

Dec. 6, 1938.

C. B. WILLIAMS

2,139,053

STOVEPIPE ANCHOR

Filed Jan. 22, 1938

2 Sheets-Sheet 1

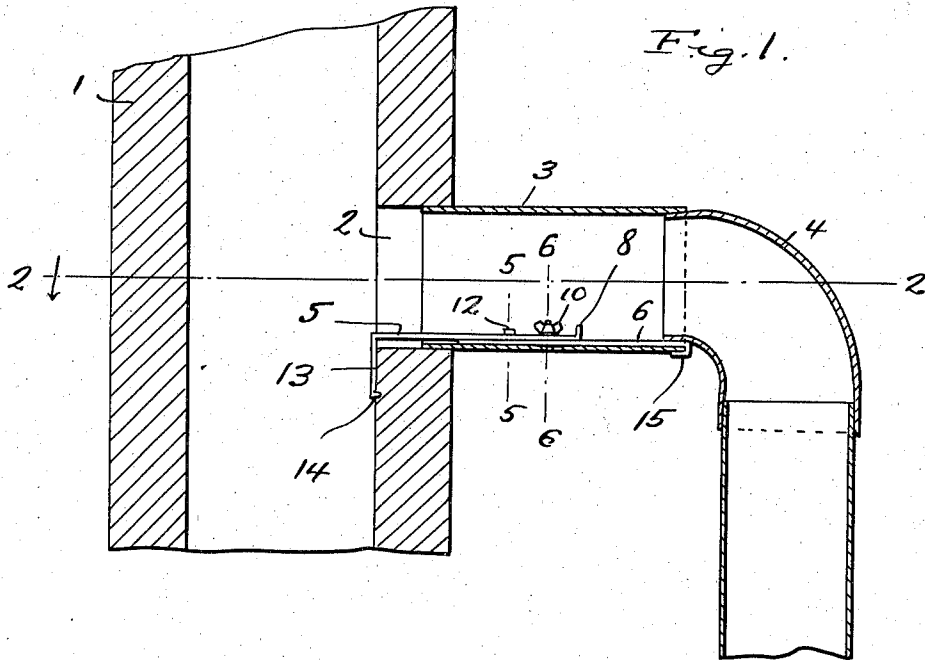


Fig. 1.

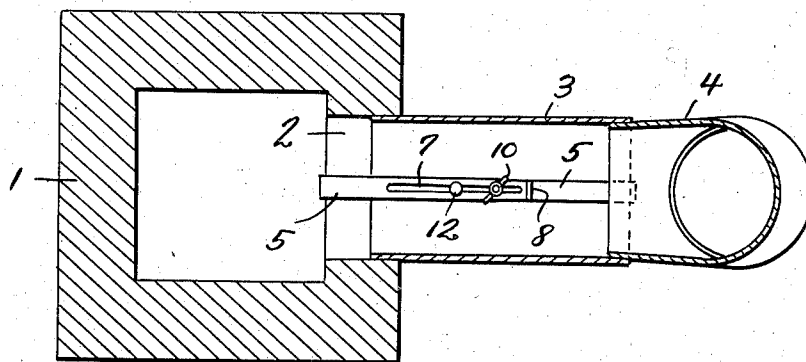


Fig. 2.

Inventor

Charles B. Williams

By Clarence A. O'Brien
Hyman Berman

Attorneys

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2 Sheets-Sheet 2

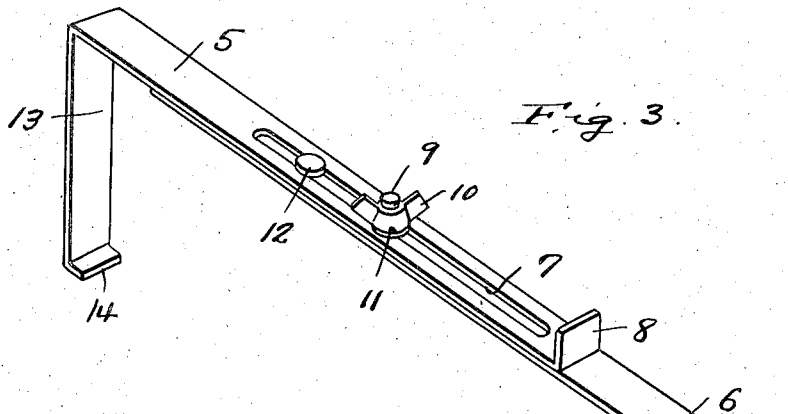


Fig. 3.

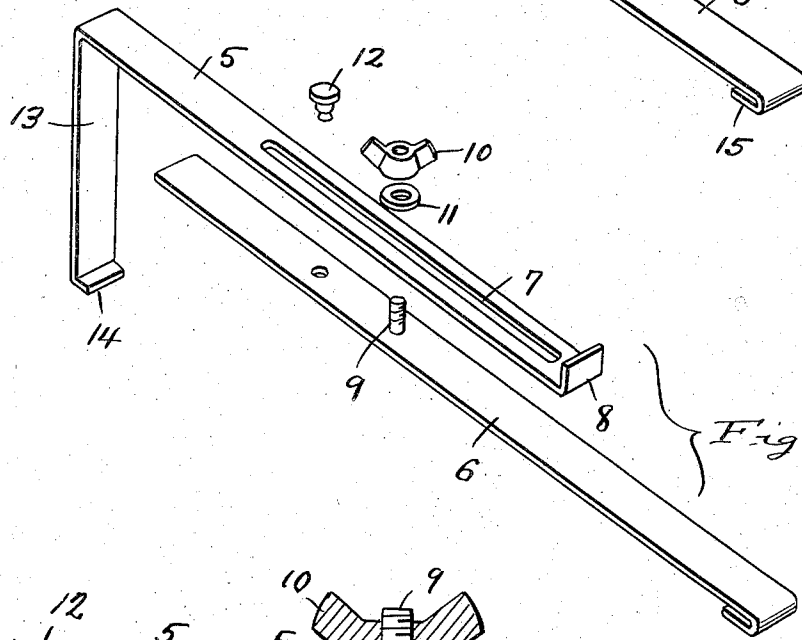


Fig. 4.

