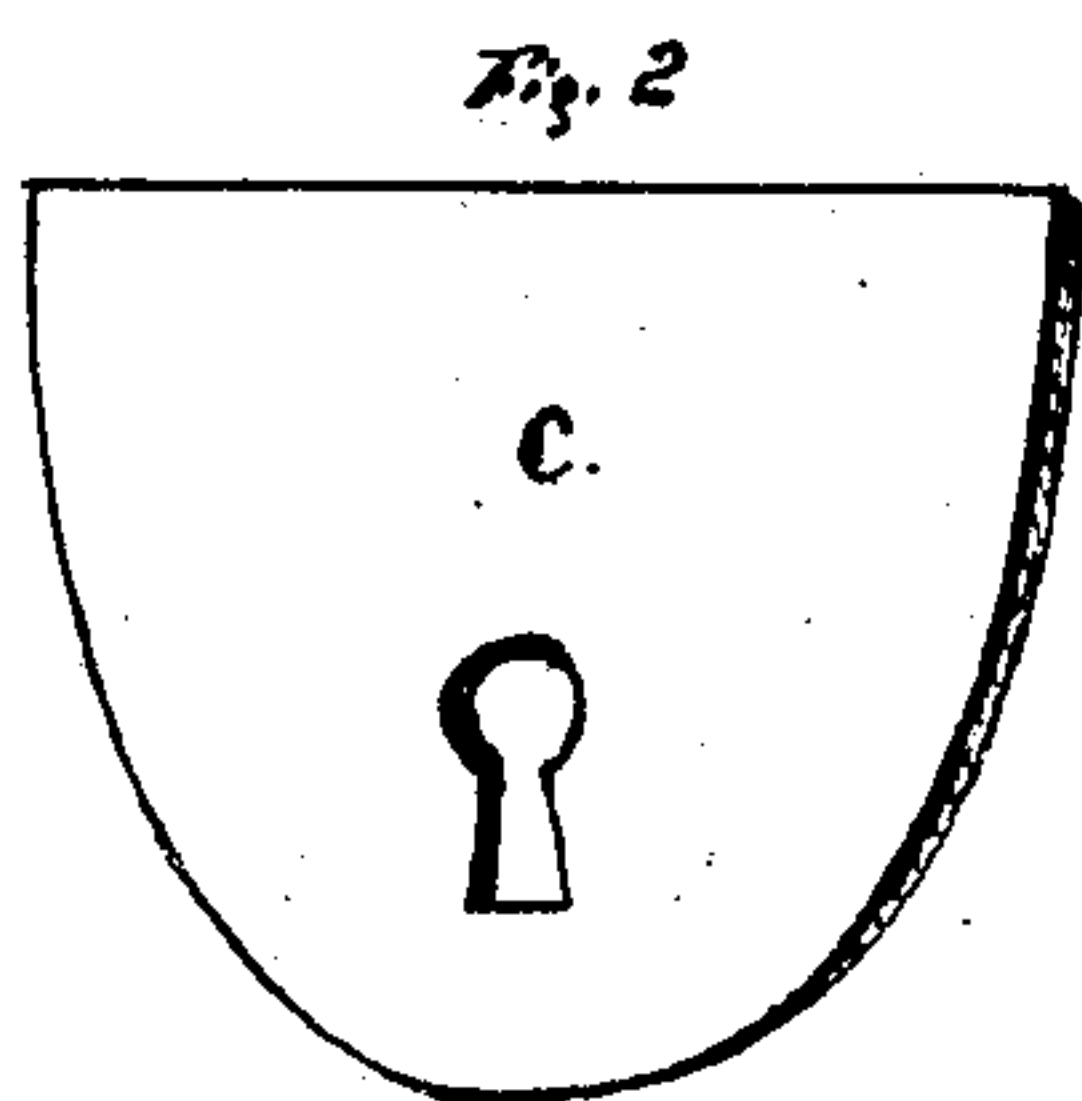
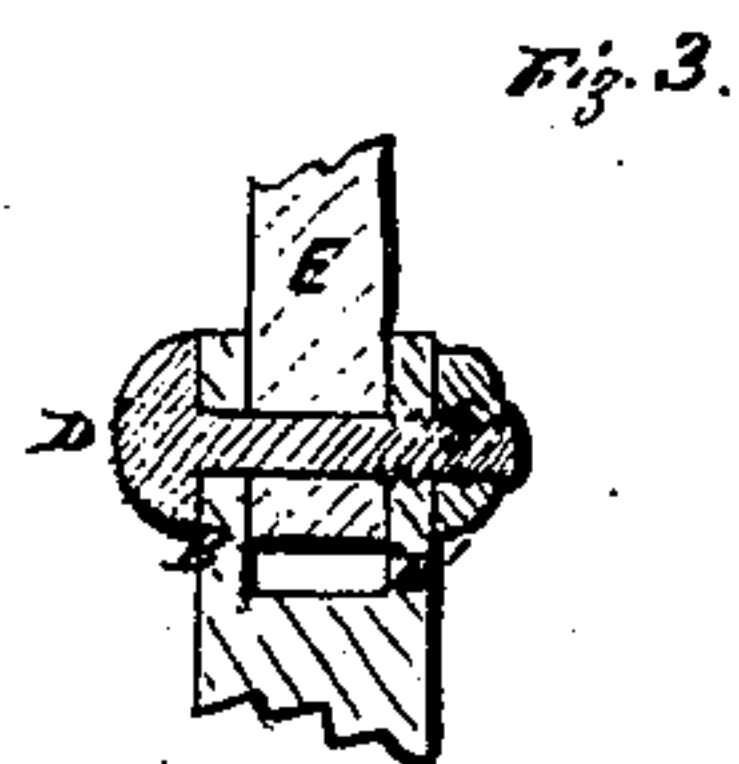
