

No. 649,518.

Patented May 15, 1900.

W. H. KESSLER.
PIPE LOCK.

(Application filed Jan. 17, 1900.)

(No Model.)

Fig. 1.

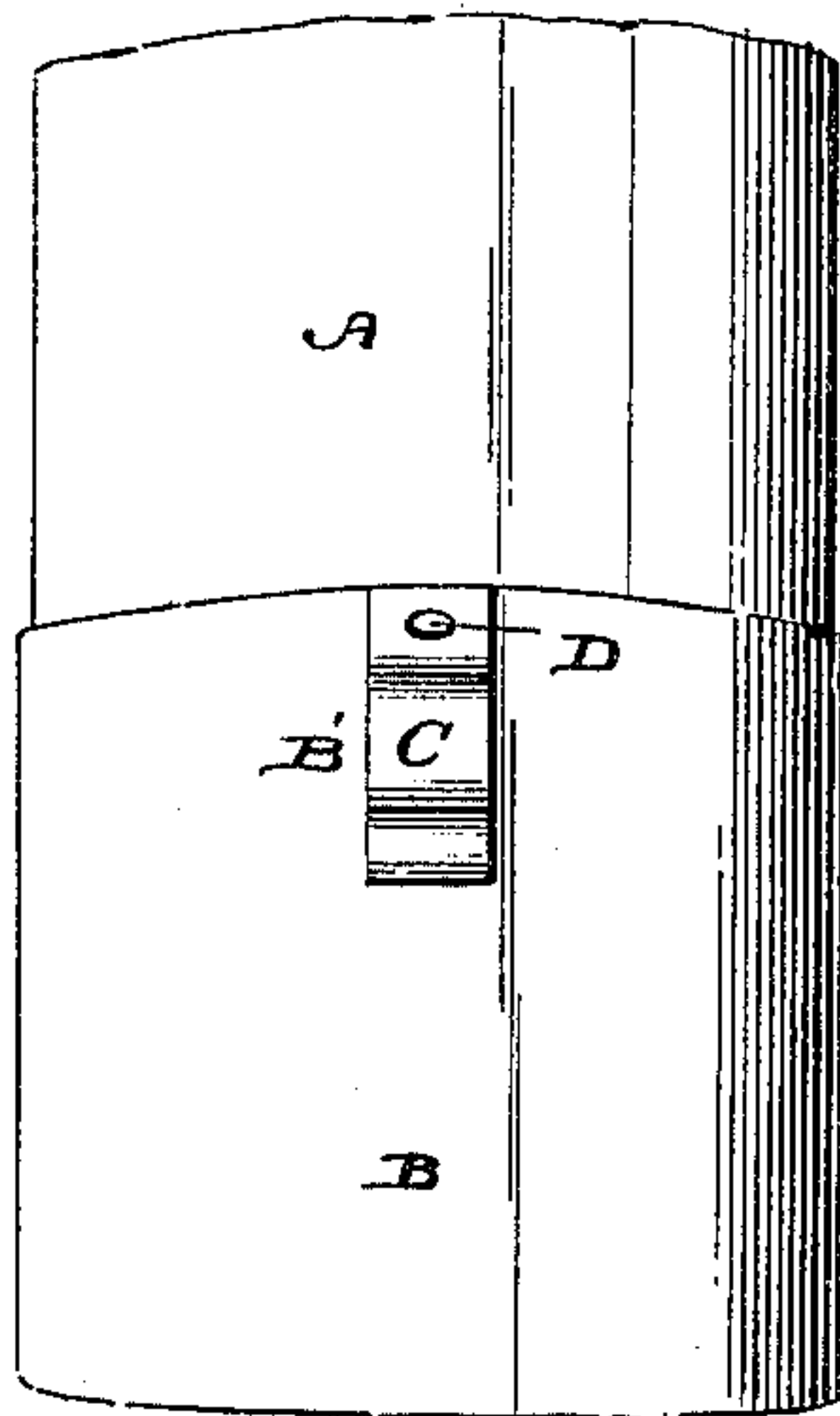


Fig. 2.

