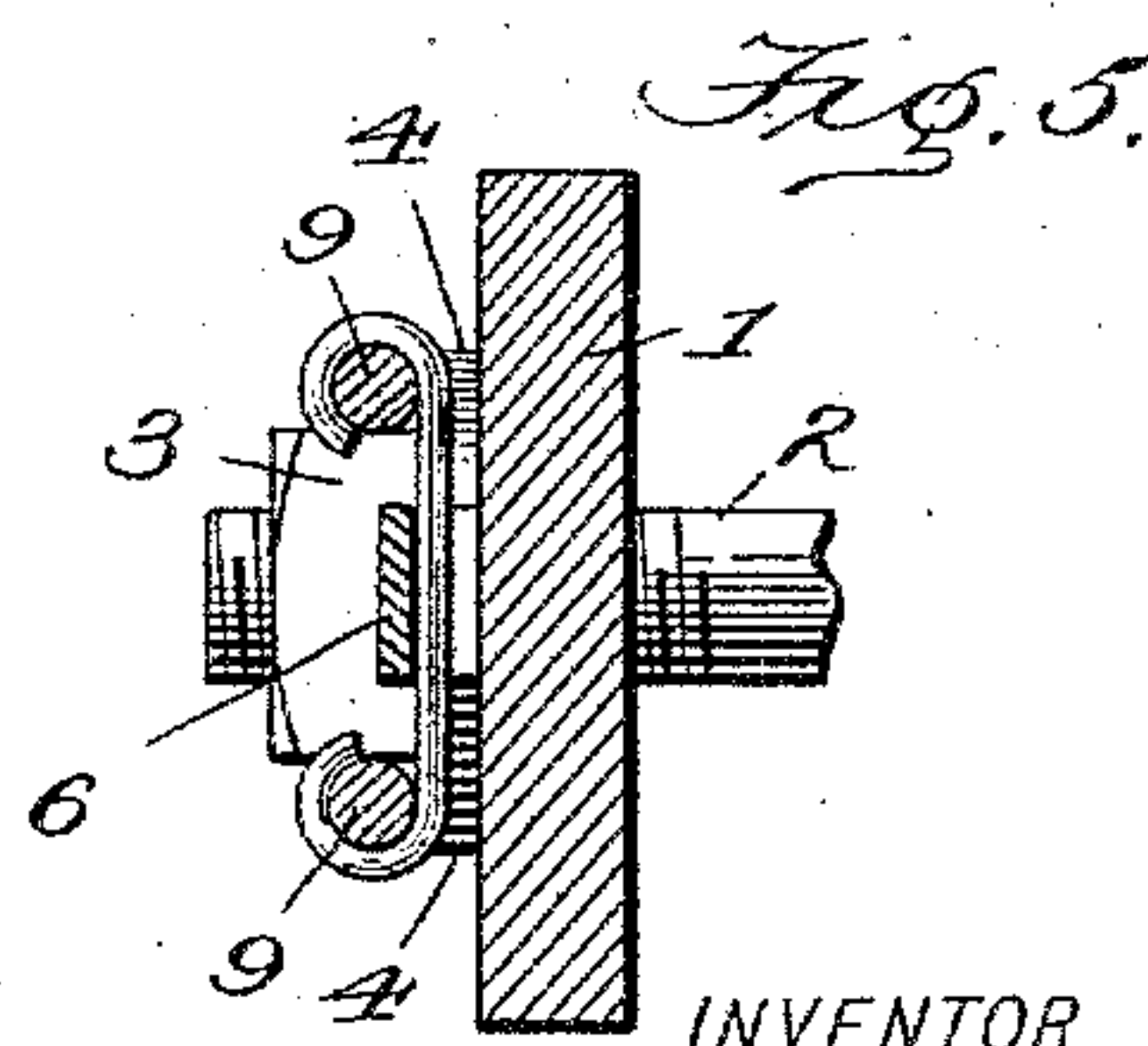
