No. 865,850. PATENTED SEPT. 10, 1907.

H. C. ARMITAGE.

STOVEPIPE RETAINING DEVICE.

APPLICATION FILED APR. 3, 1907.

Fig. 1.

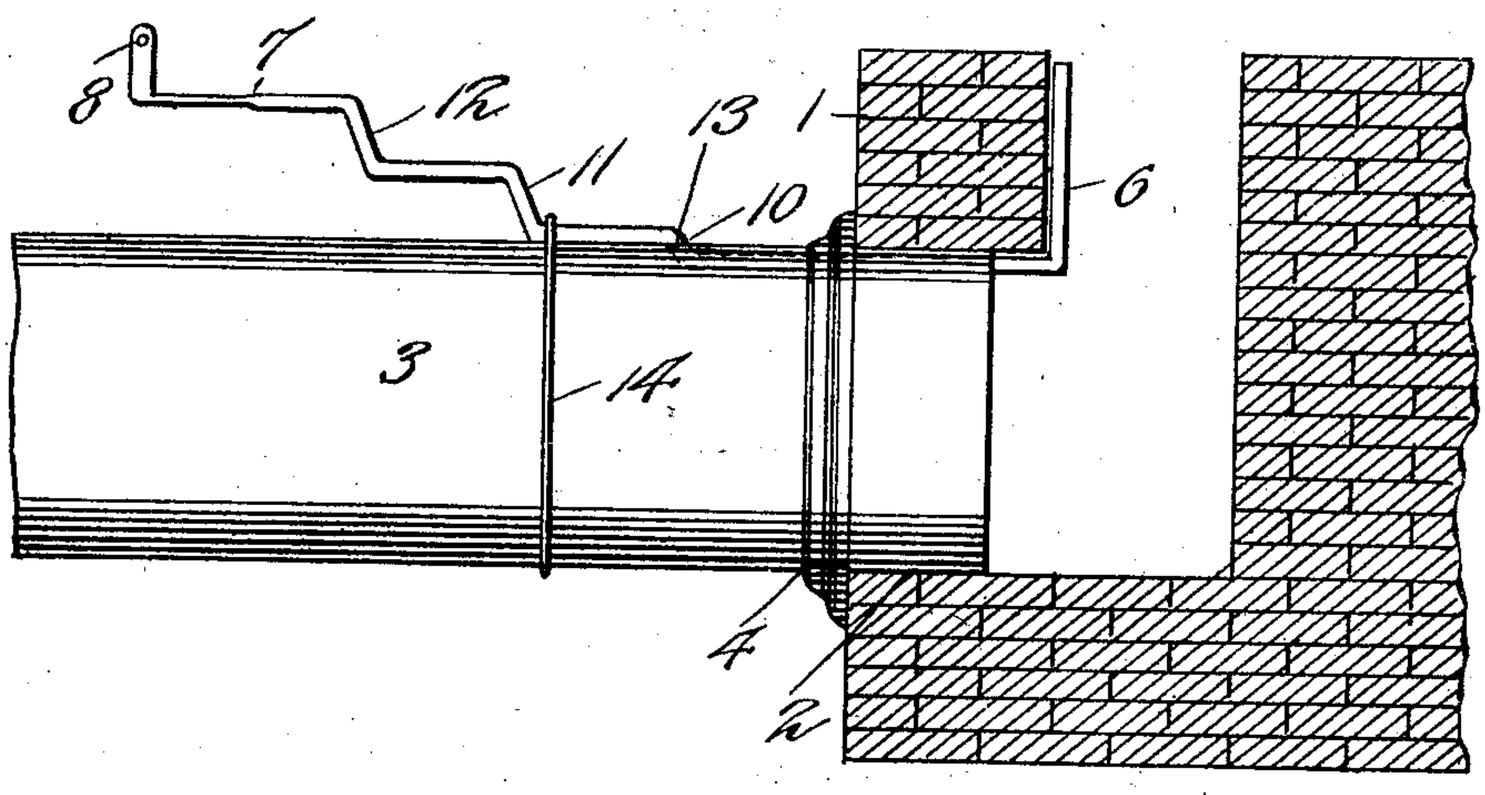


Fig. 2.

