

K. Brown.

Nut Lock.

N^o 89,283.

Patented Apr. 27, 1869.

Fig. 1.

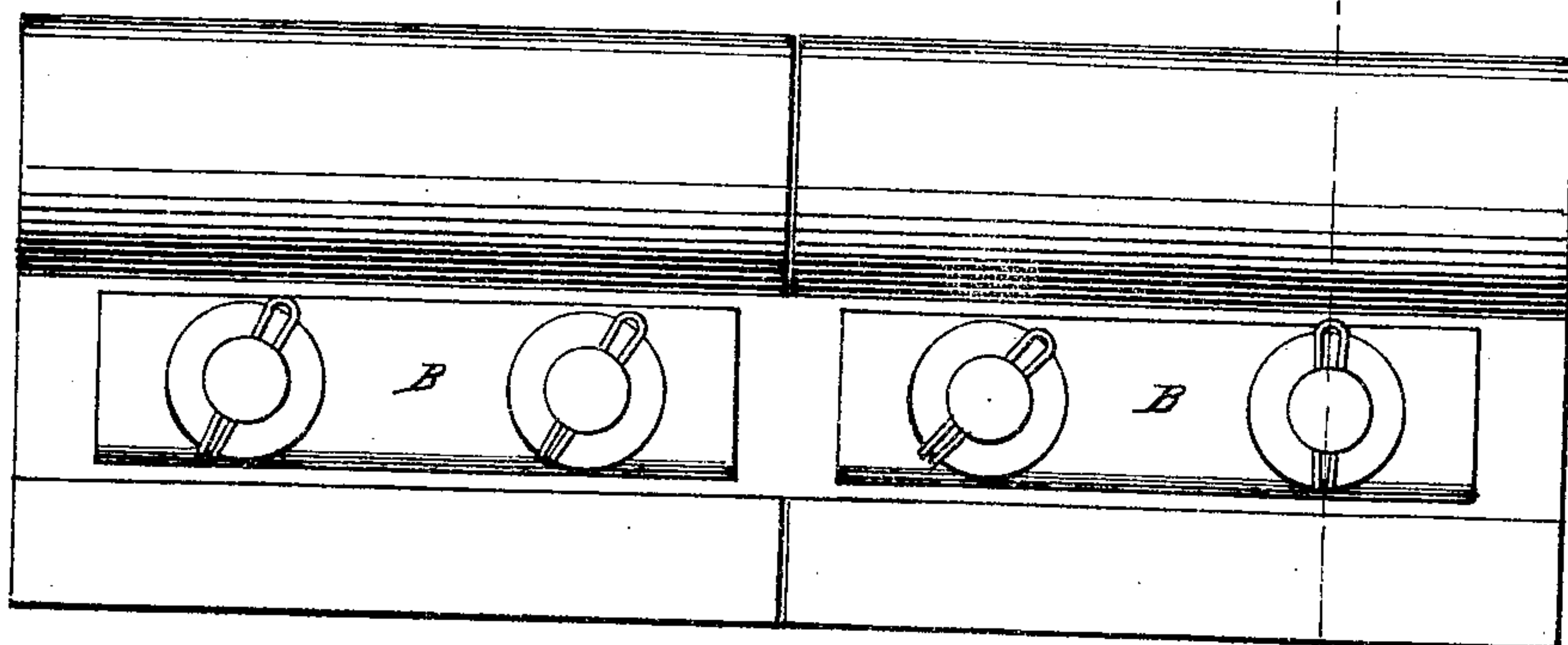


Fig. 2.