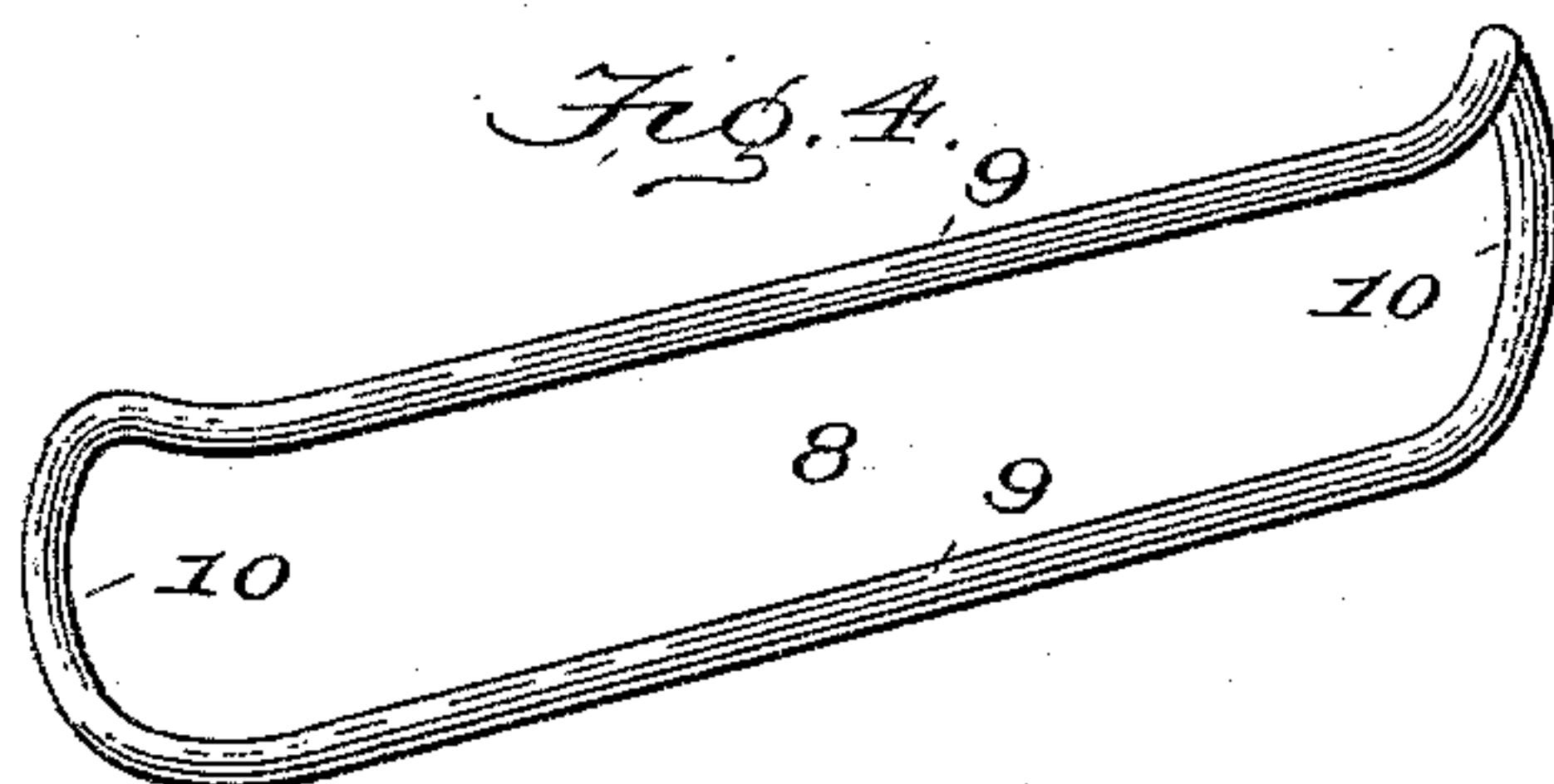
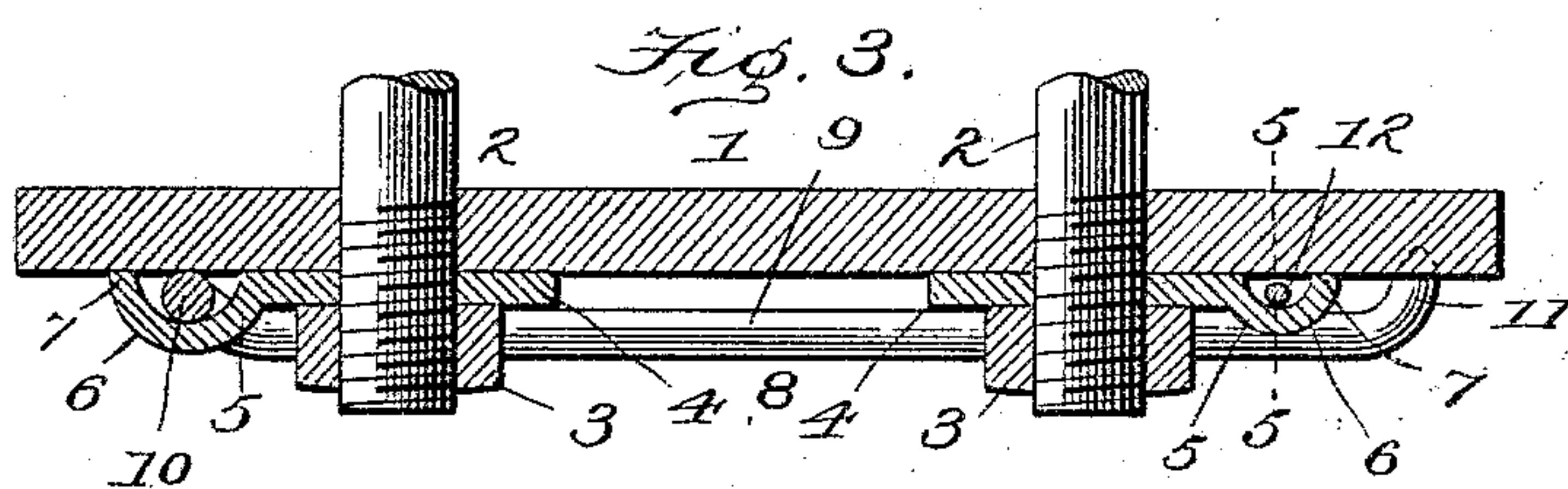