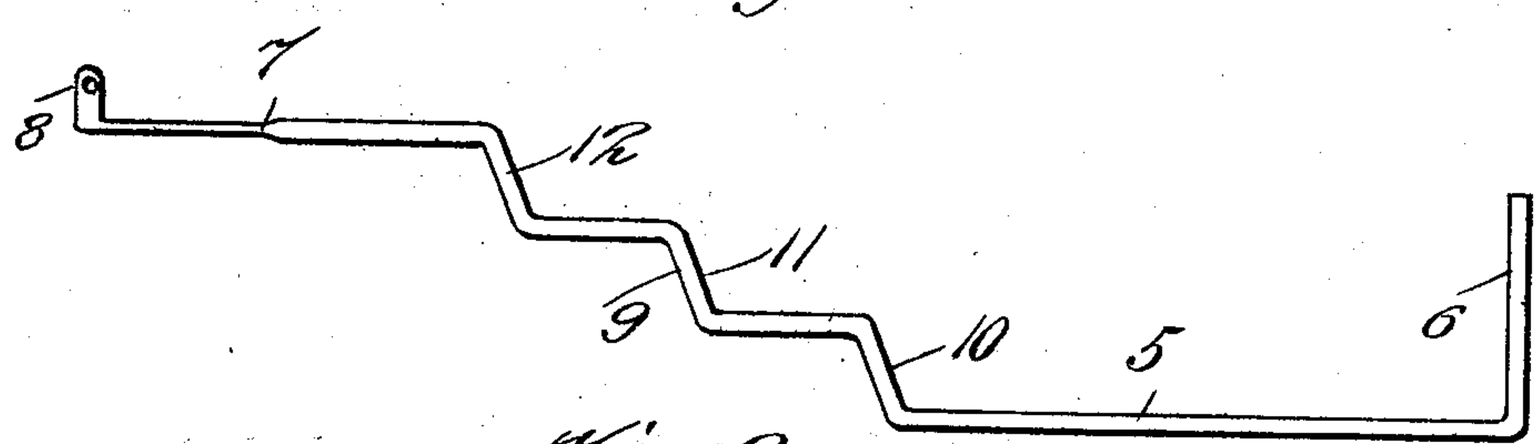
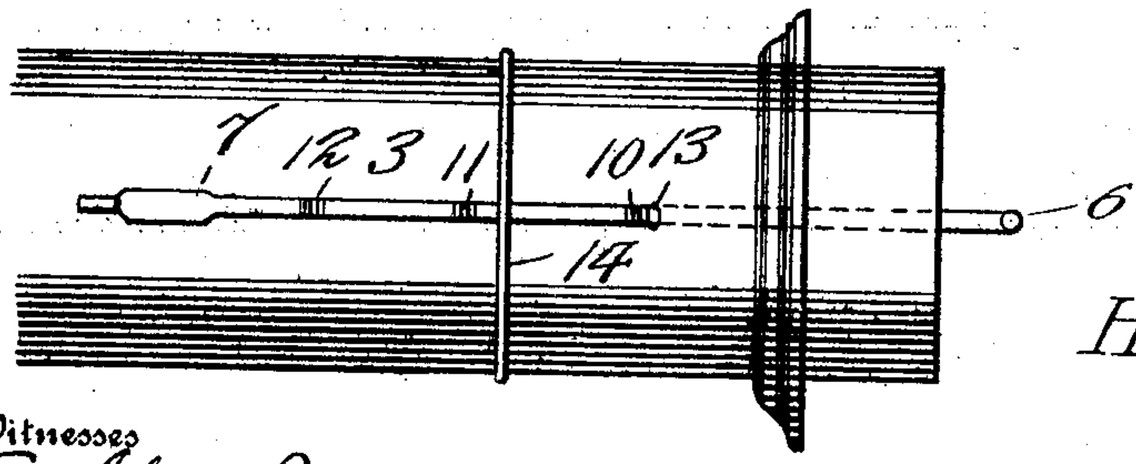


Fig. 3.



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UNITED STATES PATENT OFFICE.

HOMER C. ARMITAGE, OF KENESAW, NEBRASKA.

STOVEPIPE-RETAINING DEVICE.

No. 865,850. Specification of Letters Patent. Patented Sept. 10, 1907.

