May 17, 1932. E. S. PETTIEGREW 1,858,967

FIREPLACE FIXTURE

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Fig. 1.

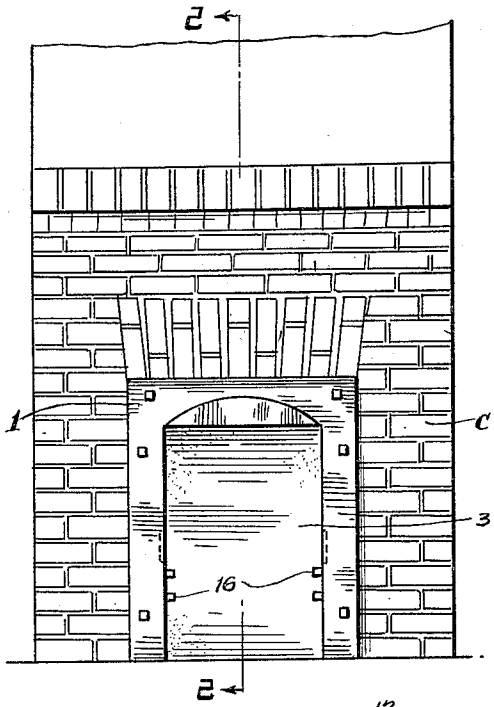


Fig. 2.

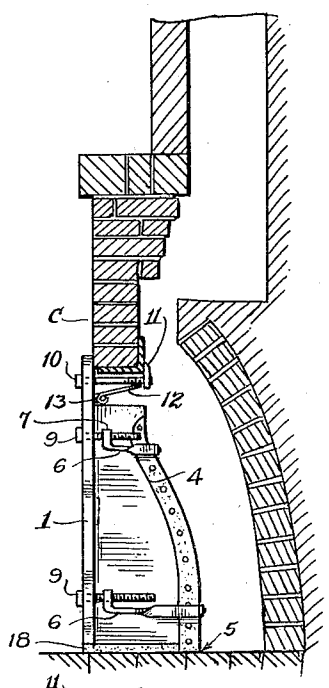
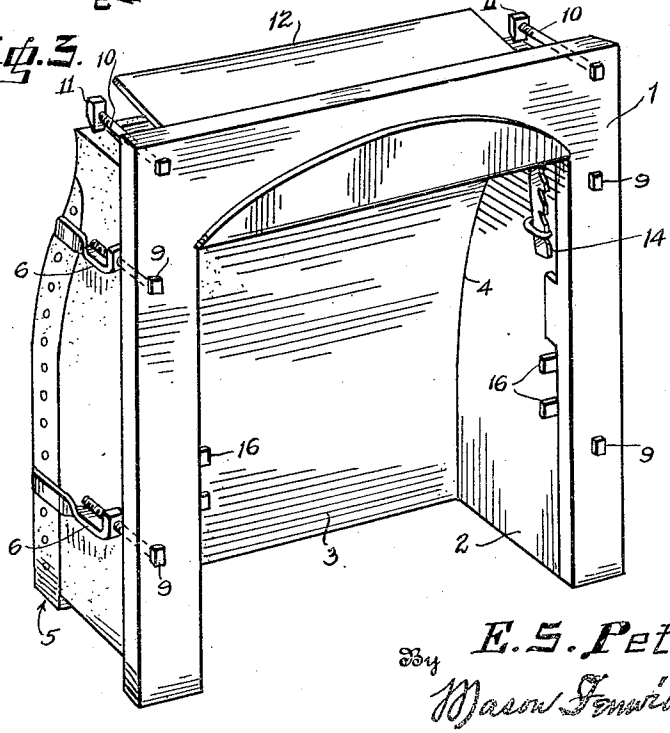


Fig. 3.



Inventor

By E. S. Pettiegrew

Mason Fenwick & Lawrence Attorneys

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Fig. 4.

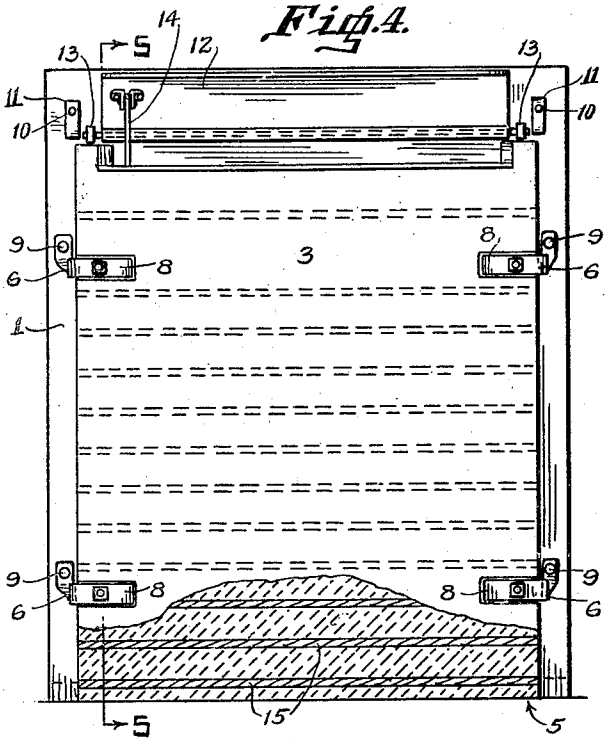


Fig. 5.