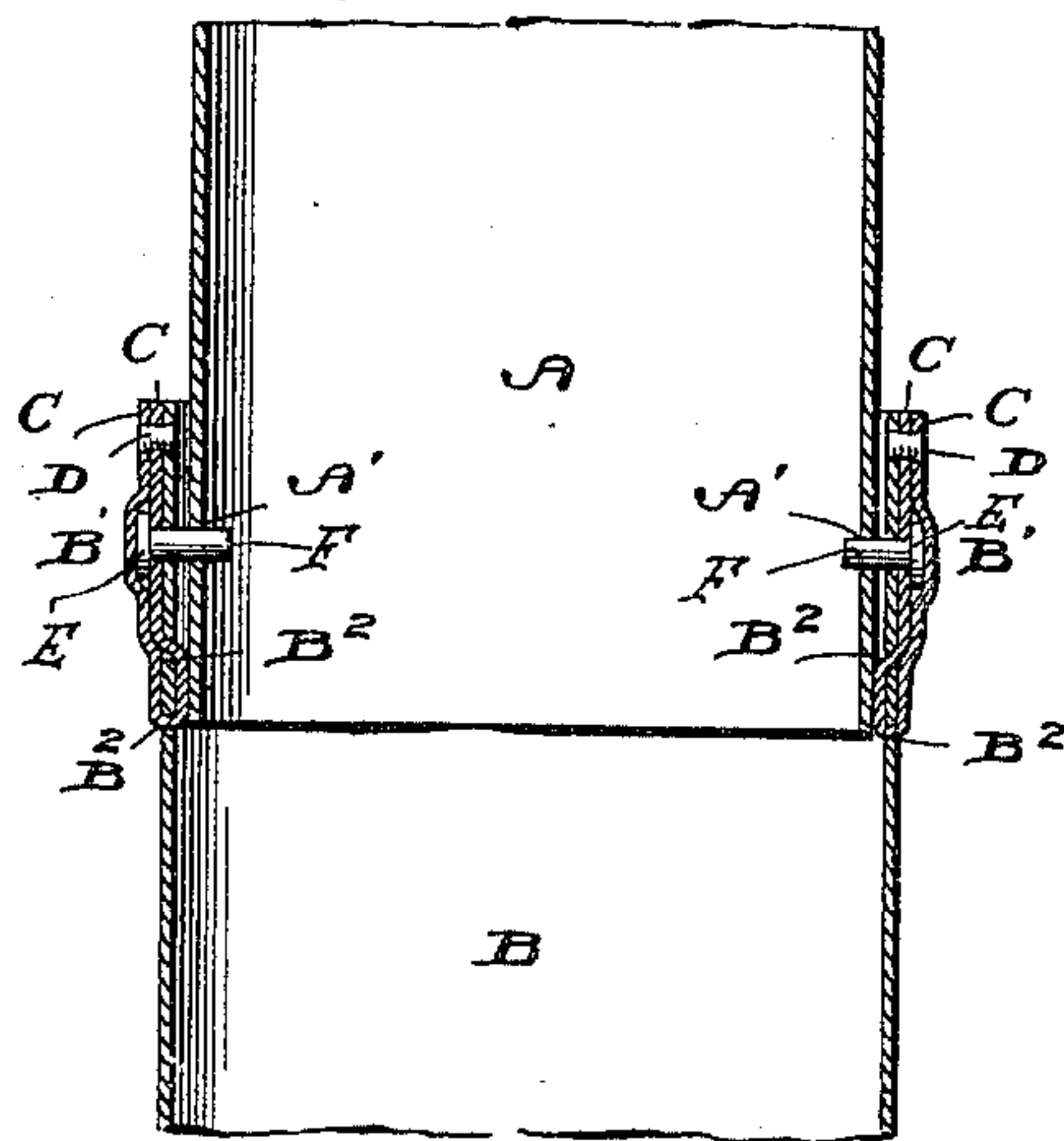
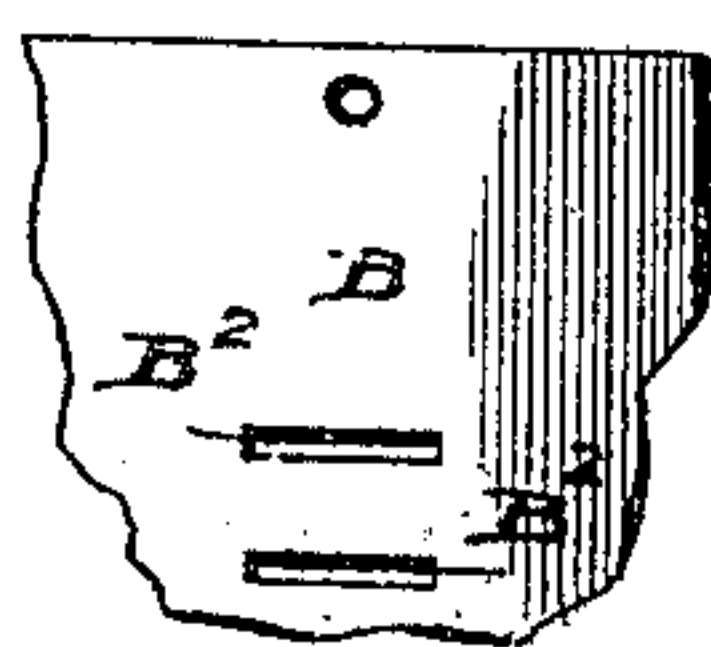


