

W. E. McCUNE.
STOVEPIPE HOLDER.
APPLICATION FILED OCT. 22, 1909.

957,571.

Patented May 10, 1910.

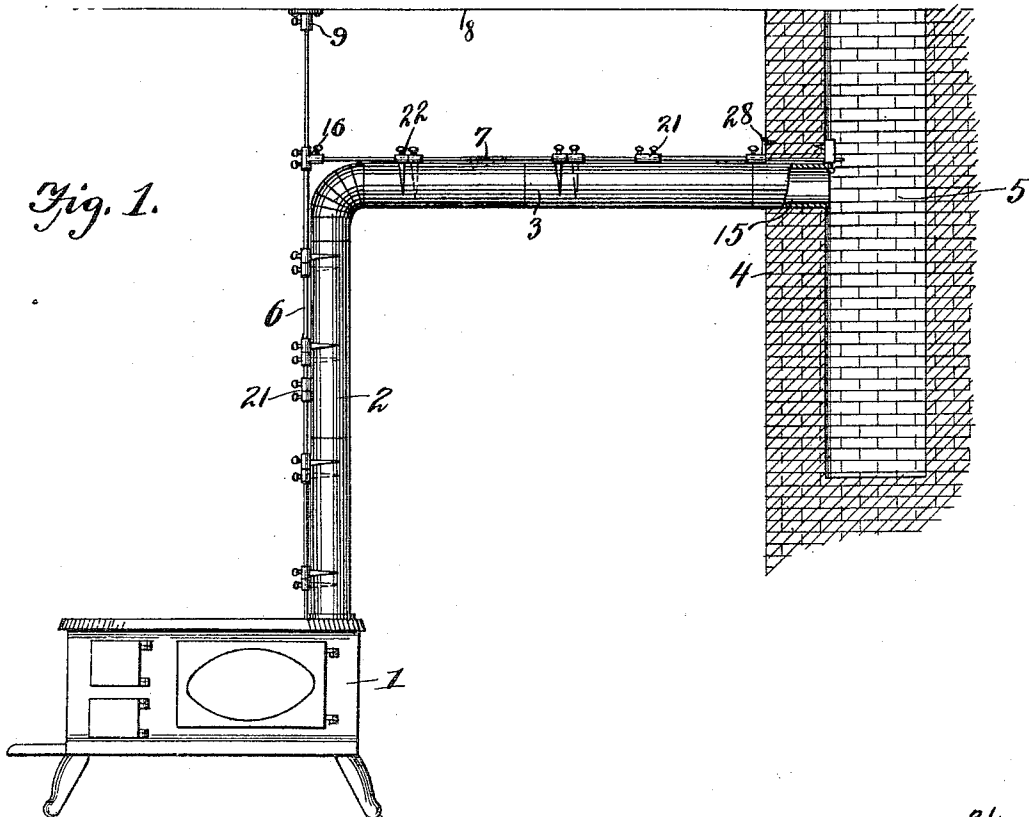


Fig. 4.

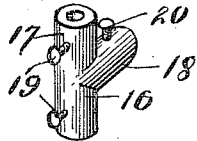


Fig. 5.

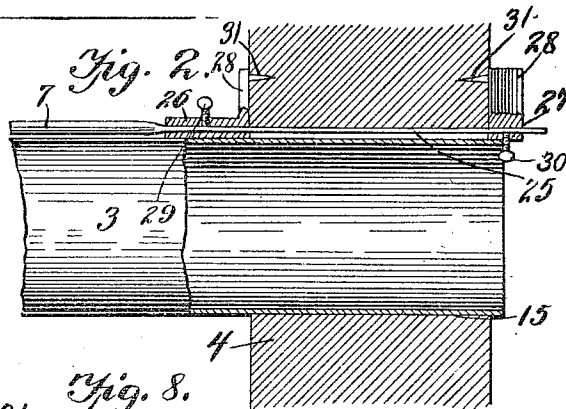
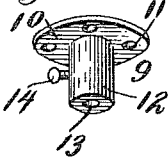


Fig. 6.

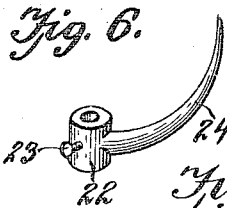


Fig. 7.

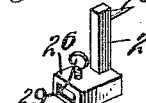


Fig. 8.

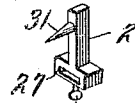
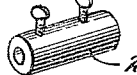


Fig. 3.



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WILLIAM E. McCUNE, OF KOSCIUSKO, MISSISSIPPI.

STOVEPIPE-HOLDER.

957,571.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, WILLIAM E. McCUNE, a citizen of the United States, residing at Kosciusko, county of Attala, and State of Mississippi, have invented certain new and useful Improvements in Stovepipe-Holders, of which the following is a specification.

My invention relates to supports for stove pipes and the object of my invention is to provide a device of the class mentioned which will support a stove pipe to maintain the same in proper position and to relieve the lower sections of the weight of the superimposed portions thereof.

A further object of my invention is to provide a device as mentioned whereby portions of the stove pipe may be supported in position while the remaining portions are removed for cleaning or repair, and which will also aid materially in the assembling of the stove pipe.

A further object of my invention is to provide a stove pipe support as above mentioned which shall be of simple construction, of low cost to manufacture, which may be readily assembled and of neat appearance.

Other objects will appear hereinafter.

