

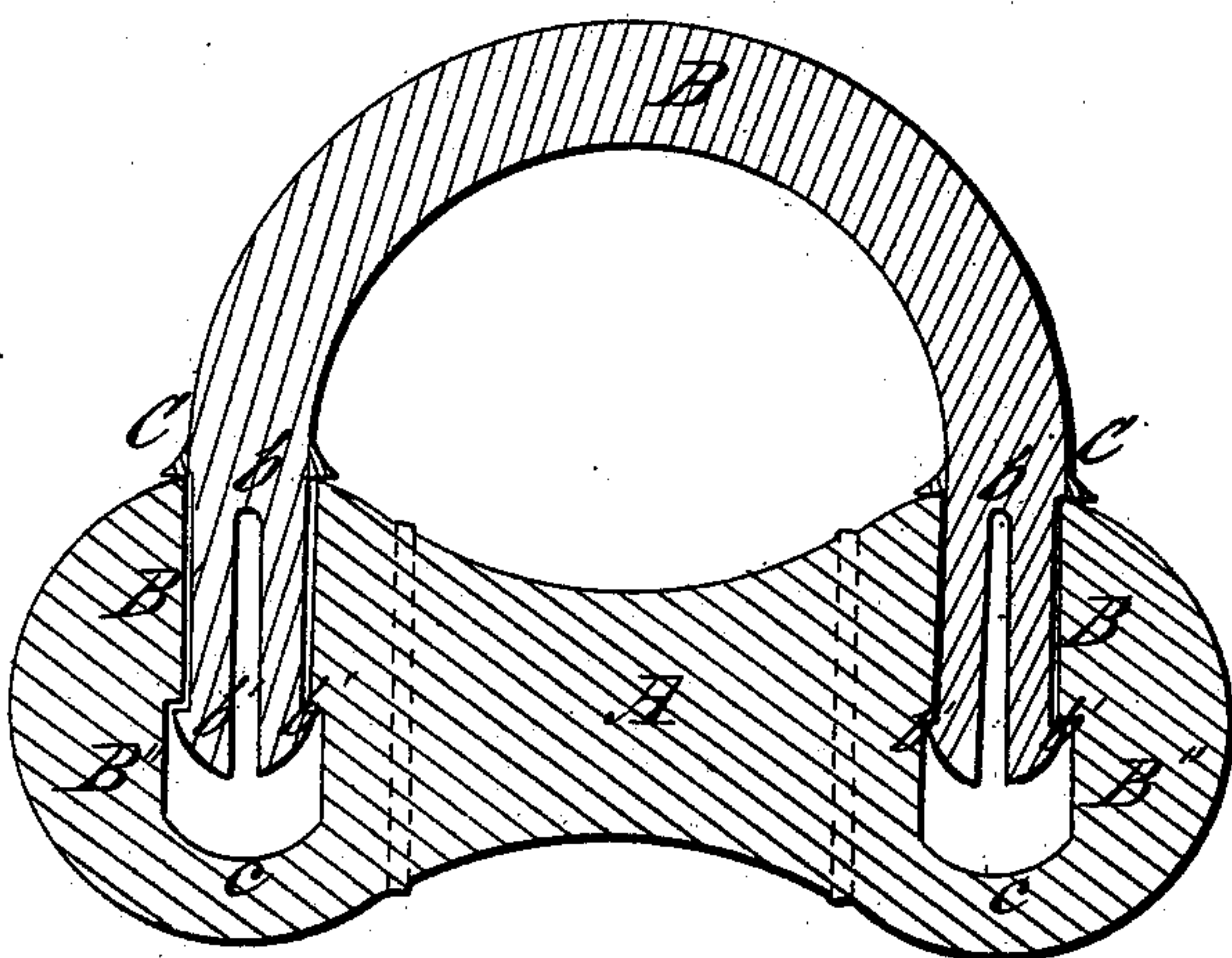
*S. Bickerstaff,*

*Seal Lock.*

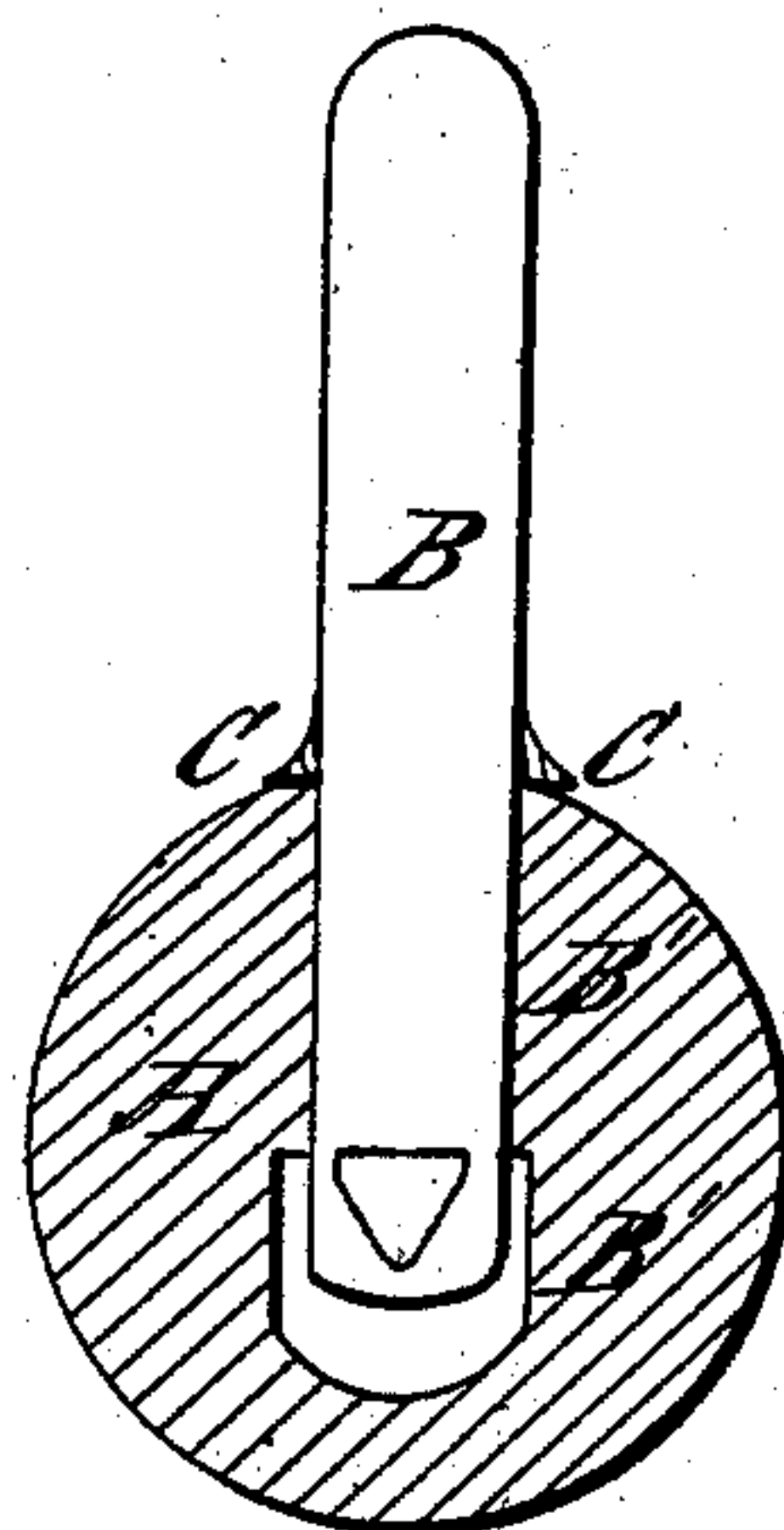
*N<sup>o</sup> 77,953*

*Patented May 19, 1868.*

*Fig. 1*



*Fig. 2*



*Witnesses*

*Wm. H. M. G. head*

*John D. Bloor*

*Inventor*

*S. Bickerstaff*

# United States Patent Office.

S. BICKERSTAFF, OF CINCINNATI, OHIO.

*Letters Patent No. 77,953, dated May 19, 1868.*

## IMPROVEMENT IN HERMETICALLY-CLOSED AND KEYLESS PADLOCK.

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, S. BICKERSTAFF, of the city of Cincinnati, county of Hamilton, and State of Ohio, have invented a novel Method of Manufacturing "Seal Locks;" and I do hereby declare that the following is a full and clear description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, in which—

Figure 1 is a vertical longitudinal sectional of the invention.

Figure 2 is a transverse section of the same.

A is the body of the lock; B is the shackle; B', the orifices of the body for the reception of the shackle, enlarged at the bottom, as seen at B''; b b, slots cut in the shackle; b' b', the catches at the ends of the shackle; C C, shoulders on the shackle to prevent the entrance of water to the interior of the lock.

The object of this invention is to provide a seal-lock for Government and other purposes, by which tampering with the lock is prevented, and the money or other valuables kept secure until such times as may be desired to open the same by the proper authority.

