

No. 656,359.

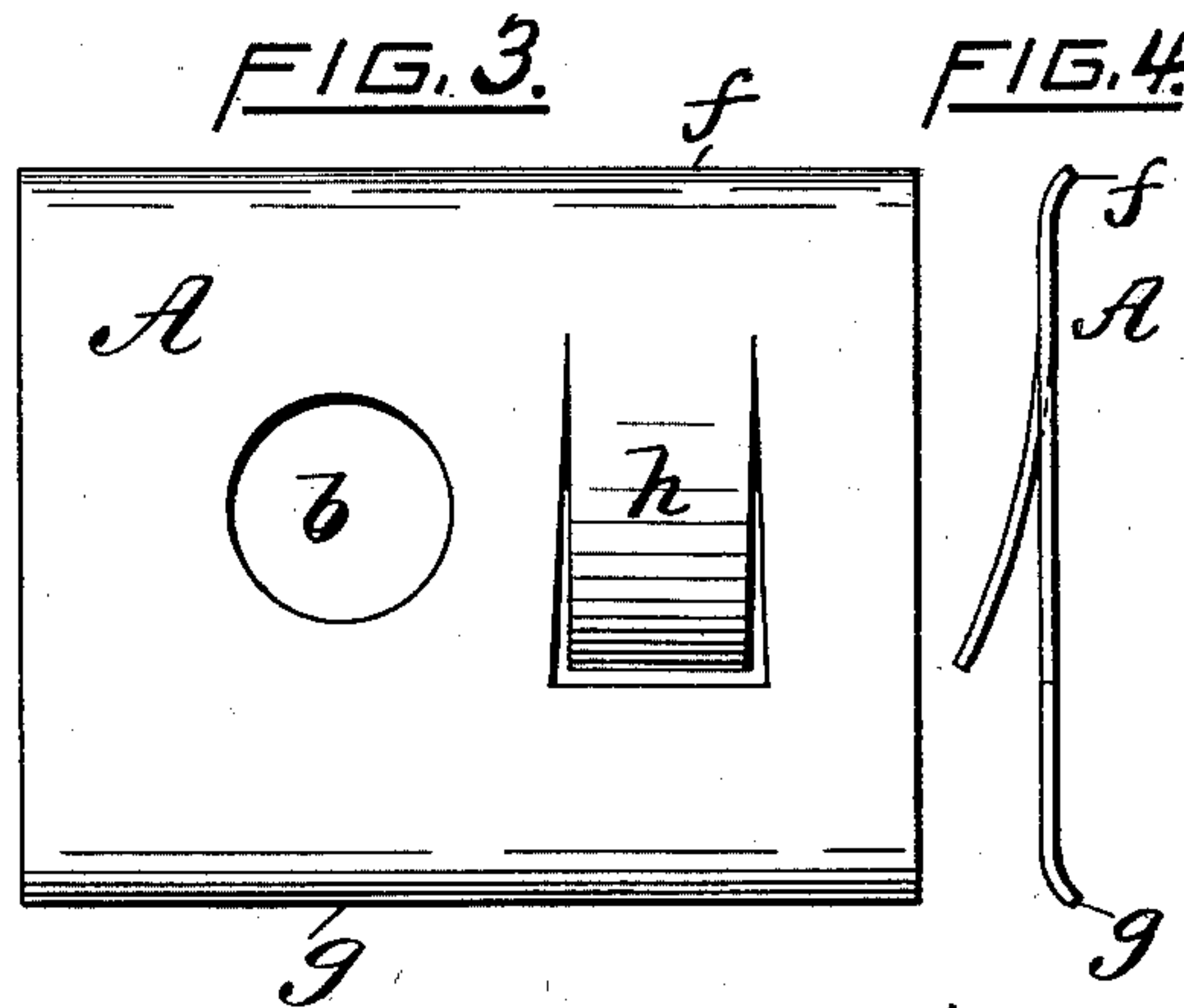
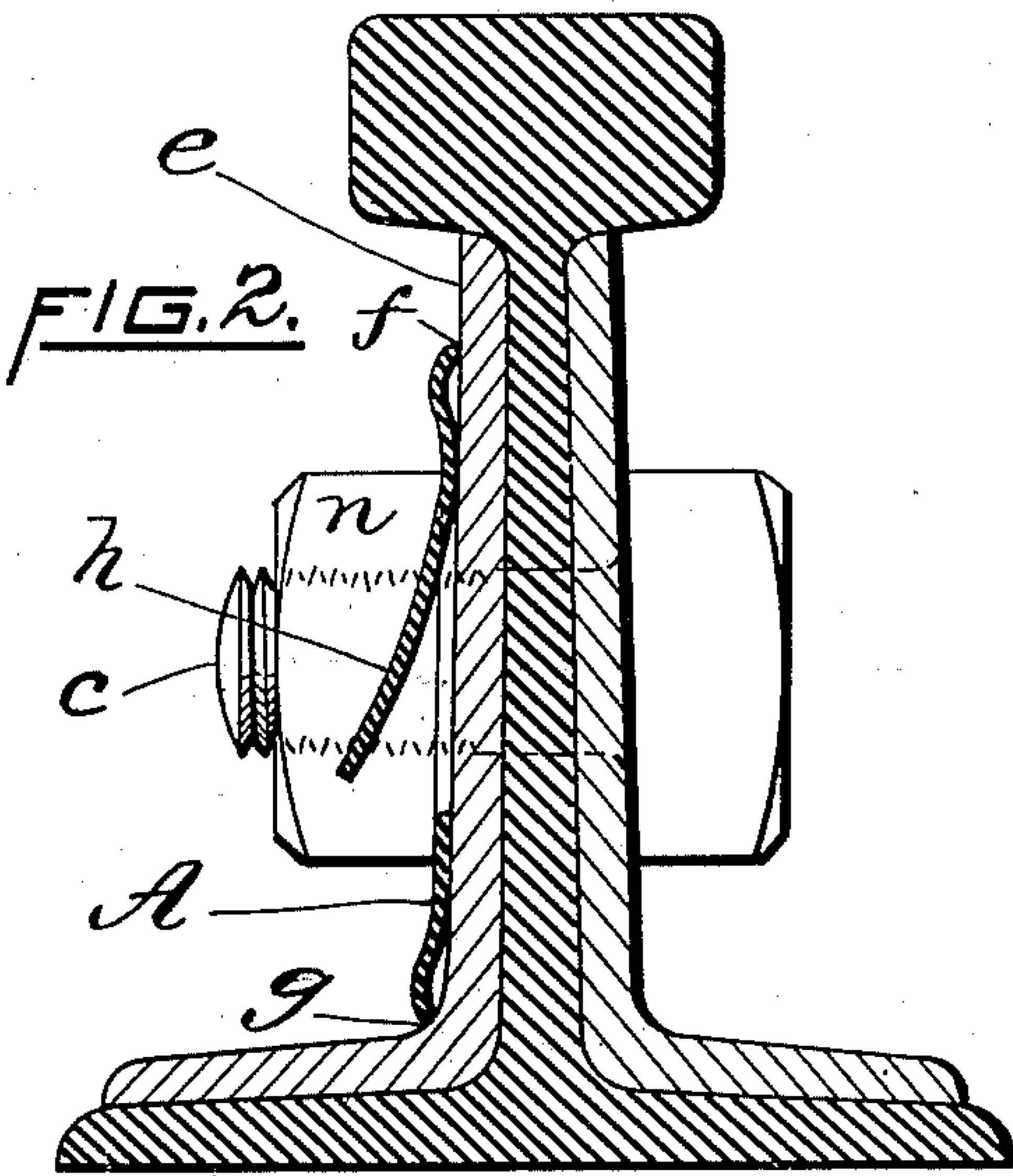