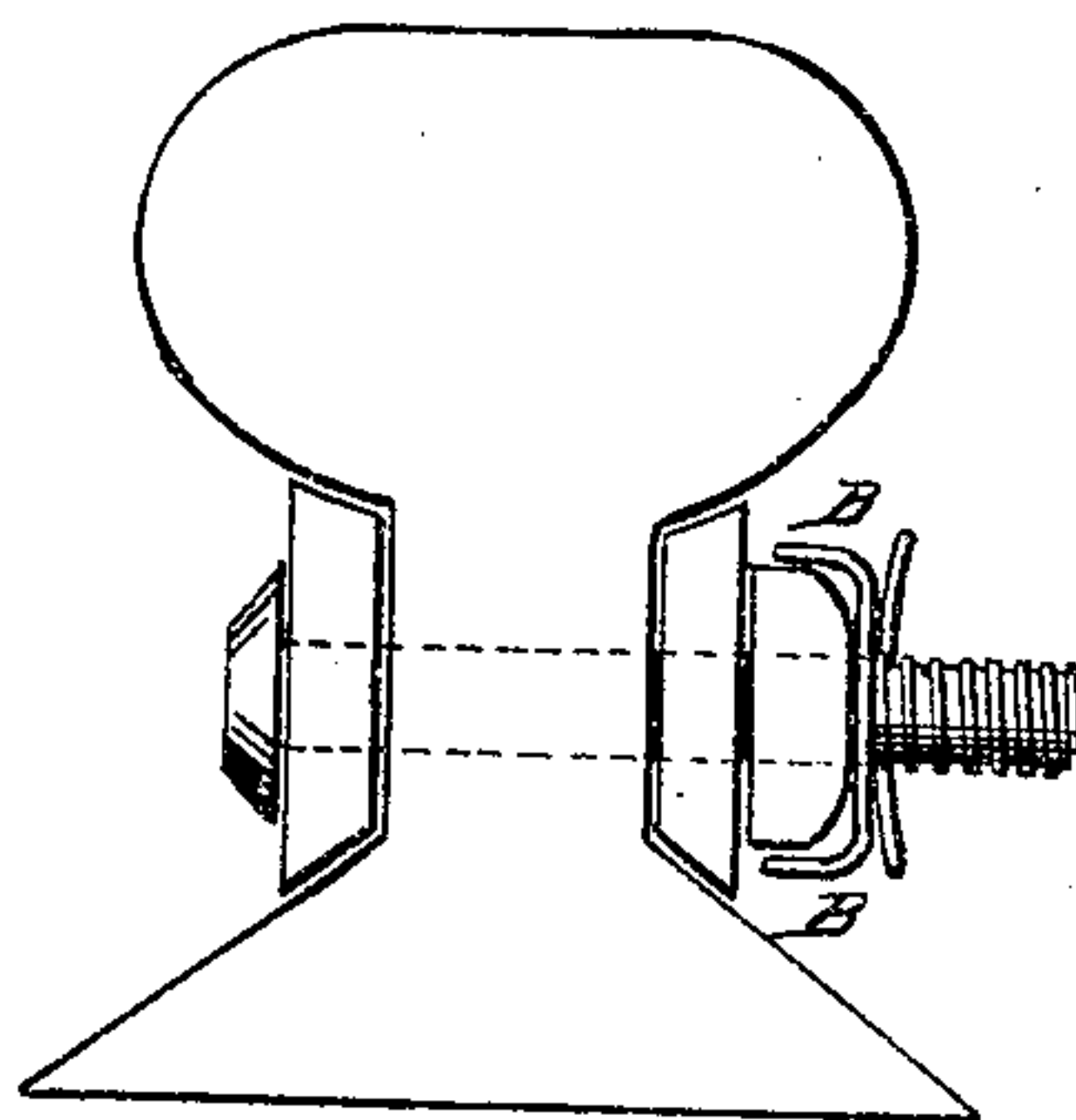
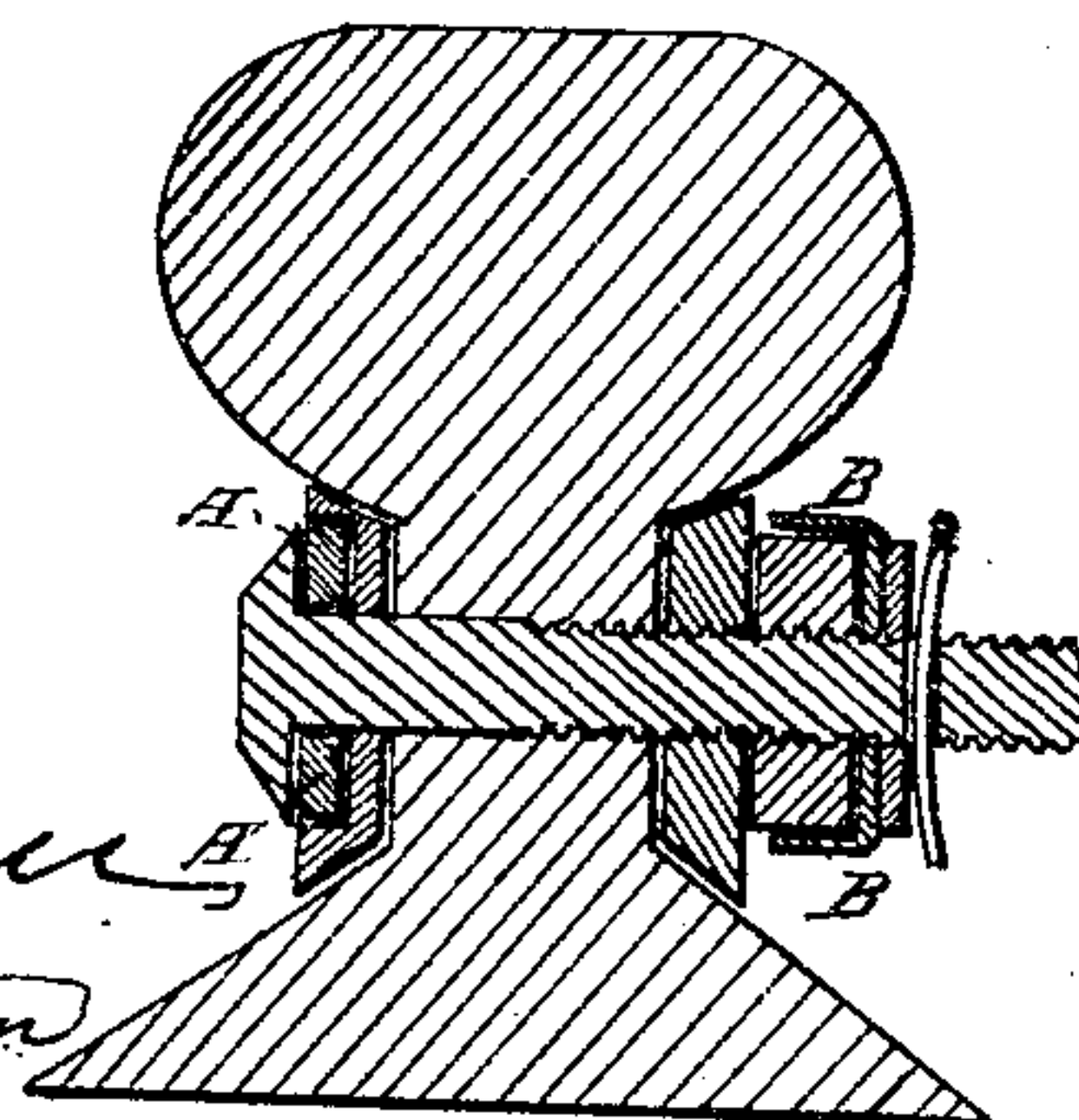


