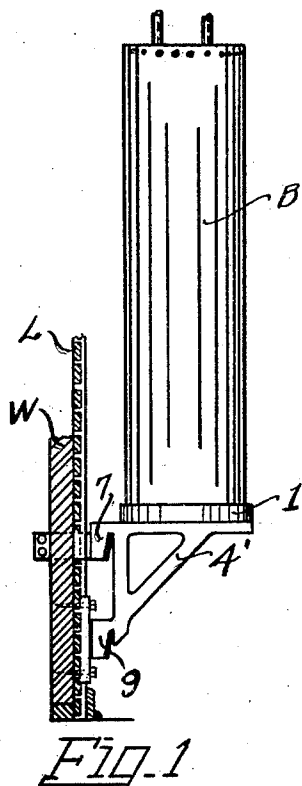
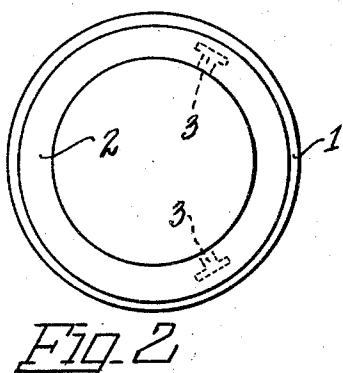
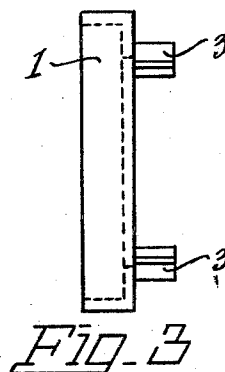
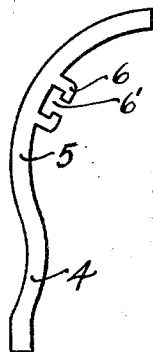
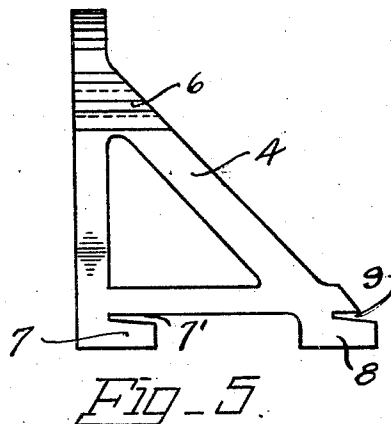
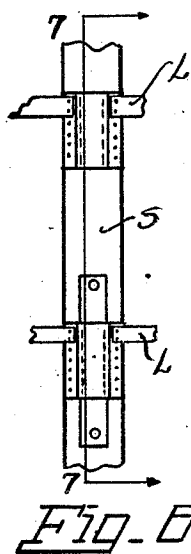
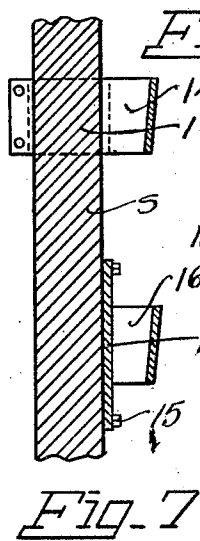
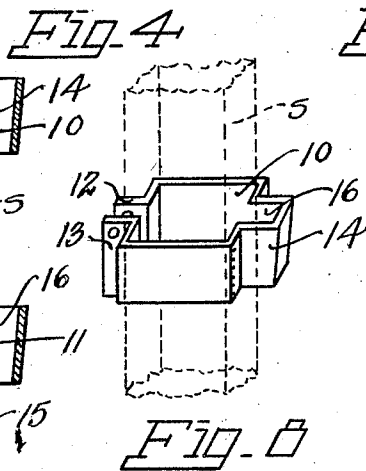
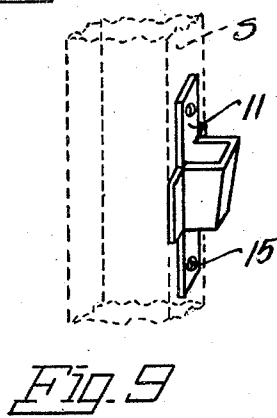


May 21, 1929.

M. L. AUSTIN
STAND BOILER SUPPORT

1,713,685

Filed Feb. 20, 1928



Inventor
Merton L. Austin
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UNITED STATES PATENT OFFICE.

MERTON L. AUSTIN, OF SPOKANE, WASHINGTON.

STAND-BOILER SUPPORT.

Application filed February 20, 1928. Serial No. 255,525.