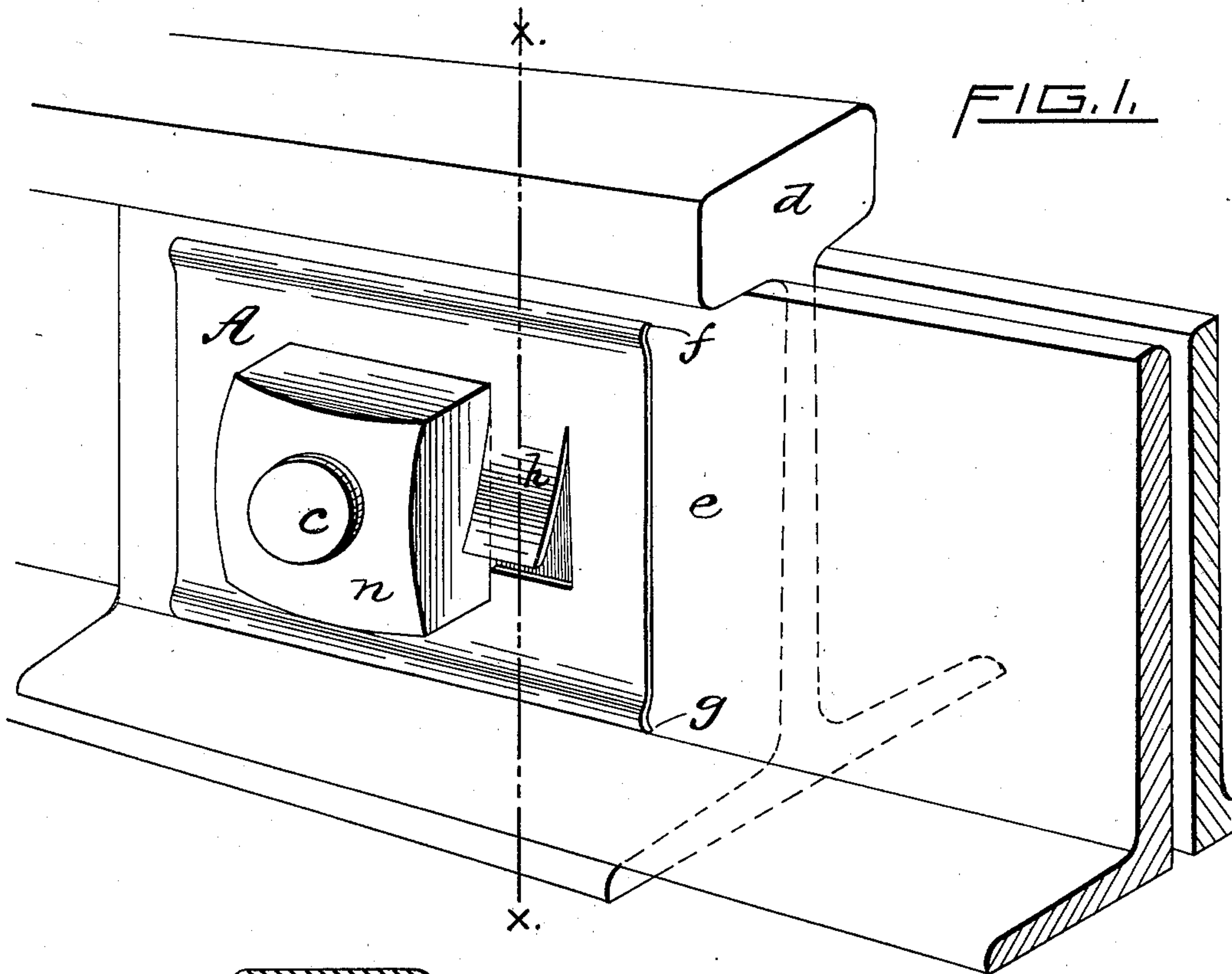
Patented Aug. 21, 1900.