With these objects in view my invention consists generally in a rod conforming substantially to the stove pipe, means for supporting the same from the ceiling, clamps adjustably mounted on the rod for engaging the stove pipe and means for securing one end of the support to the chimney breast.

My invention further consists in a device as mentioned equipped with means to prevent the stove pipe from being pushed within the chimney.

My invention further consists in various details of construction and arrangements of parts all as will be fully described hereinafter and particularly pointed out in the claims.

My invention will be more readily understood by reference to the accompanying drawings forming a part of this specification and in which—

Figure 1 is a side elevation of a stove and stove pipe equipped with a support embodying my invention in its preferred form, Fig. 2 is a detail sectional view through the chimney breast upon an enlarged scale, illustrating the means for securing one end of the support thereto, Figs. 3 and 4 are perspective views of the coupling members used in assembling the device, Fig. 5 is a perspective

view of the member used for securing the device to the ceiling, Fig. 6 is a perspective view of one of the stove pipe engaging arms or clamps, Figs. 7 and 8 are perspective views of the device as used for securing the support to the chimney breast, and Fig. 9 is a perspective of a modified form of the member shown in Fig. 7.

Referring now to the drawings 1 indicates a stove of any ordinary or preferred construction having a pipe consisting of the usual vertical and horizontal portions 2 and 3 respectively, and 4 indicates the chimney breast and 5 the flue.

The pipe support comprises a rod formed of a vertical portion 6 and a horizontal portion 7 which lie adjacent to the corresponding portions of the pipe and detachably secured thereto in the manner hereinafter described. The portion 6 of the rod or support extends from substantially the top of the stove to the ceiling 8 from which it is suspended by a socket member 9. The member 9 comprises a base plate 10 having a plurality of perforations 11 to receive screws or nails for securing the device to the ceiling, and a depending cylindrical portion 12 having a bore 13 to receive the upper end of the rod 6.

14 indicates a set screw extending through the wall of the portion 12 to impinge against the rod and securely hold the same.

The rod 7 is arranged directly above the portion 3 of the pipe and extends from the rod 6 into the flue through the upper portion of the stove pipe hole 15 in the chimney breast. The outer end of the rod 7 is secured to the rod 6 by a three way coupling member 16, comprising a vertical sleeve 17 slidably mounted on the rod 6 and a horizontal tubular socket portion 18 to receive the end of the rod 7.

19 and 20 indicate set screws on the portions 17 and 18 respectively for securing the coupling member to the rods 6 and 7.

I prefer that each of the rods 6 and 7 be formed of one piece unless the relative positions of the stove and flue require rods of considerable length, in which case each rod may be made up of several pieces having their ends connected by the double coupling member 21.

Each rod 6 and 7 is provided with a plurality of pipe clamps each formed of a pair of similar members arranged adjacent to each other on the rod. Each clamp member com-

prises a sleeve 22 slidably mounted on its respective rod, a set screw 23 for holding the same in position and a curved finger 24 adapted to partially surround or encircle the pipe. It is obvious that by arranging a pair of clamp members with the fingers 24 upon opposite sides of the pipe and tightening the tongue or set nuts 23 the pipe will be securely clamped and fastened to the rod.

10 The inner end of the rod 7 is flattened as at 25 and extends through the hole 15 directly above the pipe 3.

26 and 27 indicate slides mounted on the flattened portion 25 and adapted to bear against the outer and inner faces of the chimney breast 4 respectively to hold the rod rigidly in position and prevent displacement thereof. Each member 26 and 27 is provided with an upwardly extending portion 28, and a set screw 29 and 30 respectively for securing the slides to the rod. The set screw 29 is arranged in the upper portion of the member 26 to avoid contact with the pipe whereas the screw 30 extends through the lower portion of the member 27 and forms a stop for the end of the pipe 3 thereby effectually preventing the same from being pushed into the flue. In Figs. 7 and 8 I have illustrated the portion 28 of the slides provided with integral spikes or spurs 31 which are driven into the chimney breast to more securely hold the device. In Fig. 9 I have shown a modified form wherein the portion 28 is provided with a perforation 32 to receive a screw or nail which may be substituted for the spike or spur 31.

40 It is obvious that the supporter above described will maintain the stove pipe in proper position and prevent accidental displacement or falling thereof. Also that by loosening some of the clamps 22—24 any

portion of the pipe may be removed for cleaning or repair without disturbing the remaining portions thereof. The device is also of great assistance in assembling the stove pipe as each section may be secured in place separately and not depend upon each section of the pipe supporting the rest.

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

1. In a stove pipe holder a rod adapted to be arranged adjacent and parallel to the pipe and clamps adjustably mounted on said rod, each of said clamps comprising a pair of sleeves independently and slidably mounted on the rod, a curved finger extending from each sleeve adapted to partially surround the pipe and a set screw extending through said sleeve to impinge against said rod, substantially as described.

2. In a stove pipe holder a rod adapted to be arranged adjacent and parallel to the pipe, one end of said rod being adapted to enter the flue through the stove pipe hole, a pair of sleeves slidably mounted on said end and having upwardly extending arms adapted to engage the inner and outer faces of the chimney breast respectively, set screws threaded in said sleeves for securing the same to the rod and the screw on the inner slide projecting downwardly to limit the inward movement of the pipe, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM E. McCUNE.

Witnesses:

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E. C. DEAN.