Fig. 3.



Witnesses:

James Grimmer
Chas. Clipperman

Inventor:

Kennedy Brown
G. B. C. Cook atty in fee.



KENNEDY BROWN, OF GARDNER, ILLINOIS.

Letters Patent No. 89,283, dated April 27, 1869.

IMPROVEMENT IN NUT-LOCKS.

The Schedule referred to in these Letters Patent and making part of the same.

Be it known that I, KENNEDY BROWN, of the town of Gardner, county of Grundy, and State of Illinois, have invented a new and improved Mode of Fastening together the ends of Iron Rails upon Railroads; and I hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

I will proceed to describe its construction and operation.

Take two iron rails, placed end to end, as at fig. 1, with iron straps passing along on each side of the rails, and passing the joint between the two rails. These straps are attached to the rails by bolts passing through them, and through the rails, as represented at figs. 2 and 3.

The head of the bolt rests upon a hard rubber ring, placed in a suitable recess to receive it, which ring acts as a rest for the bolt-head, and makes it practicable to tighten the nuts on the bolts, as hereinafter described.

The ends of the bolts are secured by nuts, which, after being screwed up against the straps aforesaid, are

prevented from becoming unscrewed by a nut-lock, represented at letter B, a description of which lock is as follows:

It is a thin sheet or strap, made of iron, or other suitable material, of any required thickness, of which the upper and lower edges are bent on an angle, so that the upper part of the lock shall fit upon the top of the nuts, and the lower part of the lock upon the under side of the nuts, each lock fitting upon two or more nuts, in such manner that one nut shall act as a guard of the other, and prevent its becoming unscrewed and loosened upon the bolt. The bolts which pass through the rails and the straps, pass through the lock, and, by a key passing through the end of the bolt, the lock is held in place.

I claim as my invention, the nut-lock represented at letter B, as and for the purpose above described.

KENNEDY BROWN.

Witnesses:

B. O. COOK,

I. F. BENSON.