

J. L. LORING.
STOVE-PIPE JOINT.

No. 177,729.

Patented May 23, 1876.

Fig. 1.

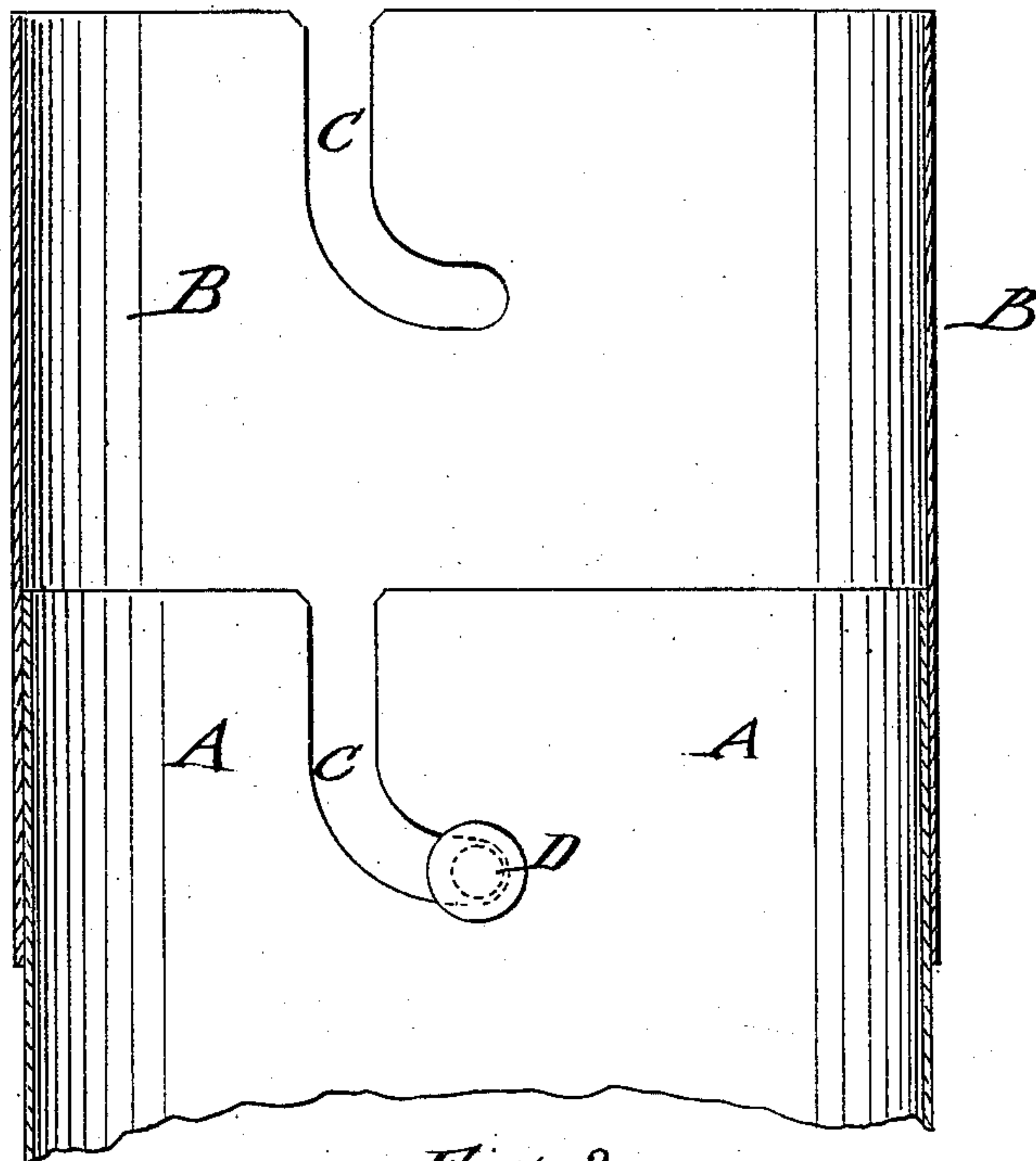
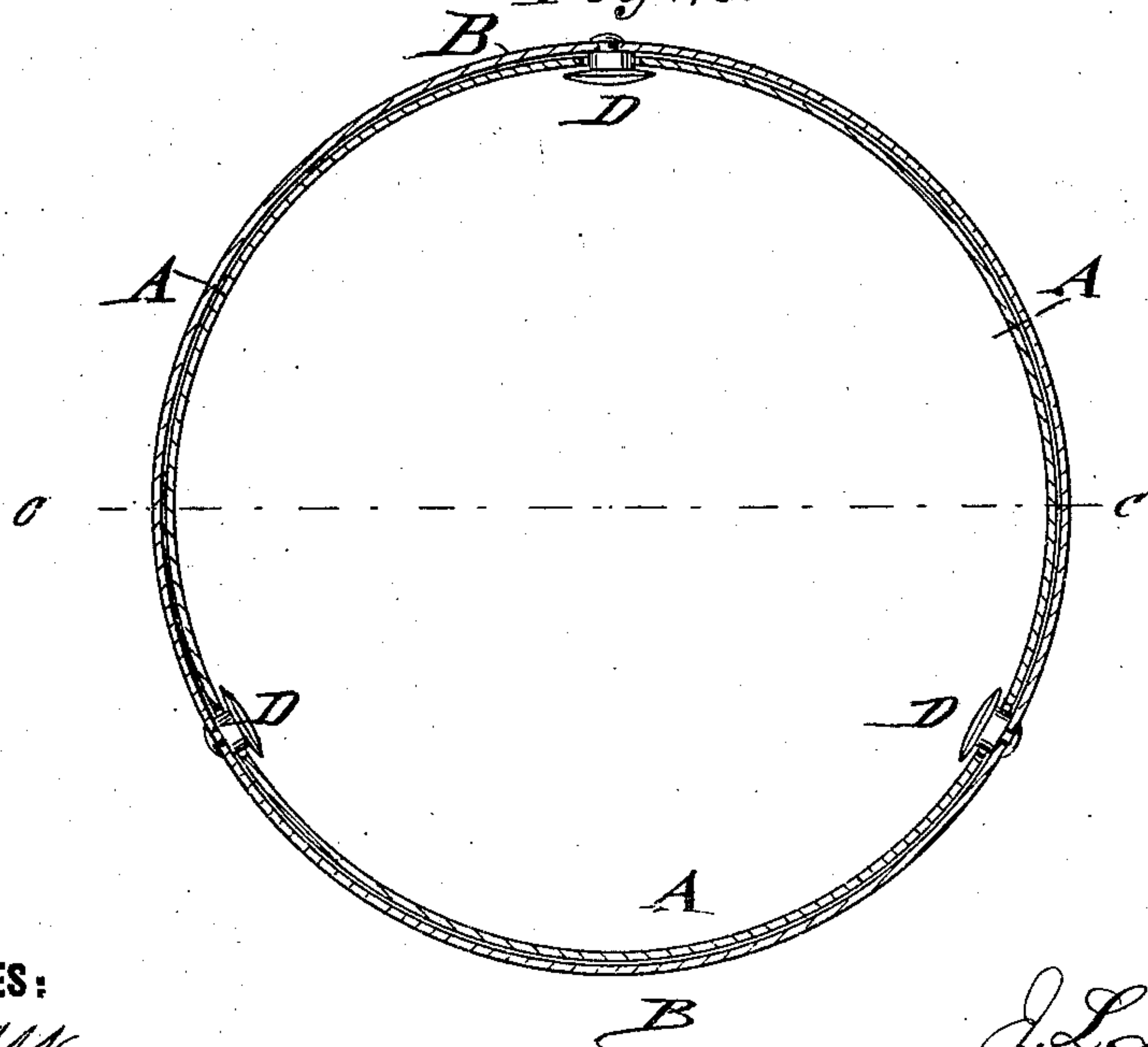