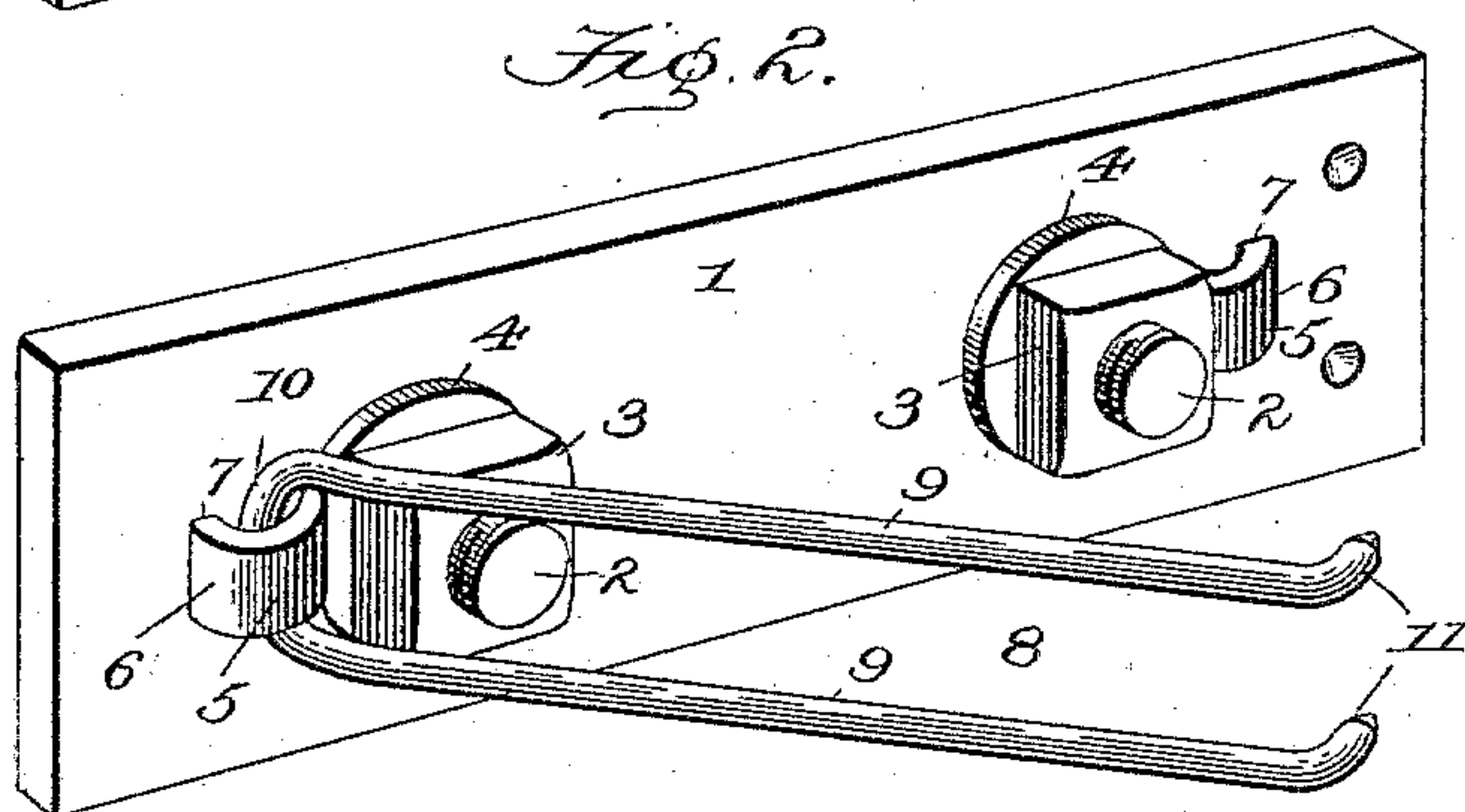
