

936,130.

T. J. HOLDEN.
STOVEPIPE DEVICE.
APPLICATION FILED APR. 29, 1909.

Patented Oct. 5, 1909.

Fig. 1.

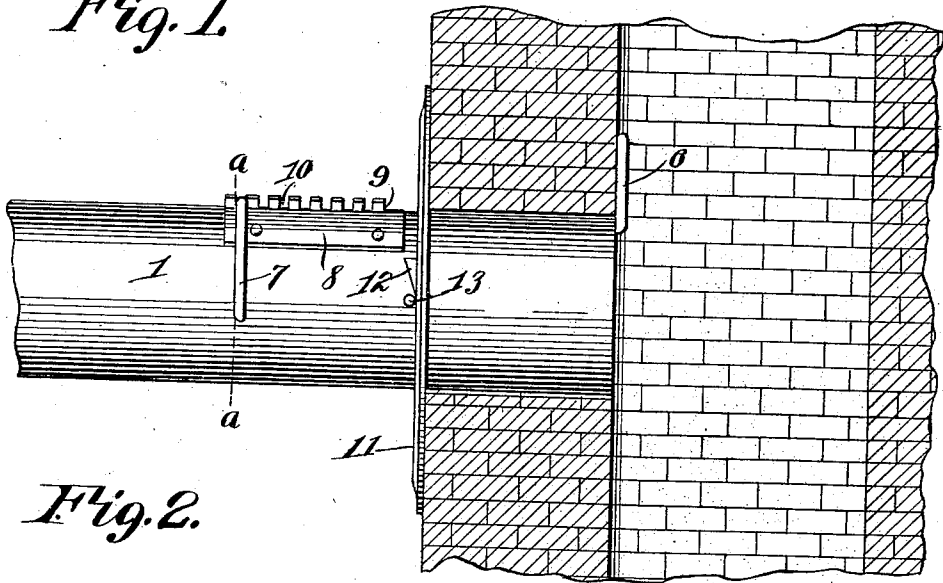


Fig. 2.

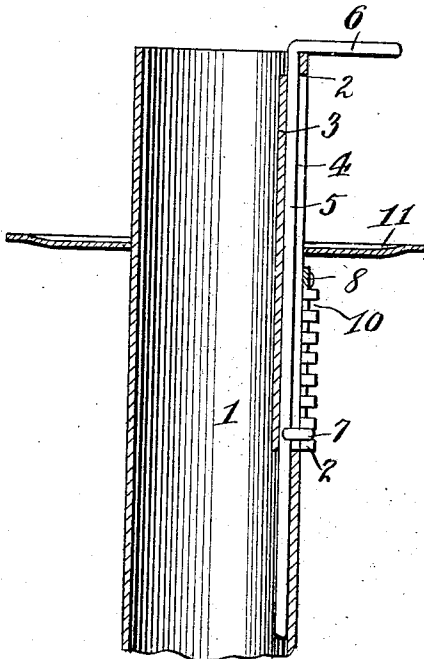
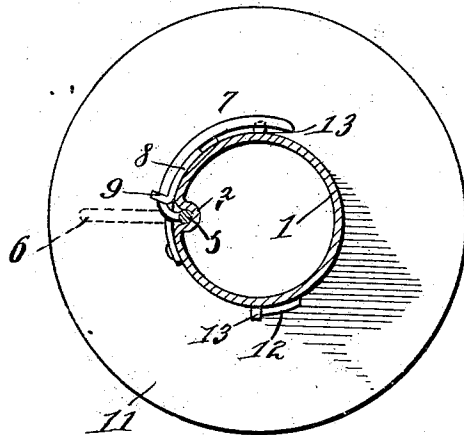


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

THOMAS J. HOLDEN, OF LINTON, INDIANA.

STOVEPIPE DEVICE.

Patented Oct. 5, 1909.

Specification of Letters Patent.

Application filed April 29, 1909. Serial No. 492,904.

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To all whom it may concern:

Be it known that I, THOMAS J. HOLDEN, a citizen of the United States, residing at Linton, in the county of Greene and State of Indiana, have invented new and useful improvements in Stovepipe Devices, of which the following is a specification.

This invention relates to improvements in devices for securing stove pipes to flues to prevent the stove pipe from becoming casually detached and the said invention consists in the construction, combination and arrangement of devices hereinafter described and claimed.

In the accompanying drawings:—Figure 1 is an elevation of a portion of a stove pipe provided with securing devices constructed in accordance with this invention, showing the pipe in position in a flue, the latter being indicated in section. Fig. 2 is a sectional view of the same. Fig. 3 is a transverse sectional view of the same on the plane indicated by the line *a-a* of Fig. 1.

In the embodiment of my invention a section of stove pipe 1 which is to be inserted at one end in a flue opening is provided at suitable points with transverse slits 2 and that portion of the pipe between the said slits is struck up to form a semi-tubular inset tongue 3 the concaved outer side of which forms a semi-cylindrical groove 4 which forms a bearing and guide-way for the reception of a longitudinally disposed and adjustable securing rod 5. The said rod is provided at one end, beyond the inner end of the pipe, with an arm 6 adapted to be turned into engagement with the inner side of the flue as shown in Fig. 1, to secure the pipe from being casually dislodged therefrom. At a suitable distance from its inner end, the said rod is provided with a locking arm 7 which extends at right angles therefrom and is preferably curved to adapt it to the cross sectional shape of the pipe. On one side of the pipe, approximate to the groove 4 is an adjusting lock plate 8 which is here shown as riveted on the pipe, without being posed at a suitable point on the pipe immediately to one side of the groove 4 outwardly as at 9 and provided with a series of notches 10 forming stop devices any one of

which may be engaged by the lock arm 7 of the securing rod to lock the latter against longitudinal movement at any desired point, as may be required by the thickness of the wall of the flue.

The stove pipe collar 11 is provided on its exposed side with cams 12 and the pipe 1 has lugs 13 projecting radially therefrom which by coaction with the cams enables the collar to be closely pressed against the flue by a slight rotary movement of the pipe after the arm 6 of the securing rod has been engaged with the inner side of the flue.

What is claimed is:—

1. A stove pipe having a lock plate on its outer side presenting a notched edge forming a plurality of stop devices, and a bearing on its inner side, in combination with a securing rod longitudinally and revolvably mounted in said bearing, said rod having an arm to engage the inner side of the flue and a lock arm to engage said stop notches.

2. A stove pipe having a lock plate on its outer side presenting a notched edge forming a plurality of stop devices, said pipe being further provided with an inset portion in said side forming a bearing and a longitudinal opening, and a securing rod movable longitudinally and partly revolvable in said inset bearing, said securing rod having an arm at one end for engagement with the inner side of a flue and further provided with a lock arm, said lock arm being movable in said opening and adapted to be turned into engagement with the said stop notches.

3. In combination with a stove pipe having means to engage the inner side of a flue and further provided at a point exteriorly of the flue with projecting lugs, a collar for said stove pipe and through which the latter extends, said collar having cams on its outer side to engage the said lugs of the stove pipe and to coact with said lugs and with said flue engaging means to press said collar closely against the outer side of the flue.

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

THOMAS J. HOLDEN.

Witnesses:

LOREN A. HYDE,
NELLIE ROBERTSON.