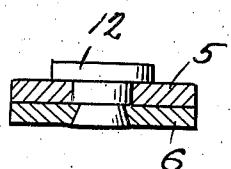


Fig. 5.

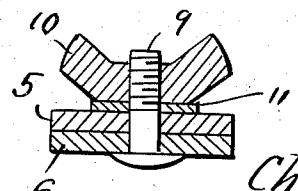


Fig. 6.

Inventor

Charles B. Williams

By

Clarence A. O'Brien
Hyman Berman

Attorneys

UNITED STATES PATENT OFFICE

2,139,053

STOVEPIPE ANCHOR

Charles B. Williams, Macon, Mo.

Application January 22, 1938, Serial No. 186,433

1 Claim. (Cl. 126—318)

This invention pertains to new and useful improvements in stovepipe anchors and has for one of its important objects to provide, in a manner as hereinafter set forth, a device of this character which may be expeditiously adjusted as desired to accommodate pipes of different lengths.

Another important object of the invention is to provide a stovepipe anchor of the aforementioned character which, when installed, will be substantially concealed from view.

Other objects of the invention are to provide a stovepipe anchor of the character set forth which will be comparatively simple in construction, strong, durable, highly efficient and reliable in use, compact and which may be manufactured at low cost.

All of the foregoing and still further objects and advantages of the invention will become apparent from a study of the following specification, taken in connection with the accompanying drawings wherein like characters of reference designate corresponding parts throughout the several views, and wherein:

Figure 1 is a view in vertical section through a portion of a flue and stove pipe, showing an anchor constructed in accordance with the present invention installed therein.

Figure 2 is a view in horizontal section, taken substantially on the line 2—2 of Fig. 1, showing the invention in top plan.

Figure 3 is a perspective view of the device.

Figure 4 is a perspective view of the invention, showing the parts or elements separated.

Figure 5 is a cross sectional view through the invention, taken substantially on the line 5—5 of Fig. 1.

Figure 6 is a cross sectional view through the invention, taken substantially on the line 6—6 of Fig. 1.

Referring now to the drawings in detail, it will be seen that the reference numeral 1 designates a portion of a flue having a circular opening 2 therein for the reception of one end portion of the stovepipe section 3. The other end of the pipe section 3 receives one end portion of an elbow 4 in the usual manner.

The embodiment of the present invention which has been illustrated comprises a pair of overlapping, slidably connected bars 5 and 6, said bars being of any suitable metal. In its inner end portion the bar 5 has formed longitudinally therein a slot 7. Adjacent one end of the slot 7, the bar 5 terminates in an upturned flange 8 constituting a handle to facilitate adjusting the device.

It will be noted that the bar 6 is mounted beneath the bar 5. Mounted in the bar 6 at an intermediate point is a bolt or the like 9 which is operable in the slot 7. A wing nut 10 is

threaded on the bolt 9 for frictionally securing the bars 5 and 6 in adjusted position relative to each other. A washer 11 (see Fig. 6) is provided on the bolt 9 between the wing nut 10 and the bar 5. Also fixed in the bar 6, adjacent the bolt 9 and operable in the slot 7, is a headed pin 12. The pin 12, travelling in the slot 7, functions as a guide for maintaining the bars 5 and 6 parallel with each other.

Depending from the outer end of the bar 5 is an integral arm 13 which terminates, at its lower end, in an inturned lip or the like 14 which is adapted to be anchored in the inner wall of the flue 1 in the manner shown to advantage in Fig. 1 of the drawings. The bar 6 terminates, at its outer end, in a hook 15 which is engageable over the corresponding end of the stove pipe section 3. This is also shown to advantage in Fig. 1 of the drawings.

It is thought that the operation of the device will be readily apparent from a consideration of the foregoing. With the arm 13 engaged in the flue 1 and the hook 15 engaged with the outer end of the pipe section 3, said pipe section is firmly anchored in the opening 2 of said flue. The device may be expeditiously adjusted longitudinally as desired to meet various conditions by simply loosening the wing nut 10.

It is believed that the many advantages of a stovepipe anchor constructed in accordance with the present invention will be readily understood and although a preferred embodiment of the device is as illustrated and described, it is to be understood that changes in the details of construction and in the combination and arrangement of parts may be resorted to which will fall within the scope of the invention as claimed.

What is claimed is:

A stovepipe anchor of the class described comprising a pair of overlapping, parallel metallic bars, one of said bars terminating, at its inner end, in an upturned member providing a handle, said one bar further having a longitudinal slot in its inner end portion, a bolt mounted on the other bar at an intermediate point and operable in the slot, a wing nut threaded on the bolt and, in conjunction therewith, providing means for frictionally securing the bars in adjusted position relative to each other, a headed pin fixed in said other bar and operable in the slot for securing the bars in parallelism, a depending arm integral with the outer end of said one bar engageable in the flue, said arm terminating, at its free end, in an inturned lip engageable with the flue, and a hook on the outer end of said other bar engageable over an end of a stovepipe section for securing said stovepipe section in the flue.

CHARLES B. WILLIAMS.