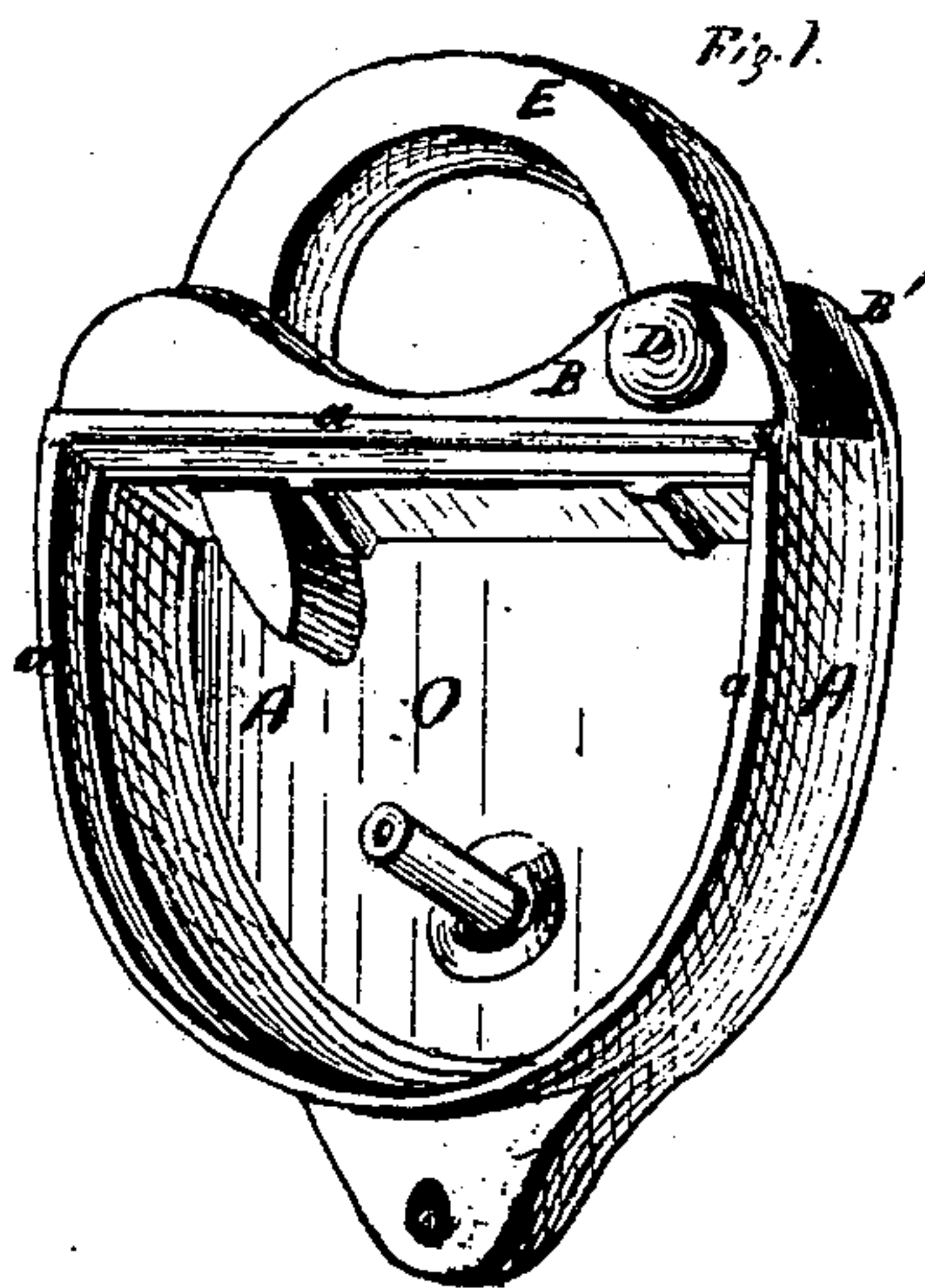


