

H. K. CRUIT.
Lapping Joints for Pipes.

No. 146,657.

Patented Jan. 20, 1874.

Fig. 1.

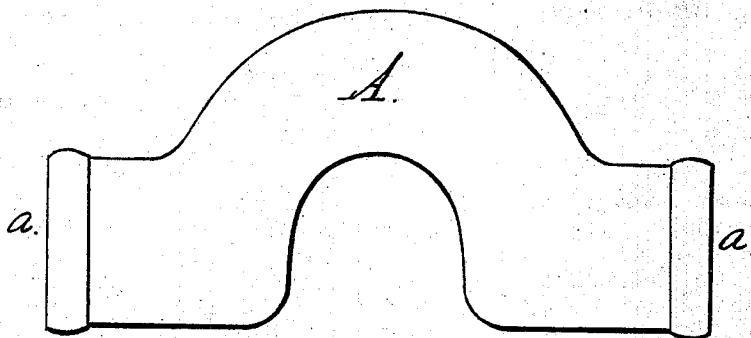
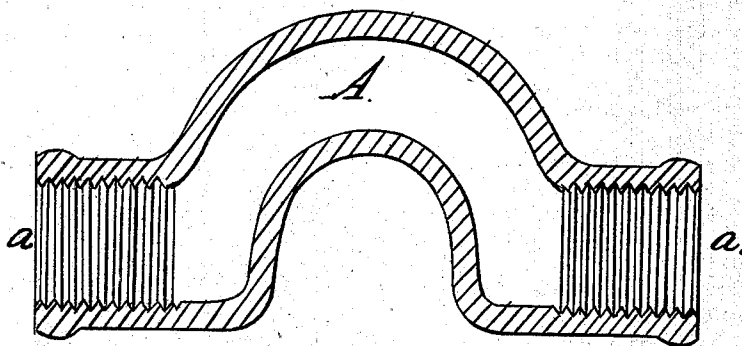


Fig. 2.



Witnesses :

W. Burris

C. P. Goodwin

Inventor :

Henry Cruit

per G. B. Towles att

UNITED STATES PATENT OFFICE.

HENRY K. CRUIT, OF WASHINGTON, DISTRICT OF COLUMBIA.

IMPROVEMENT IN LAPPING JOINTS FOR PIPES.

Specification forming part of Letters Patent No. **146,657**, dated January 20, 1874; application filed October 18, 1873.

To all whom it may concern:

Be it known that I, HENRY K. CRUIT, of Washington city, in the county of Washington and District of Columbia, have invented a new Lapping Joint for Pipes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use it, reference being had to the accompanying drawings which form part of this specification.

Figure 1 is a side view of my new lapping-joint for pipes. Fig. 2 is a longitudinal section.

Like letters in both figures of the drawing indicate like parts.

In gas-fitting and plumbing it is frequently found necessary to carry one pipe across another; which is done by heating and bending the pipe over the cross-pipe, or bending it over without heating it, as the case will admit of, all of which requires a good deal of time and labor to accomplish successfully without breaking the pipe. Now, the object of this invention is to avoid this; and it consists of a "lapping joint," made of malleable iron, brass, or other suitable material, and curved so as to lap snugly over a cross-pipe, and having a screw fitting at each end to connect with the end of a pipe on each side of the said cross-pipe, the said joint to be manufactured and sold the same as other articles are, for gas-fitters' and plumbers' use.

A represents the joint suitably curved to lap over a cross-pipe, and made straight for a short distance from where the curve begins to the ends, and provided with screw-threads *a a*, so as to connect the joint with the ends of the pipe on the sides of the cross-pipe.

As hereinbefore mentioned, a good deal of time and expense are required to accomplish the crossing of one pipe over another, and with all the care taken in bending the pipe over the cross-pipe, it will sometimes break, and should the bending of the pipe be accomplished successfully, an unsightly protuberance is produced, which, in many cases, cannot be concealed in the wall. This joint will avoid the objections above noted, and when made of brass will give a neat finish to the pipe when left exposed.

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

The lapping joint A, having a curve to fit over a cross-pipe, and screw-fittings *a a* on the ends for making the proper connections, substantially as shown, and for the purpose set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 22d day of September, 1873.

HENRY K. CRUIT.

Witnesses:

PATRICK NOONAN,
DAVID MURPHY.