

G. G. OSWELL.
 STOVEPIPE FASTENER.
 APPLICATION FILED MAY 24, 1909.

961,985.

Patented June 21, 1910.

Fig. 1.

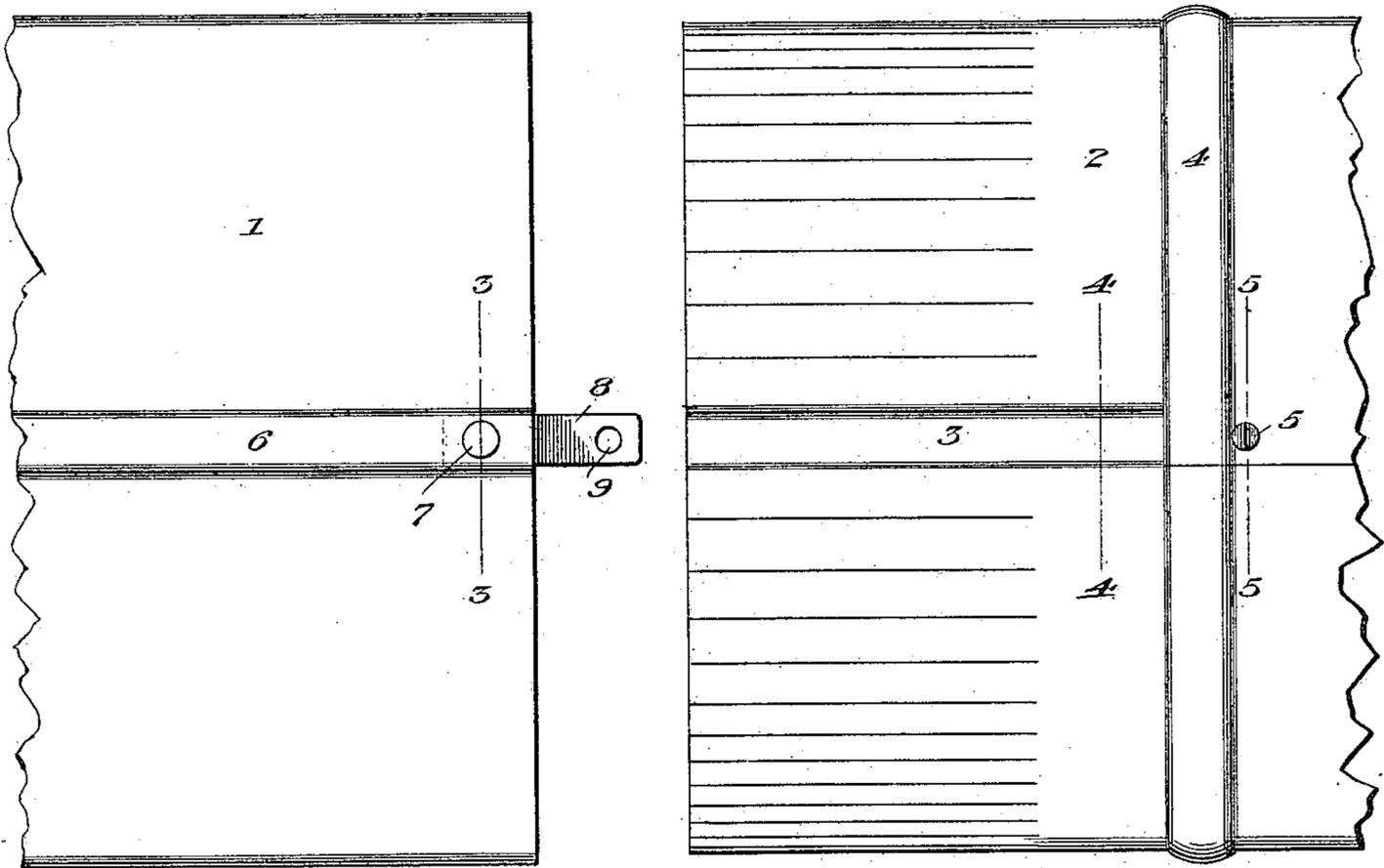


Fig. 2.