J. M. A. New,

Padlock.

No. 102,661.

Patented May 3, 1870.



Witnesses:
J. B. Turchin
W. H. Price

Inventor:
James M. A. New.

United States Patent Office.

JAMES M. A. DEW, OF CHICAGO, ILLINOIS.

Letters Patent No. 102,661, dated May 3, 1870.

IMPROVEMENT IN PADLOCKS.

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

To all whom it may concern:

Be it known that I, JAMES M. A. DEW, of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Padlocks; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings making part of this specification, and to the letters of reference marked thereon, like letters indicating like parts wherever they occur.

To enable others skilled in the art to construct and use my invention, I will proceed to describe it.

Figure 1 is a perspective view of the case of the lock, without the face-plate;

Figure 2 is the face-plate; and

Figure 3 is a section of the ears and pins securing the neck of padlock to the ears.

The ordinary padlocks used for locking freight-cars, switches, &c., are so constructed that their face-plate is connected with the case of the lock by pins riveted on the back side of the lock; but as the riveted ends of the said pins, in finishing the lock, are considerably filed away, the result is, that by a slanting blow of a hammer, or even of a stick, against the edge of the face-plate, this plate may be partially detached from the case, the bolt of the lock shifted back, the lock opened and carried away, or the car entered.

The object of this invention is to make the padlock so constructed, that it could not be so easily damaged and opened; and

Its nature consists in making the case of the lock, including both ears to which the staple or neck of the lock is secured, cast of one piece of metal, and provided with a flange or rim around the opening, into which the face-plate is fitted, over the edges of which the said flange or rim is hammered down, so as to form a perfect rivet all around the face-plate, thereby preventing the possibility of detaching the face-plate from the case by a hammer or a stick blow.

The invention consists also in so arranging the pin connecting the staple or neck of the lock with the ears of the case, as to have it screwed into the back ear of the case, and then its end riveted over the washer.

A is the case of the lock, cast of one piece, with ears B B', and provided with flange or rim *a*, around an opening, O, in which sets the face or cover-plate C, the edges of which are so beveled or otherwise arranged, that, when the said plate is set in, the flange *a*, by being hammered down, or turned over the edges of the said plate, will form a rivet all around, thereby securing the plate C to the case A so firmly that it cannot be pried off.

D is a pin, securing the staple or neck E of the lock to the ears B B'. It is provided with a screw-thread, S, fitting a female screw-thread cut in the back ear B', into which the said pin is screwed before the washer F is screwed on, and the end of the said pin is riveted over the said washer.

With this arrangement, any mutilation of the ear B', for the purpose of disengaging the pin, will mutilate also the screw-threads to such an extent, that it will be impossible for the thief to screw out the pin.

What I claim as new and my invention, and desire to secure by Letters Patent, is—

1. A padlock case, consisting of the part A, cast complete, with a recess around the inner side of its rim, and the plate C set therein, and secured by riveting the edge of the rim down upon the plate all around, substantially as described.

2. The pin D, secured in place by being screwed into the ear of the case, and having a washer riveted upon its outer end, substantially as herein set forth.

JAMES M. A. DEW.

Witnesses:

J. B. TURCHIN,
WILL H. PRICE.