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C. RONEY.
STOVEPIPE LOCK.
APPLICATION FILED FEB. 19, 1910.

Patented Nov. 22, 1910.

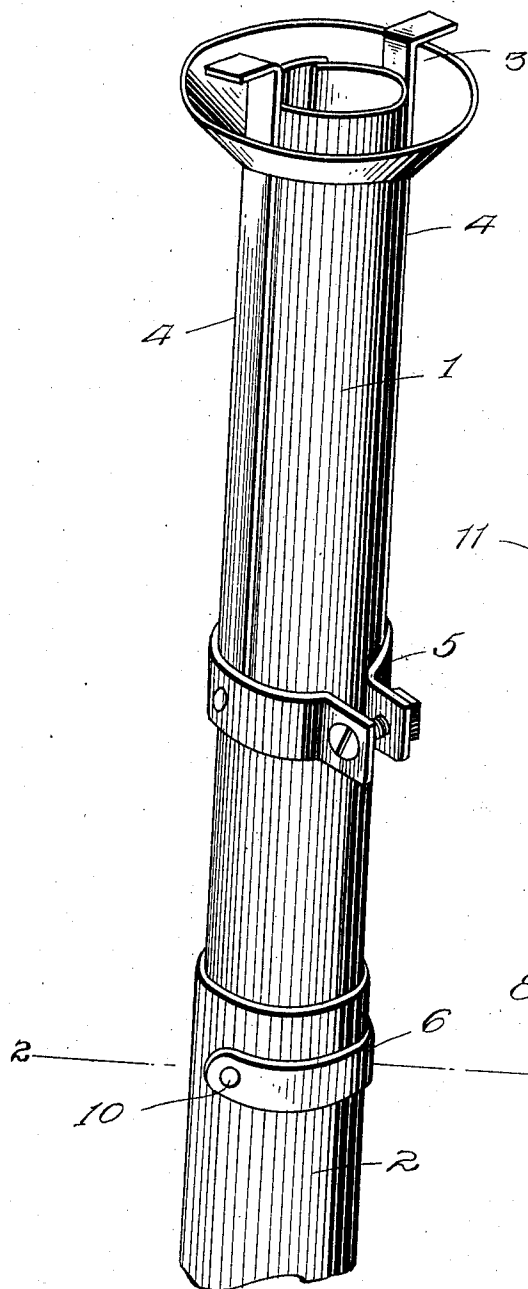


Fig. 2.

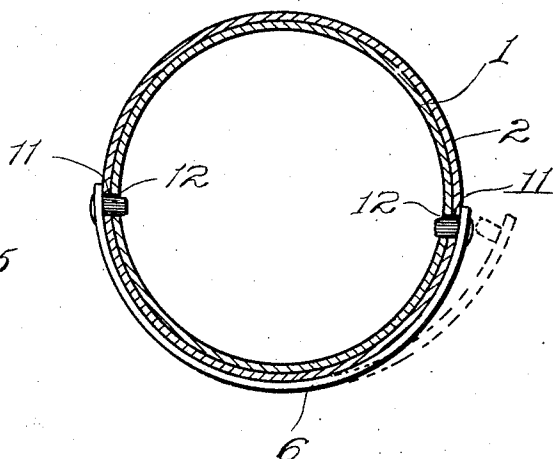


Fig. 3.

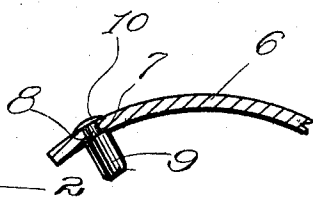


Fig. 1.

Witnesses
J. M. Lee
H. J. Isaac and Doyle

Inventor
Charles Roney.
By E. E. Broome,
his Attorney.

UNITED STATES PATENT OFFICE.

CHARLES RONEY, OF HALLSTEAD, PENNSYLVANIA.

STOVEPIPE-LOCK.

976,603.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES RONEY, a citizen of the United States of America, residing at Hallstead, in the county of Susquehanna and State of Pennsylvania, have invented certain new and useful Improvements in Stovepipe-Locks, of which the following is a specification, reference being had therein to the accompanying drawing.

10 This invention relates to stove pipes, and has specially in view simple means whereby two sections thereof may be rigidly held in an assembled position, yet may be readily released when necessary or desirable.

15 The invention consists in the construction and arrangement of parts, as will be hereinafter described and particularly pointed out in the claim.

In the accompanying drawings Figure 1 is a fragmentary perspective view of a stove pipe showing two of its sections connected by the improved pipe connector. Fig. 2 is a horizontal sectional view taken on the line 2-2, Fig. 1. Fig. 3 is a fragmentary sectional view of the improved connector showing the manner of mounting the end fasteners therein.

Referring to the accompanying drawings by numerals, 1 designates the upper section of a stove pipe and 2 a lower section thereof, said sections being connected together by the improved connector. The upper section 1 has been shown provided with the usual end thimble 3 and the arms 4 which project from the adjusting collar 5 all of which cooperate to connect the upper section to the chimney or other smoke outlet not shown.

The improved connector is formed of a single strip of flat resilient metal 6 semi-circular in shape and having a transverse opening 7 formed through it adjacent each end, for the reception of the neck 8 of the inwardly projecting enlarged attaching rivets 9, said rivets being obviously retained within their transverse openings by means of their heads 10 and their enlarged body, said rivets are provided with shoulders contiguous with said necks and said shoulders are adapted to contact with the under surface of the strip when the rivets are headed to the strip.

In fastening the two sections of a stove

pipe by means of the improved connector the sections are arranged as shown in Fig. 1, that is section 1 having its lower end telescoped within the upper end of section 2, openings 11 and 12 having been formed through said sections which openings are brought into alinement when the sections are assembled. The connector is then placed about section 2 with one of its rivets 9 passing through one set of the alined openings of their said sections, after which the other end lug of the connector 6 is snapped through the opposite set of openings of said sections so that said sections will be fastened together with the improved connector partially surrounding and snugly fitting the outer surface of section 2 as is shown in Figs. 1 and 2. To release the sections one end of the connector is released from the same as is shown by dotted lines in Fig. 2 whereupon said connector may be readily removed from its fastening position as will be understood.

What I claim as my invention is:—

A device for connecting the telescoping ends of stove pipe sections together, each of said sections having diametrically-arranged through openings therein which register together in pairs when said sections are telescoped, a detachable connector comprising a semi-circular strip of resilient material with openings in opposite ends, rivets having their outer portions cut away to provide necks having shoulders contiguous therewith, said necks being inserted through the openings of the strip so that their shoulders will contact with the under surface of the same, said rivets being headed so as to permanently secure them to the strip, said strip adapted to be applied with one of its rivets inserted through one pair of registering openings of the sections of pipe, the rivet on the opposite end of the strip being snapped through the other pair of registering openings of the pipe sections and held thereto by frictional contact therewith.

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

CHARLES RONEY.

Witnesses:

W. E. BARNES,
J. ELMDERSON.