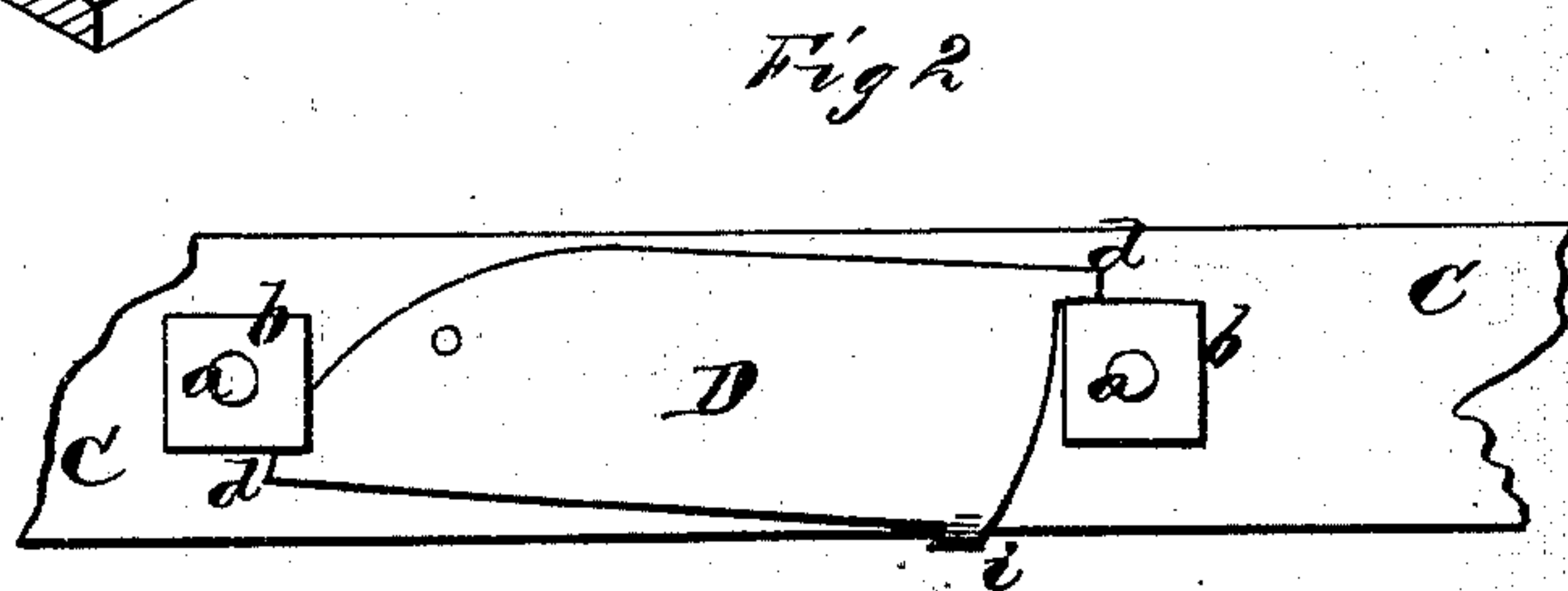
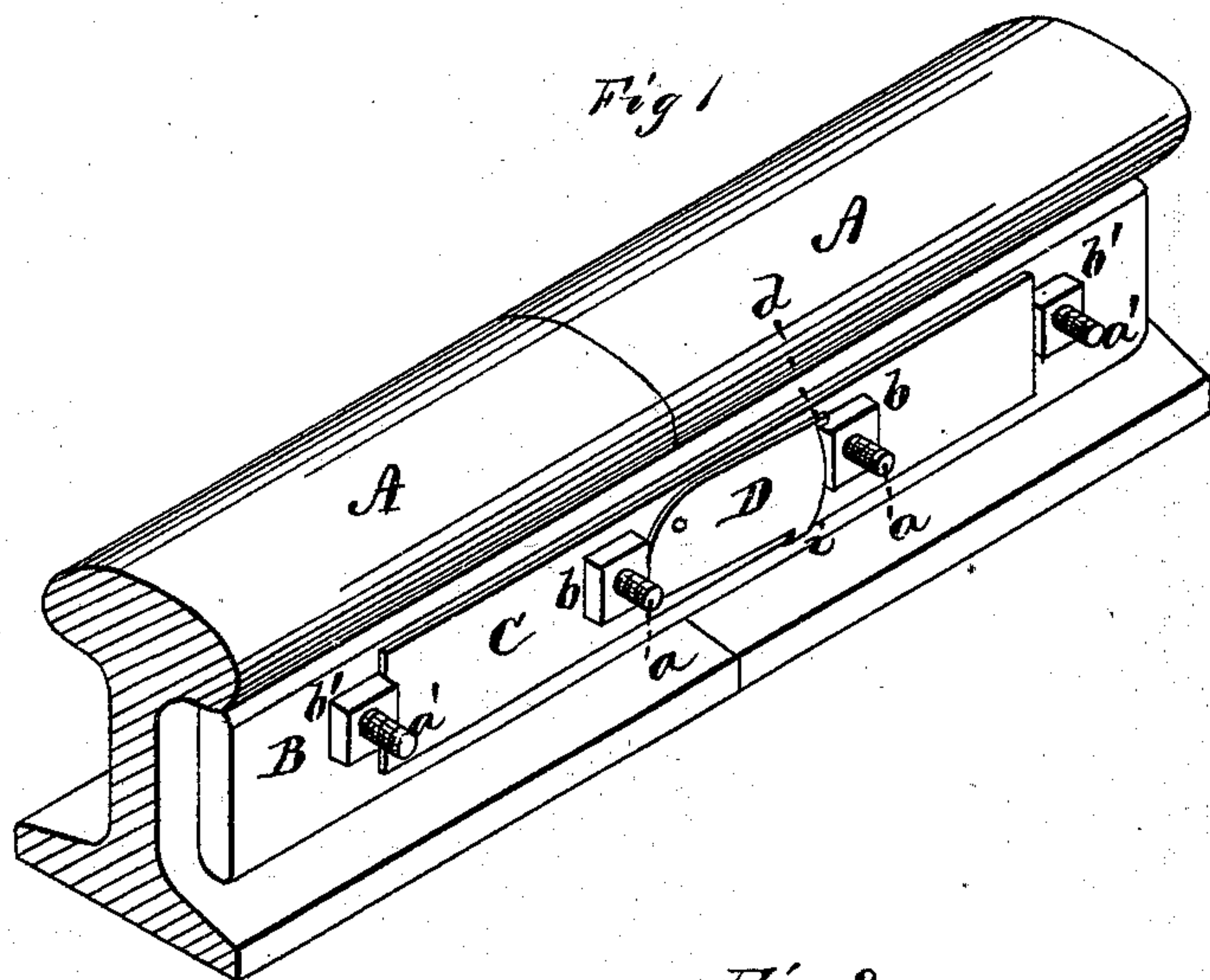