Fig. 2.



WITNESSES:

E. Wolff.
John Goethals

INVENTOR:

J. L. Loring
BY *mmu*

ATTORNEYS.

UNITED STATES PATENT OFFICE.

JAMES L. LORING, OF DALLAS CENTRE, IOWA, ASSIGNOR TO HIMSELF,
FORTUNATUS HUBBARD, AND JUDSON PURINTON, OF SAME PLACE.

IMPROVEMENT IN STOVE-PIPE JOINTS.

Specification forming part of Letters Patent No. 177,729, dated May 23, 1876; application filed
March 21, 1876.

To all whom it may concern:

Be it known that I, JAMES L. LORING, of Dallas Centre, Dallas county, Iowa, have invented a new and Improved Stove-Pipe Joint, of which the following is a specification:

Figure 1 represents a vertical central section on line *c c*, Fig. 2, of my improved stove-pipe joint; and Fig. 2 is a horizontal section of the same.

Similar letters of reference indicate corresponding parts.

My invention relates to an improved stove-pipe joint that forms a solid and firm connection of the pipes, so that they cannot be pulled apart or pushed together, while being readily disconnected when required.

The invention consists of slots or recesses at the end of one pipe, in connection with rivets or studs of the other pipe end, the rivets having broad interior heads, and shanks nearly of the width of the slots.

In the drawing, A and B represent the stove-pipes that are to be connected. The end of the stove-pipe A slides into the end of pipe B, and locks, by two or more slots or recesses,

C, on studs or rivets D of pipe B. The recesses C are made of curved or L shape, and extend from the edge inwardly to guide the rivets D, which slide by their shanks, having nearly the width of the slots, up to the ends of the same, and bind by broad heads on the inner pipe, and lock the pipes securely together. The outer and thinner ends of the rivets D are applied to small holes of the pipe B by means of the shanks that form shoulders bearing on the pipe, and by flattening the outer ends of the rivets, the stove-pipes are quickly detached by turning the outer pipe so that the rivets move back in the slots and discontinue the interlocking with the slots.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A joint for two pipes, A B, formed by the curved slot C, and broad-headed stud D, as shown and described.

JAMES L. LORING.

Witnesses:

J. H. NAZARENE,
J. O. LORING.