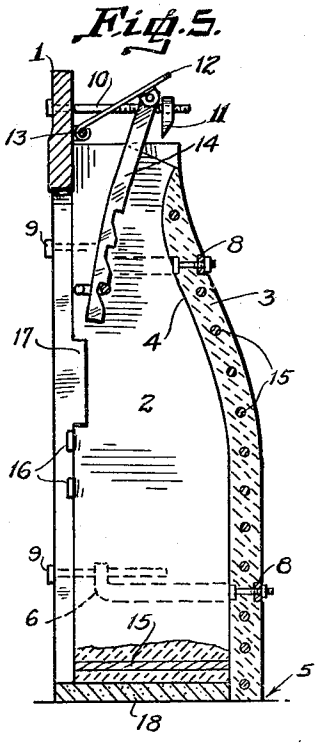


Fig. 6.

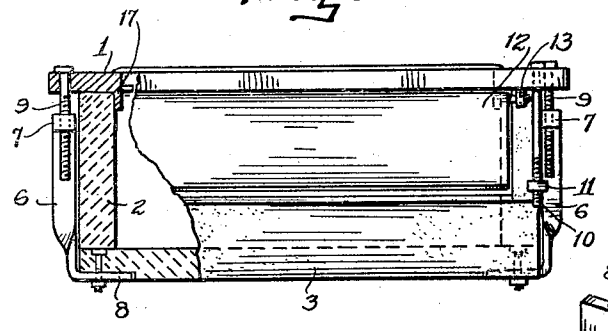
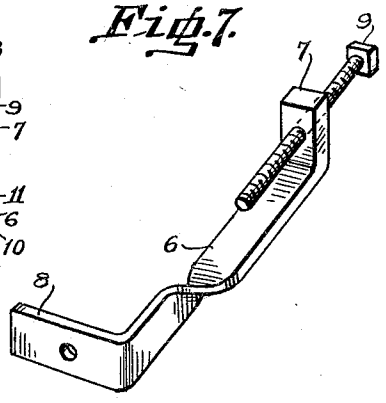


Fig. 7.



Inventor

E. S. Pettiegrew

By Mason Fenwick & Lawrence

Attorneys

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UNITED STATES PATENT OFFICE

EARNEST SAMUEL PETTIEGREW, OF GADSEN, ALABAMA

FIREPLACE FIXTURE

Application filed August 5, 1929. Serial No. 383,535.

This invention relates to portable and removable fireplace devices.

An object of the present invention is to provide as an article of manufacture a fireplace of the type indicated constructed in an improved and simplified manner and embodying improved details of construction, permitting easy and inexpensive manufacture, ready installation and improved operation.

Other objects will more particularly appear in connection with the following detailed description of the invention.

Two sheets of drawings accompany this specification as part thereof in which like reference characters indicate like parts throughout.

Fig. 1 is a front elevation of a fireplace chimney with the improved fireplace in position.

Fig. 2 is a transverse vertical section taken on line 2—2 of Fig. 1.

Fig. 3 is a perspective view of the fireplace fixture removed.

Fig. 4 is a rear view partly in section of the fireplace fixture.

Fig. 5 is a vertical transverse section taken on line 5—5 of Fig. 4.

Fig. 6 is a top plan partly in section.

Fig. 7 is a perspective view of the fastening clamp.

Referring to the drawings, "C" indicates generally an ordinary fireplace chimney.

The improved fireplace fixture which constitutes the present invention, consists of a front U-shaped plate 1, adapted to form the front frame of the fireplace. This front plate 1 is preferably made of cast iron and may be provided with lugs 16 adapted to engage an ordinary fire basket.

Side and back members 2 and 3 are provided preferably formed from fire clay, reinforced with twisted iron bars 15 to give same requisite rigidity.

The side members 2 are formed with their rear edges inwardly curved toward the top as at 4 and the back member is curved to conform with said rear curved edges of the side members so as to seat on said edges and form a snug joint therewith.

The front, back and side members are held in assembled relationship by means of clamping members 6 which are in the form of a bar having one end 8 bent perpendicular to the main body of the bar and the other end 7 bent into the form of a lug also perpendicular to the main body of the bar, lying in a plane parallel with the plane of the arm 8, the arm 8 and lug 7 being perpendicular with respect to each other, as illustrated in Fig. 7. The arm 8 is adapted to embrace the back member 3, while a bolt 9 is passed through a suitable orifice in the front 1 and engages lug 7. A suitable number of these clamp devices will be used preferably one adjacent the bottom and one adjacent the top of the back on each side. Obviously more can be used as desired.

Preferably the back is constructed so that its bottom edge will project slightly below the bottom edges of sides 2, thus permitting the placing of a floor 18 of cement under the device in positioning the same in the chimney.

The device is secured in the chimney by means of bolts 10, passing through suitable orifices adjacent the top of the front member and lug nuts 11 adapted to engage the inner edge of the ordinary breast iron of the chimney place.

Damper top 12 is preferably provided pivoted as at 13 and adapted to be held in adjusted position by means of a rack lever 14 or other suitable device.

Modifications in the exact form and construction will readily suggest themselves to those skilled in the art but within the scope of the present invention.

Having thus fully described my invention, I claim:

A unitary fireplace fixture comprising a metal front, and two sides and a back of fireclay, the sides having their rear edges curved forwardly towards the top and the back curved to conform with the curves of said back side edges to seat on the same and means for removably securing said parts together consisting of angle irons having a lug on one arm in a plane parallel with that of the other arm, said latter arm adapted to engage the back, and a bolt adapted to pass through the metal front and engage said lug, whereby said parts can be secured or released from a position in front of the fireplace.

In testimony whereof I affix my signature.

EARNEST SAMUEL PETTIEGREW.