J. D. MARSHALL & M. LOUCKS.

NUT LOCK.

(Application filed Jan. 25, 1900.)

(No Model.)



WITNESSES.

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UNITED STATES PATENT OFFICE.

JOHN D. MARSHALL AND MENZO LOUCKS, OF PAWTUCKET, RHODE ISLAND.

NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 656,359, dated August 21, 1900.

Application filed January 25, 1900. Serial No. 2,797. (No model.)

To all whom it may concern:

Be it known that we, JOHN D. MARSHALL and MENZO LOUCKS, citizens of the United States of America, and residents of the city of Pawtucket, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Nut-Locks, of which the following is a specification.

This invention relates to improvements in nut-locks; and the object of our invention is to provide a simple and efficient device especially adapted for locking nuts of rail-joints and capable of holding the nut tight and preventing the same from accidentally unscrewing.

The invention consists in the novel construction and arrangement of parts, as hereinafter fully described and claimed.

Figure 1 is a perspective view of a rail-joint, showing our nut-lock as applied to the same. Fig. 2 is a cross-sectional view taken on line *xx* of Fig. 1. Fig. 3 is a front elevation of the spring-plate. Fig. 4 is an edge view of the same.

Similar letters of reference indicate similar parts in the drawings.

A designates a plate constructed of spring metal, rectangular in form, and provided with a registering opening *b* to receive a bolt *c* of a rail-joint *d*. This spring-plate is interposed between the nut *n* of the bolt and the adjacent fish-plate *e*, and the take up of the wear of the parts is provided by having the top and bottom edges *f* and *g*, respectively, of said plate

curved slightly over, as shown in Fig. 4, which allows the spring of the plate when in position to hold the parts firmly at all times. A locking-spring *h* is formed vertically in the plate *A* and curving outwardly from the upper portion of the same and at one side of the said bolt-opening for the purpose of engaging one of the side faces of the nut, thus preventing the latter from unscrewing, in the manner as illustrated in Fig. 1. By this device the nut can be readily rotated in the direction for screwing it on the bolt and is absolutely prevented from accidentally unscrewing.

This nut-lock can be applied to bolts and nuts without any alteration in the construction thereof, and at the same time it is a simple and efficient device and inexpensive to manufacture.

Having described our invention, what we claim is—

The herein-described nut-lock comprising a spring-plate having its top and bottom edges curved inwardly, said plate having a registering opening and provided with an integral locking-tongue formed by splitting the plate between the edge of said opening and edge of said plate, as shown and described.

Signed by us at Providence, Rhode Island, this 24th day of January, 1900.

JOHN D. MARSHALL.
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Witnesses:

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