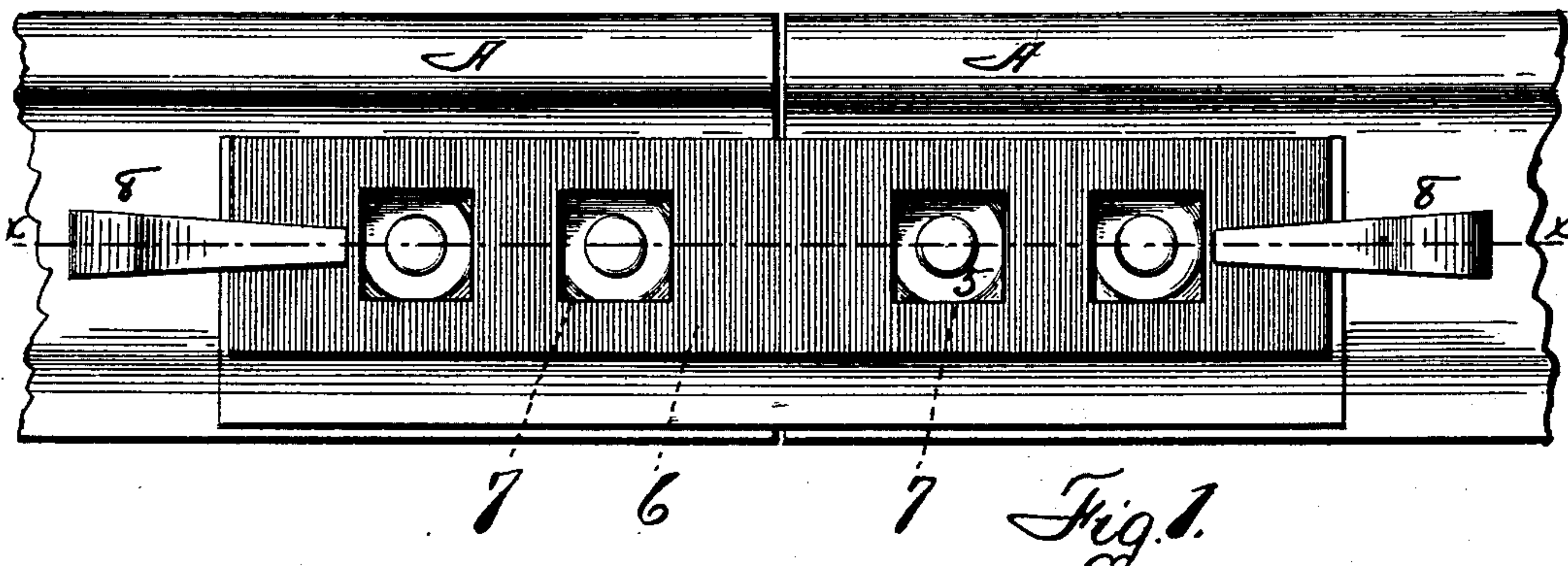


(No Model.)

M. REARDON.
NUT LOCK.

No. 587,557.

Patented Aug. 3, 1897.



WITNESSES:
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UNITED STATES PATENT OFFICE.

MATTHEW REARDON, OF MORAVIA, NEW YORK.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 587,557, dated August 3, 1897.

Application filed November 21, 1896. Serial No. 613,000. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW REARDON, of Moravia, in the county of Cayuga, in the State of New York, have invented new and
5 useful Improvements in Nut-Locks, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

My invention relates to nut-locks, and especially to those which are applied to fish-plates for rail-joints, although this invention can be applied to lock-nuts in any place when they are liable to be loosened by vibration or otherwise.

15 The object of my invention is to provide a simple and efficient lock which will retain the nuts in their proper positions as set up and which can be easily removed when desired. It comprises a plate of sheet metal
20 properly mortised to receive the nut or nuts and a spring clip or clasp usually applied at each end to hold the plate in position and at the same time readily detachable for any purpose. It is described as follows, reference
25 being had to the accompanying drawings, in which—

Figure 1 is a side elevation of the rail-joint. Fig. 2 is a longitudinal section thereof upon the dotted line in Fig. 1. Fig. 3 is a trans-
30 verse section thereof upon the dotted line in Fig. 2. Fig. 4 is an enlarged perspective of a clip suitable for the purpose.

A A represent suitable rails, and 2 2 are suitable fish-plates recessed in the usual
35 manner or in any suitable manner in their faces, as at 3. This fish-plate can be of any other shape, if desired. The bolts 4 are inserted through the rails and fish-plates, and their nuts 5 are secured thereon in the usual
40 way. All this is old and does not constitute a part of my invention.

A suitable plate 6, usually of sheet metal, is provided with mortises 7 of a number equal to the number of nuts to be locked, into which mortises the several nuts fit when the plate 45 is applied, substantially as shown. This plate is secured in place removably by means of a clip or clasp 8, having one arm 9, which fits into the recess 3 in the fish-plate, and an arm 10, which fits over the outside of this locking-
50 plate, and is provided with an inwardly-projecting lug, boss, or stud 11, which enters a suitable recess in the outer face of the locking-plate and holds the clip in position and prevents its additional dislodgment. This 55 clip is preferably of spring metal, and the stud 11 is usually beveled, so that when certain longitudinal strain is applied to the nut it will be readily detached and then will unlock the locking-plate for its removal from 60 the nuts.

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

A nut-lock comprising a plate mortised to 65 fit over a nut upon a bolt inserted through a fish-plate in combination with a spring-clip engaging with the interior surface of the fish-plate and provided with a stud engaging with a recess in the outer surface of the said nut-
70 locking plate.

In witness whereof I have hereunto set my hand this 13th day of November, 1896.

MATTHEW ^{his} × REARDON.
mark

In presence of—

WM. FITTS,
CHAS. ATWOOD,
WM. BYRNE.