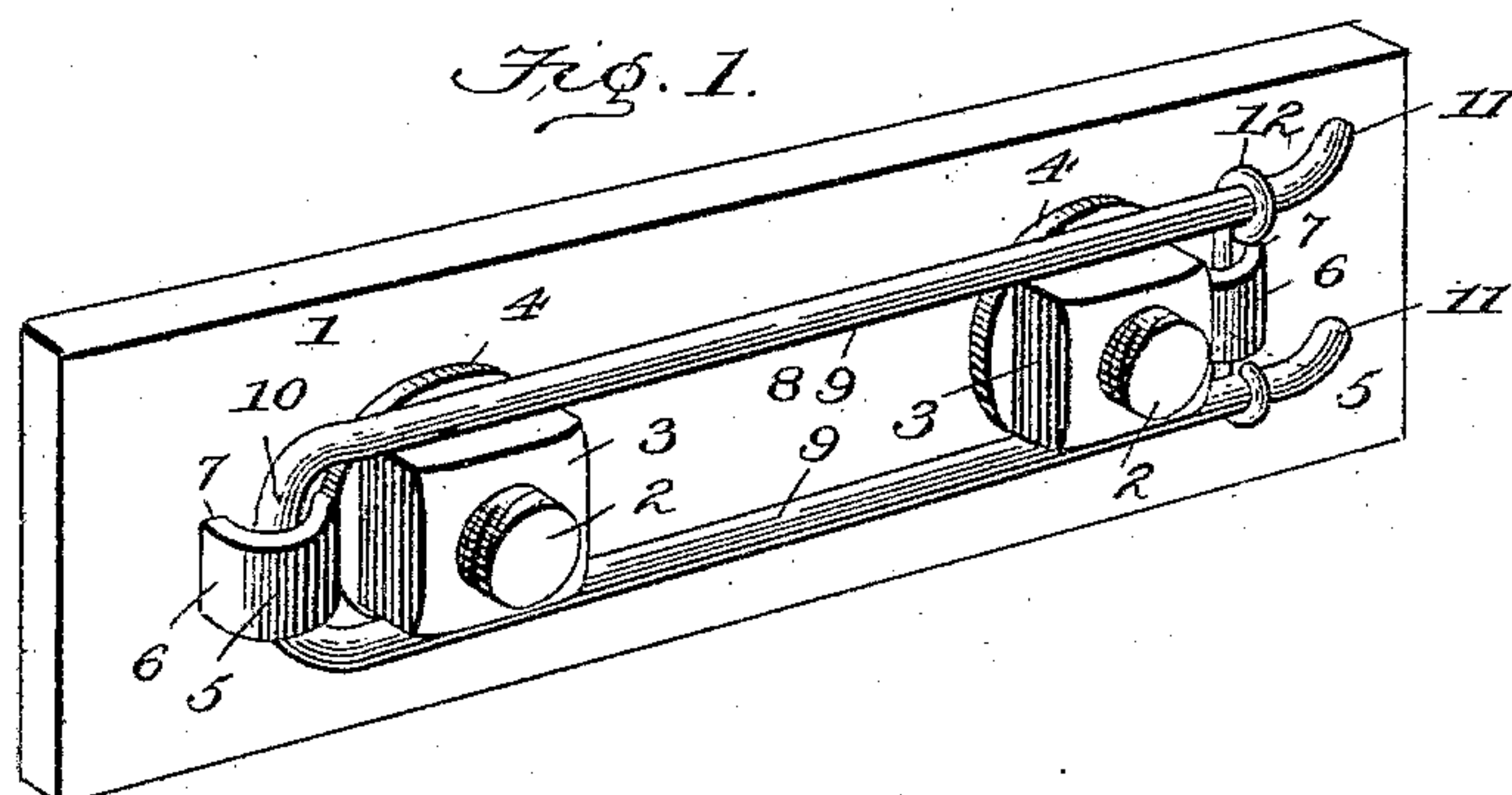


