March 29, 1927. 1,622,884

O. M. REDLON

BOILER STAND

Filed Feb. 6, 1926

Fig. 1,

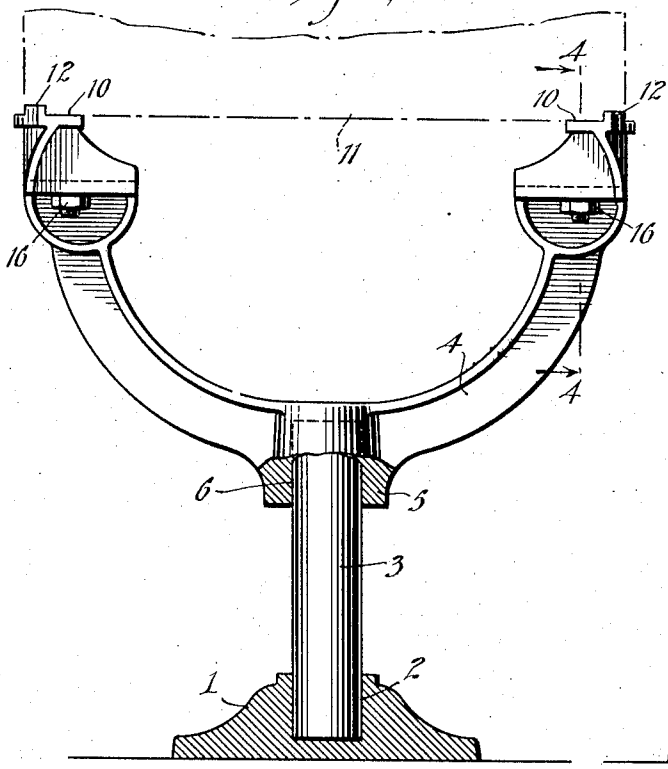


Fig. 2,

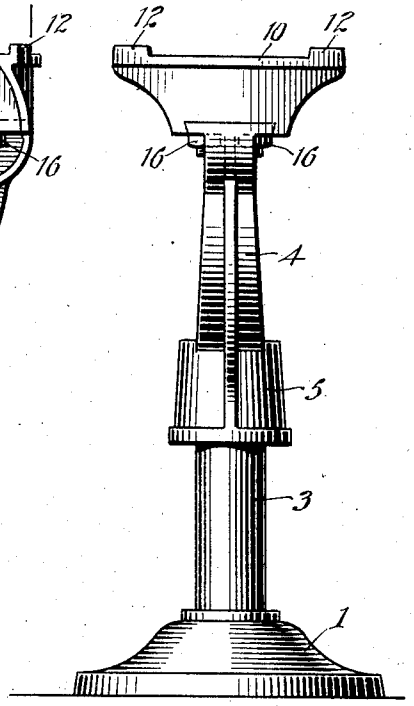


Fig. 3,

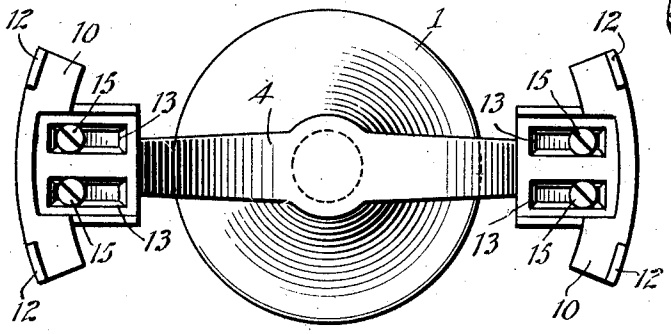
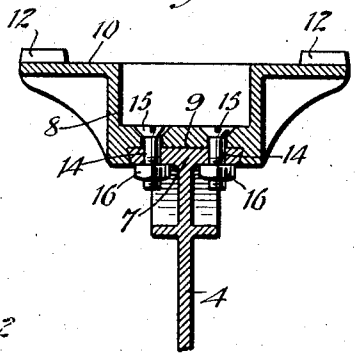


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

OSGOOD M. REDLON, OF BATH, MAINE.

BOILER STAND.

Application filed February 6, 1926. Serial No. 86,620.

This invention relates to boiler stands and more particularly to adjustable stands for domestic boilers, an object of the invention being to provide a stand which may be adjusted so as to support boilers of different diameters and which is also capable of modification or adjustment to support the boiler at any desired elevation.

With these and other objects in view, the invention consists in certain novel features of construction and combinations and arrangements of parts, which will be more fully hereinafter described and pointed out in the claim.

In the accompanying drawings—

Figure 1 is a view, partly in side elevation and partly in vertical section, illustrating my improved stand in operative position supporting a domestic boiler, the latter being shown by dot and dash lines;

Figure 2 is a view in elevation at right angles to Figure 1;

Figure 3 is a top plan view of my improved stand;

Figure 4 is an enlarged view in transverse section on the line 4—4 of Figure 1.

1 represents the base of my improved stand which is provided with a central recess 2 in its upper face, receiving a post 3. 4 represents a U-bracket which is provided centrally with an enlargement 5 having a recess 6 in its lower face receiving the upper end of the post 3. This post 3 and the recesses 2 and 6 are of general cylindrical form but it is of course to be understood that they may be of any shape desired, and it is also to be understood that the post is designed to be removable so that a longer or shorter post may be inserted to vary the height of the stand and the consequent elevation of the boiler supported thereon.

The U-bracket 4 is so constructed at its respective ends as to provide supporting plates 7 which are horizontally disposed and which in cross section are of dovetail formation; in other words, the side edges of these plates 7 taper inwardly from their upper to their lower edges.

The plates 7 support adjustable brackets 8 and these brackets in their lower faces have grooves 9 corresponding in cross sectional shape to the cross sectional shape of the plates 7 to fit said plates but are capable of sliding movement thereon without danger of displacement.

These brackets 8 have bearing faces 10 adapted to receive a boiler 11 thereon, and upwardly projecting flanges 12 on the bearing faces of the brackets 8 engage the outer face of the boiler so as to hold the same against displacement.

It will be noted, particularly by reference to Figure 3, that these bearing faces 10 are extended beyond the intermediate portions of the brackets and are curved concentrically with each other and with the boiler so as to give the desired support for the boiler.

As above stated, the brackets 8 are adjustable toward and away from each other so as to fit and accommodate various sizes of boilers, but it is of course desirable that these brackets when once adjusted may be rigidly secured against accidental movement. With this end in view I form longitudinal slots 13 in the brackets 8 and provide openings 14 in the plates 7. Headed bolts or screws 15 project through the slots 13 and openings 14, and nuts 16 are screwed onto the screws or bolts 15 below the plates 7 to securely clamp the parts in any position of adjustment.

Various slight changes and alterations might be made in the general form of the parts described without departing from my invention and hence I do not limit myself to the precise details set forth but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claim.

I claim:

A stand of the character described, comprising a U-bracket, means for supporting the U-bracket, flat plates at the ends of the U-bracket having tapering edges, boiler supporting brackets having grooves in their under faces fitting the plates, bolts projected through the boiler supporting brackets and through the plates, nuts or said bolts, and one of said parts having longitudinal slots accommodating the bolts connected thereby whereby the boiler supporting brackets are capable of adjustment toward and away from each other.

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