J. B. SWEETLAND.

Nut-Locks.

No. 146,106.

Patented Dec. 30, 1873.



WITNESSES.

J. H. Curand
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INVENTOR

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By

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UNITED STATES PATENT OFFICE.

JEROME B. SWEETLAND, OF PONTIAC, MICHIGAN.

IMPROVEMENT IN NUT-LOCKS.

Specification forming part of Letters Patent No. **146,106**, dated December 30, 1873; application filed November 26, 1873.

To all whom it may concern:

Be it known that I, JEROME B. SWEETLAND, of Pontiac, in the county of Oakland and in the State of Michigan, have invented certain new and useful Improvements in Nut-Locks; and 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, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a nut-locking device, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 a side view, of my invention.

A A represent the ends of two adjoining railroad-rails, with fish-plates B, fastened by bolts *a a'* and nuts *b b'* in the usual manner. On the bolts *a a'* is placed a plate, C, before the nuts *b b'* are screwed on. This plate C is of such length that its ends will bear against the sides of the nuts *b' b'* on the bolts *a' a'*, and thereby lock the same, so that they cannot come loose. On the outer side of the plate C, near the center, is pivoted a latch, D, provided with a shoulder, offset, or lug, *d*, at each

end. The latch D is of such size and shape that when turned down said lugs *d d* will bear against the nuts *b b*, as shown, to lock said nuts, and at the same time prevent the latch from going too far. At the lower edge of the latch D, at or near the outer end, is formed a hook, *i*, which, when the latch is turned down to lock the nuts, springs under the lower edge of the plate C, and thereby locks the latch. The hook *i* can readily be sprung out away from the edge of the plate, when the latch may be raised for unscrewing the nuts *b b*.

I am aware that a pivoted latch having an upper catch at one end and a lower catch at the other end to act upon the top of one nut and under the bottom of the adjacent nut is not new; hence I disclaim such as being broadly my invention.

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

The pivoted latch D, provided with the hook *i* and lugs *d d*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 17th day of November, 1873.

JEROME B. SWEETLAND.

Witnesses:

G. X. M. COLLIER,
F. BENEDICT.