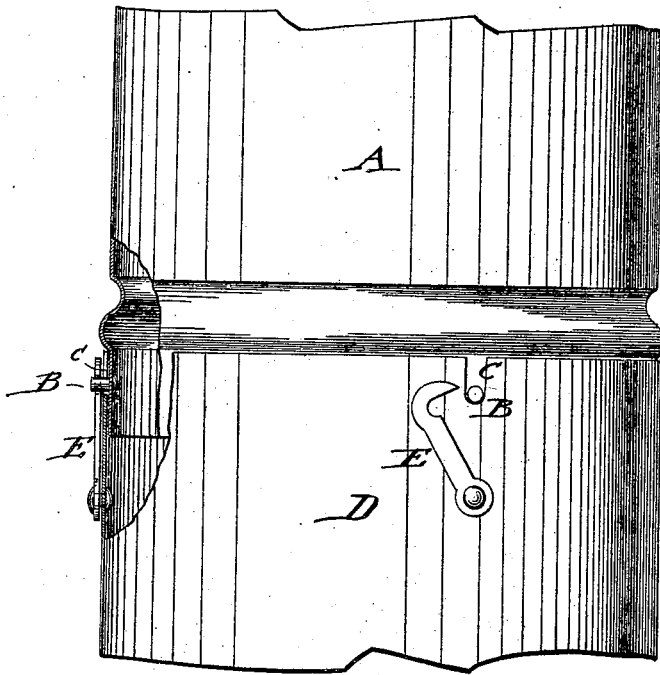


R. MAINER.
STOVE-PIPE JOINT.

No. 183,315.

Patented Oct. 17, 1876.



WITNESSES:

Chas. Nida
John Coethals

INVENTOR:

R. Mainer

BY

Wm. H. [Signature]
ATTORNEYS.

UNITED STATES PATENT OFFICE.

ROBERT MAINER, OF ORILLA, ONTARIO, CANADA, ASSIGNOR TO HIMSELF
AND CHARLES McINNIS, OF SAME PLACE.

IMPROVEMENT IN STOVE-PIPE JOINTS.

Specification forming part of Letters Patent No. **183,315**, dated October 17, 1876; application filed
March 25, 1876.

To all whom it may concern :

Be it known that I, ROBERT MAINER, of Orilla, Province of Ontario, Canada, have invented a new and Improved Stove-Pipe Joint, of which the following is a specification :

The accompanying drawing represents a sectional side elevation of my improved stove-pipe joint.

My invention relates to an improved stove-pipe joint of superior construction, by which the danger of fire is avoided, wire supports dispensed with, and only a short connection of pipes at the ends, instead of a wide overlapping joint, is required.

The invention consists of rivets at the end of one stove-pipe entering into slits of the other stove-pipe end, and being locked by pivoted fastening-hooks of the same.

In the drawing, A represents a stove-pipe, which is provided with two or more rivets, B, that project at the outside of the pipe, and enter the corresponding slots C of the connecting stove-pipe D. Hooks E are pivoted to the stove-pipe D near the slots or recesses C, and carried over the rivets or pins B, where the same are inserted into the slots.

The rivets and slots secure the stove-pipe ends against being turned axially, while the hooks lock them rigidly together, so as to form a stiff and reliable joint.

There is no danger of fire from the accidental separation of the pipes, while the rigid joint dispenses with wire supports, except at the elbows.

The pipes overlap only about an inch, but are jointed as securely as if riveted, with the advantage of being readily put together or separated.

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

In a stove-pipe joint, the combination of a stove-pipe end having projecting rivets or studs with the connecting stove-pipe end having slots and pivoted locking-hooks, substantially as specified.

ROBERT MAINER.

Witnesses:

JOS. ETTERS HANK,
FRANK EVANS.