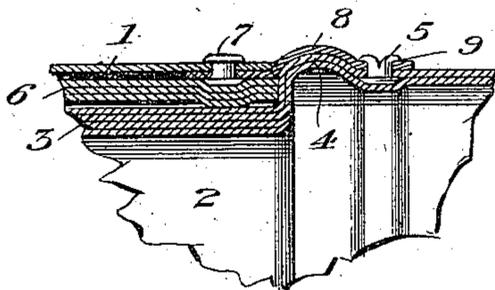


Fig. 3.



Fig. 4.

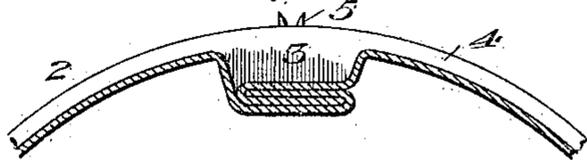
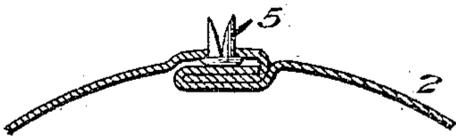


Fig. 5.



Inventor

Witnesses

G. V. Lockwood

By

George Fairfield Oswell
Henry N. Copp
 his Attorney

UNITED STATES PATENT OFFICE.

GEORGE GARFIELD OSWELL, OF ATKINSON, MINNESOTA.

STOVEPIPE-FASTENER.

961,985.

Specification of Letters Patent. Patented June 21, 1910.

Application filed May 24, 1909. Serial No. 498,029.

To all whom it may concern:

Be it known that I, GEORGE GARFIELD OSWELL, a citizen of the United States, residing at Atkinson, county of Carlton, and State of Minnesota, have invented certain new and useful Improvements in Stovepipe-Fasteners, of which the following is a specification.

My invention relates to stove pipe fasteners.

The object of the present invention is the provision of a stove pipe fastener of simple and strong construction which will occupy but little space, in no manner detract from the appearance of the stove pipe, and will enable the stove pipe sections to be securely fastened together with rigidity and ease by any one.

The invention contemplates the provision of a depressed seam on one of the stove pipe sections, a connecting strip attached to the seam on the other stove pipe section, and a novel fastener for connection to the strip whereby the seams are securely engaged and the fastening strip rigidly held, thus affording a tight joint.

In the accompanying drawing:—Figure 1 is a view of the ends of stove pipe sections equipped with my invention; Fig. 2, a longitudinal detail section showing how one of the seams is received in the depressed part of the other seam and the fastener is connected; Fig. 3, a section on line 3—3 of Fig. 1; Fig. 4, a section on line 4—4 of Fig. 1; and Fig. 5, a section on line 5—5 of Fig. 1.

The stove pipe sections are shown at 1 and 2. The seam on the section 2 is depressed as shown at 3 in Figs. 1 and 4 and a bead 4 is provided on said section. Extending through the section 2 back of bead 4 and having its head disposed between the lapings of the seam as shown in Figs. 2 and 5, is a split rivet or fastener 5.

Disposed between the parts of the seam 6 on the section 1 and secured by a rivet or other suitable fastener 7, is a fastening strip

8 (Figs. 1 and 3) which projects beyond the end of said section and is provided with an aperture 9 through which the split fastener 5 is adapted to be passed and bent down as shown in Fig. 2 when the joint sections 1 and 2 are fastened together.

When the sections 1 and 2 are assembled, the section 1 fits over the section 2 up to the bead 4, the seam 6 which is disposed within the section 1 being received in the depressed part 3 of the seam of section 2 thus locking the respective sections against relative rotation. The strip 8 being of some readily bendable material such as sheet iron, is bent over the bead 4 and the rivet 5 passed through the hole 9 and spread, as shown in Fig. 2. This spreading operation can be performed with a screw driver or penknife and no other tool is necessary to bring about the fastening of the parts together. The strip 8 prevents detachment of the sections 1 and 2.

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

In a stove pipe joint, the combination with a stove pipe section having in its exterior a channel which extends inwardly from its end, of a stove pipe section having a longitudinally extending seam projecting inwardly from its interior, said section being adapted to receive the section first-named and the said seam to slide into the channel aforesaid, a split bendable fastener carried by the channeled section with its prongs pointing outwardly, and an apertured fastening strip secured to the seam of the section aforesaid and adapted to be fastened to the other section by the split fastener aforesaid.

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

GEORGE GARFIELD OSWELL.

Witnesses:

FRED DAVIS,

JULIA C. OSWELL.