My present invention relates to improvements in stand boiler supports of the type usually applied to the wall in distinction from the supports used upon the floor. As is well known, the floor supports become rusty from dampness, and soiled and in a short time present an unattractive appearance. The primary object of my invention is the provision of a supporting device for stand boilers, which device is attached to parts on the face of the wall, thus leaving the floor unobstructed and affording a neat appearance for the support. The support of my invention comprises stationary brackets which may be built into the wall while the house is being built, or which may be attached to the face of the wall after the house has been completed. The device also includes a pair of brackets for use in connection with the wall supports, and the device consists in certain novel combinations and arrangements of parts as will hereinafter be more fully set forth and claimed.

In the accompanying drawings, I have illustrated one complete example of the physical embodiment of my invention in which two forms of wall supports are shown forming part of the device of the invention. The drawings show the best mode I have so far devised for the practical application of the principles of my invention, but it will be understood that various changes may be made within the scope of my claims without departing from the principles of my invention.

Figure 1 is a view showing a portion of a wall with the support thereon and the stand boiler in supported position;

Fig. 2 is a plan view of the base ring of the support;

Fig. 3 is an edge view of the base ring;

Fig. 4 is a top plan view of one of the brackets;

Fig. 5 is a side view of one of the brackets;

Fig. 6 is a face view of a wall stud with the two brackets applied thereto;

Fig. 7 is a vertical sectional view at line 7-7 of Fig. 6;

Fig. 8 is a perspective view showing an upper bracket; and

Fig. 9 is a perspective view showing a lower bracket.

In order that the general arrangement of parts may readily be understood, I have shown the usual type of stand boiler B and

the house wall W with the lathing work L. One of the studs in the wall is indicated as S, and the supporting brackets are attached to this stud.

In carrying out my invention, I use a base ring 1 having a horizontal flange 2 which receives the bottom end of the stand boiler, and below the horizontal flange 2 are provided a pair of downwardly projecting T-lugs 3.

In connection with the base ring, I use a pair of braces 4, 4 each of which is provided with a curved portion 5 complementary to the curve of the base ring 1. At the inner side of the braces and within the curved portion these braces are fashioned with lugs 6 having T-shaped slots 6' and it will be apparent that these T-shaped slots are adapted to receive the T-lugs 3 of the base ring. These braces with their curved arms 5 support the base rings and of course the stand boiler is supported on the base ring. The curved parts 5 extend around a considerable portion of the under face of the base ring and the interlocking lugs 3 and slotted lugs 6 hold the ring against displacement, and the ring rigidly joins the braces. Each brace has an upper hook 7 and a lower hook 8, and these hooks provide respectively notches 7' and 9, and the notches are designed to slip over the front walls of the respective brackets 10 and 11.

The bracket 10 as shown in Fig. 8 is provided at its rear with flanges 12 and bolts 13 are passed through perforations in these flanges so that when the bracket is slipped around the stud S the bolts are clamped to rigidly hold the bracket on the stud. At the front of the bracket is provided the socket 14 which is of tapered formation and designed to receive two pairs of lugs 7 of the braces, the notch 7' slipping down over the front wall of the socket. The lower bracket 11 is bolted to the face of the stud as at 15 and this bracket has a tapered socket 16 to receive the pair of hooks 8, with the notch 9 slipping over the front wall of the socket 16.

As thus assembled, it will be apparent that the weight of the boiler holds the hooks 7 and 8 in their sockets 14 and 16 and the braces 4 and 4' support the stand boiler as indicated in Fig. 1. When the brackets are attached to the stud during the building operation, these brackets are covered with plas-

ter except for the sockets 14 and 16. When the brackets are attached to the wall after the latter has been completed, the brackets are fastened against the face of the wall and
5 to the studs S within the wall.

From the above description taken in connection with my drawings, it is apparent that I have provided a support for the stand boiler which eliminates many of the objectionable features present with the use of
10 the stand or base supported on the floor, and this arrangement of parts permits the facile use of a mop, brush or broom on the floor beneath the stand boiler.

15 Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent is—

1. The combination with a base ring having a pair of lugs, of a pair of braces having complementary slots for the lugs, a pair
20 of brackets having sockets, and a pair of

hooks on each brace for coaction with said sockets.

2. In a stand boiler support the combination with a flanged base ring having spaced
25 T-lugs at its underside, of a pair of braces each having a slotted lug for coaction with the T-lugs, brackets having sockets, and means on the braces for engagement with
30 said sockets.

3. The combination with the flanged base ring having a pair of spaced T-lugs at its underside, of a pair of braces each having an upper and lower hook, and a slotted lug
35 on each brace for coaction with the T-lugs, an upper and lower bracket, and sockets formed in said brackets for the reception of pairs of hooks.

In testimony whereof I affix my signature.

MERTON L. AUSTIN