Fig. 3.



Witnesses:

May E. Moore



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UNITED STATES PATENT OFFICE.

WILLIAM H. KESSLER, OF MERWIN, MISSOURI.

PIPE-LOCK.

SPECIFICATION forming part of Letters Patent No. 649,518, dated May 15, 1900.

Application filed January 17, 1900. Serial No. 1,757. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. KESSLER, a citizen of the United States, residing at Merwin, in the county of Bates and State of Missouri, have invented certain new and useful Improvements in Pipe-Locks, of which the following is a specification.

My invention relates to improvements in pipe-locks, and refers particularly to a lock for the joints or sections of stovepipe or gutter-pipe, the object being the production of a simple, inexpensive, and practical lock by means of which the sections may be quickly and firmly connected or disconnected when desired and which means will strengthen or reinforce the pipe at the points of joining or locking.

To attain the desired object, my invention consists of a pipe-lock embodying novel features of construction and combination of parts, substantially as disclosed herein.

Figure 1 represents a perspective view of portions of two sections of stovepipe locked with my device. Fig. 2 represents a sectional view through the locking means, and Fig. 3 represents a detail view of the parts of the lock on an enlarged scale.

In the drawings, A designates one section of a stovepipe provided with the bayonet-slots A', and B designates the other section, having the locking or securing means B', which engage the slots and secure the sections together.

My locking device is of peculiar and novel construction; and it consists of a strip of metal doubled to form two leaves C, which at their bends pass through the slots B² of the pipe-section, and the leaves at their outer

end are secured by the rivet D to the pipe and between the leaves is held the head E of the locking-pin F, and by this construction it will be seen that the locking device makes the pipe stronger at the joint than at any other point, so that it is impossible for the pipe-sections to break at the point of connection, which is of vital importance.

It is evident from the foregoing that I provide a pipe-lock which is simple, cheap, easily applied and detached, and that it is entirely practical and efficient for the intended purpose.

I claim—

1. The combination with the pipe-section having the slits, of the strip passing through said slits and doubled upon itself with the bend engaged in one of the slits, said strip carrying an intermediate locking tongue or pin, and a rivet securing the outer end of said doubled strip.

2. The combination with a pipe-section having transverse slits, of strips each doubled to form two leaves one of which is passed through the slits, means securing the ends of the leaves to the said pipe-section, a pin having its head held between the leaves with its other end extended through the pipe-section, and another pipe-section having bayonet-slots to receive said pins, all substantially as shown and described.

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

WILLIAM H. KESSLER.

Witnesses:

D. P. WILSON,
Z. H. CRAWFORD.