I construct a bar of composition or other metal, of cylindrical or other form, which may be entirely plain or ornamental, as represented. At each end, and parallel with each other, I cast or bore holes, of the size of the shackle, some distance beyond the axis of the cylinder, and from the axis I enlarge the lower part about one-eighth of an inch or more, the shackles to be made of steel or other metal, and the two ends to be staved up to form a boss to fit the size of the lower chamber neatly. I then saw the slots in the ends about an eighth of an inch wide, and long enough only to give elasticity to the sides of the shackle. The notches around the bosses are then cut and neatly fitted, so that the ends of the shackle can be forced into the cylindrical holes by compressing the sides, and which will immediately open when they are forced below the upper edges of the enlarged chambers.

The shackle, when completed, is to be properly hardened, so that it cannot be easily cut; and, to open the lock, the body or shackle must be sawed in two.

It will be seen that I construct this self-sealing keyless lock of only two pieces, having neither rivets, bolts, screws, nor openings of any kind, except for the reception of the shackle, and which is burglar-proof, and must be destroyed to be opened.

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

A self-sealing or keyless padlock, consisting of two pieces only, the body and the shackle, and constructed without rivets, bolts, screws, or openings of any kind, except for the reception of the shackle, substantially as shown and described.

S. BICKERSTAFF,

Witnesses:

JNO. S. HOLLINGSHEAD,  
JOHN D. BLOOR.