(No Model.)

C. EBERHART.  
NUT LOCK.

No. 597,638.

Patented Jan. 18, 1898.



WITNESSES:

Edwin L. Bradford  
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INVENTOR  
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ATTORNEYS.



# UNITED STATES PATENT OFFICE.

CHRISTIAN EBERHART, OF FOND DU LAC, WISCONSIN.

## NUT-LOCK.

SPECIFICATION forming part of Letters Patent No. 597,638, dated January 18, 1898.

Application filed May 6, 1897. Serial No. 635,373. (No model.)

*To all whom it may concern:*

Be it known that I, CHRISTIAN EBERHART, a citizen of the United States, residing at Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Nut-Locks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention has relation to railway nut-locks; and the object is to provide a simple, cheap, effective, and durable device of this class; and to this end the novelty consists in the construction, combination, and arrangement of the same, as will be hereinafter more fully described, and particularly pointed out in the claims.

In the accompanying drawings the same reference-characters indicate the same parts of the invention.

Figure 1 is a perspective view of my improved nut-lock. Fig. 2 is a similar view showing the parts in position for tightening the nuts. Fig. 3 is a longitudinal section of the lock. Fig. 4 is a detail perspective view of a modification of the locking-link. Fig. 5 is a transverse section on the line 5 5 of Fig. 3.

1 represents the usual fish-plate, 2 the bolt, and 3 the nut.

4 represents a plane cylindrical washer formed with an integral radial ear 5, which is turned inwardly to form a hook 6, having its free end 7 abutting against the outer face of the fish-plate.

8 represents a locking-link comprising the parallel arms 9 9 and the integral semicircular yoke 10, curved downwardly out of the plane of the parallel arms to engage the curved hook on one of the washers 4. The free ends 11 11 of said arms 9 9 are also curved inwardly at an approximate right angle to their respective arms, and their immediate

ends are seated in countersunk recesses in the face of the fish-plate.

12 represents a binding-wire engaging the outer curved ends of the arms 9 9 and the integral hook on the washer to removably secure the locking-link in place.

In the modification I have shown the link closed at both ends; and although I have specifically described the construction and relative arrangement of the several elements of my invention I do not desire to be confined to the same, as such changes or modifications may be made as clearly fall within the scope of my invention without departing from the spirit thereof.

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

1. A nut-lock comprising the fish-plate, the bolt and nut, and the washer provided with the radial hook, in combination with the locking-link, in operative engagement with said washer and nut, and the binding-wire 12 engaging the free ends of said link, substantially as herein shown and described.

2. A nut-lock comprising the fish-plate provided with the countersunk recesses the bolt and nut, and the plane washer provided with the radial hook and arranged on the bolt between said nut and fish-plate, in combination with the locking-link having its yoke secured in said hook, its parallel arms engaging said nut and its free ends engaging said recesses in the fish-plate, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

CHRISTIAN EBERHART.

Witnesses:

P. G. VAN BLARCOM,  
W. PERCY.