Application filed April 3, 1907. Serial No. 366,184.

To all whom it may concern:

Be it known that I, HOMER C. ARMITAGE, a citizen of the United States, residing at Kenesaw, in the county of Adams and State of Nebraska, have invented new and useful Improvements in Stovepipe-Retaining Devices, of which the following is a specification.

This invention relates to improvements in stovepipe retaining devices, the object of the invention being to provide a holder or retaining device of simple and economical construction which may be conveniently applied and will be effective in use for retaining a stovepipe in position in a flue opening, and will also provide a means by which the pipe may be connected with the usual supporting wire in a more convenient and efficient manner.

The preferred embodiment of the invention is illustrated in the accompanying drawing, in which:—

Figure 1 is a side elevation of a section of stovepipe held by my improved retaining device within the flue opening of a chimney, a portion of the latter appearing in vertical section. Fig. 2 is a side view of the retaining device detached. Fig. 3 is a fragmentary top plan view of the stovepipe section with the retaining device applied thereto.

Referring to the drawing, 1 designates a portion of the breast of a chimney, provided with a pipe-receiving opening 2; 3 the stovepipe section fitted at one end in the opening; and 4 the usual collar used for closing the joint between the breast and pipe.

The improved retaining device is formed of a single piece of metal, preferably wire, and comprises a straight longitudinal body portion 5 provided at one end with an upturned stop arm or hook 6. The device terminates at its outer end in an arm 7 arranged above or at one side of the body portion 5 and lying in a plane parallel therewith, said arm 7 being formed at its outer end with an upturned or lateral apertured projection or eye 8 adapted for the reception and connection therewith of the lower end of the supporting wire frequently used to sustain the stovepipe section 3 from the chimney, thus providing a more efficient means for the application of such wire to the pipe. The portions 5 and 7 are connected by a shank 9 bent to provide a plurality of bearing shoulders, jogs or offsets 10, 11 and 12, of which any desired number may be employed for connecting the stovepipe section with chimneys in which the front walls vary in thickness to a greater or less extent.

In applying the device, an opening 13 is formed in the pipe at a suitable distance from its entering end and the arm or hook 6 passed therethrough into the pipe and the device inserted until the arm 5 projects longitudinally on the interior of the pipe, and the hook 7 extends beyond the same to engage the rear surface of the front wall of the chimney above or at one side of the pipe opening, one of the shoulders formed by the offsets being arranged to bear against the wall of the opening 13 to secure the device in position. It will be understood that by a tilting motion the retaining device may be adjusted to force the shouldered portions through the opening 13 into the pipe to bring either shoulder into engagement with the wall of said opening, so as to project the locking arm 6 to a greater or less extent beyond the entering end of the pipe, thus permitting adjustment of the device to bring the arm 6 into position to bear against the rear surface of the front walls of chimneys varying to a material extent in thickness. A securing member 14, comprising a band of wire or the like, may be applied about the pipe and engaged with the retaining device to prevent the same from tilting or moving out of retaining position. This securing band may be formed by the outer end of a piece of wire wound one or more times at its inner end around the entering end of the pipe to fasten it securely in position.

It will be seen that the invention provides a stovepipe holder or retainer which is simple of construction, effective in use, adapted to be economically manufactured and which is adjustable for ready application to different tools. The arm 6, bearing against the inner surface of the breast wall, holds the pipe from outward movement, and in the application of the pipe will abut against the rear wall of the flue passage and prevent the pipe from being inserted too far, the device thus acting as a gage to enable the operator to properly fit the pipe in position.

Other advantages of the improved construction will be manifest.

Having thus described the invention, what is claimed as new, is:—

In a stove pipe holder, the combination with a stove pipe having an opening therein, of a retaining device comprising a body portion arranged within the pipe and having a hooked free end projecting beyond the inner end of the pipe, an arm arranged in a plane parallel with said body portion and disposed upon the exterior of the pipe, and a shank connecting the body portion with the arm and stepped to provide a plurality of shoulders, one extending through said opening in the pipe, and a band encircling the pipe and engaging the shank to hold the retaining device in applied position.

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

HOMER C. ARMITAGE.

Witnesses:
T. P. BOOTH,
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