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E. SLOWINSKI ET AL

BOILER RACK

Filed Dec. 10, 1926

Fig. 1.

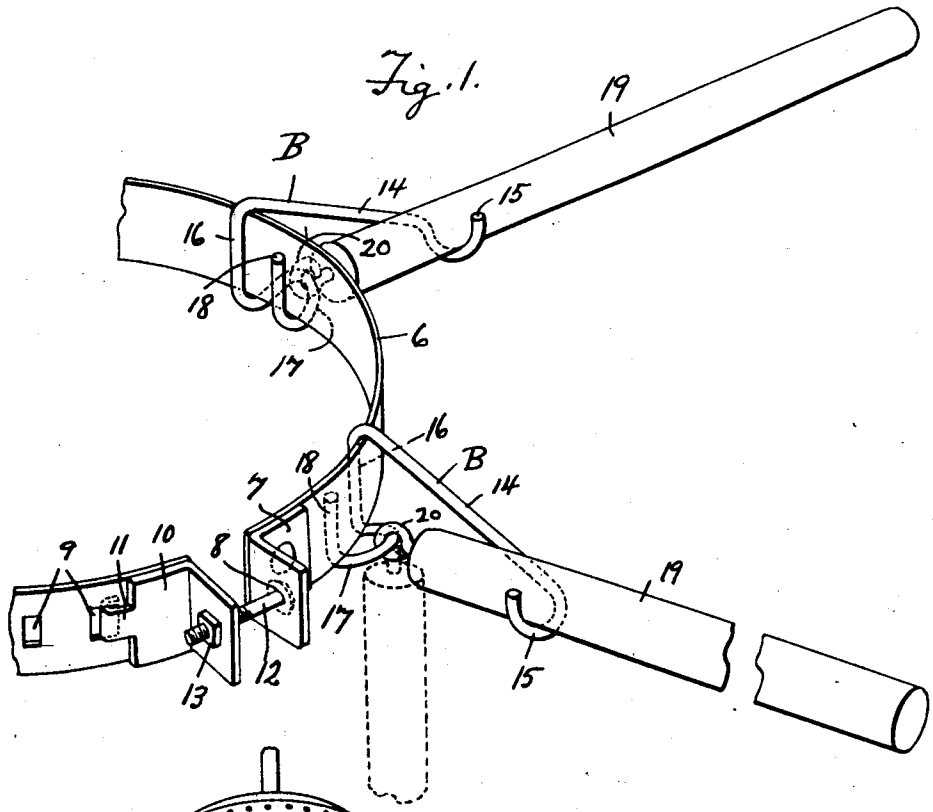
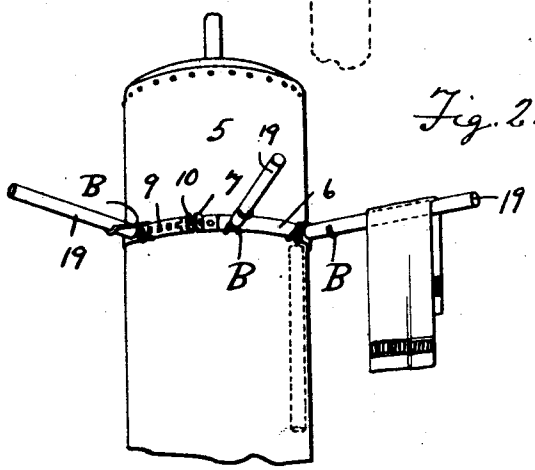


Fig. 2.



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BOILER RACK.

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The present invention relates to racks and it has more particular reference to devices for hanging clothes and the like, and it has for its primary object to provide a novel device of the foregoing specified character which is adapted to be mounted about an ordinary hot water boiler such as are located in houses of the dwelling type.

Another important object of the invention lies in the provision of a device of this nature which includes generally a split band that may be mounted about the boiler and has means thereon so that rods may be projected radially and outwardly therefrom or may be hung downwardly therefrom when not in use. Another very important object of the invention lies in the provision of a novel bracket structure for holding a rod in a horizontal position when in use or allowing the same to hang downwardly when out of use.

A still further very important object of the invention lies in the provision of a device of this nature which is exceedingly simple in its construction, inexpensive to manufacture, strong and durable, easy to manipulate, and otherwise well adapted to the purpose for which it is designed.

With the foregoing and other objects in view as will be more apparent from the foregoing description, this invention consists essentially in certain novel features of construction, combination, and arrangement of parts hereinafter fully described and more specifically claimed.

In the further disclosure of the invention reference is to be had to the accompanying sheet of drawings constituting a part of this specification and in which like characters of reference designate the same or corresponding parts in all the views.

Figure 1 is a fragmentary perspective view of the device embodying the features of our invention,

Fig. 2 is a perspective view of a portion of a boiler showing our improved device mounted thereon.

Referring to the drawings in detail, it will be seen that the numeral 5 denotes an ordinary household boiler. A split ring 6 is adapted to be disposed about the boiler and at one end has fixed thereto an L-shaped member 7 having an opening 8. The other end of the split ring is provided with a plurality of spaced openings 9. Another L-shaped member 10 has one end provided with a hook extension 11 adapted to engage in one of the openings 9. This L-shaped bracket 10 is also provided with an opening similar to the opening 8 in the bracket 7. A bolt 12 pierces the opening 8 and a nut 13 is threaded thereon so that the nut may be tightened for drawing the L-shaped members 7 and 10 towards each other thereby tightening the spring ring 6 about the boiler. Obviously, the L-shaped member 10 may be adjusted in relation to the band or ring as may be required owing to different diameters in the household boilers or other structures of a cylindrical nature to which the present device may be attached.

A plurality of brackets B are mounted about the split ring or band 6. These brackets are all of the same construction and a detailed description of one will suffice for all. Each bracket is formed from a single strand of material bent to provide a relatively elongated straight portion 14 terminating at one end in a laterally curved hook extension 15 while the other end terminates in a downwardly directed leg of a U-shaped portion, said leg being denoted by the numeral 16 and merging into the curved bight 17 which in turn terminates in the other leg of the U-shaped portion denoted specifically by the numeral 18. It is to be noted that the legs 16 and 18 are vertically disposed in substantial parallelism and in spaced relation while the bight portion 17 is disposed in a substantial horizontal plane and the straight elongated portion 14 is disposed in an inclined plane, that is, it extends outwardly and downwardly. The legs 18 are adapted to be disposed inside the band 6 while the bight portion 17 is under the lower edge of the band and the straight elongated portion 14 extends over the upper edge of the band.

Rods 19 are provided with eyes 20 at one end which are pierced by the bight portions 17.

It will be seen that the rods 19 may be disposed to rest in the hook extensions 15 and thus extend substantially horizontally and radially in respect to the band ring 6 and therefore be used for hanging clothes or the like thereon. When these rods, however, are not in use they may be suspended downwardly as indicated in dotted lines in Fig. 1.

The numerous advantages of a rack constructed in accordance with the foregoing

invention will be perfectly clear without further explanation and description and it will also be obvious that by our invention we have provided a simple, useful, and very reliable and efficient article for the purposes hereinbefore specified.

While we have shown and described the preferred embodiment of the invention it will be obvious that the same is susceptible of minor changes and modifications without departing from the spirit or scope thereof and for the foregoing reasons we wish it hereby clearly understood that we do not limit ourselves to the precise arrangement and formation of the several parts shown but consider ourselves at liberty to make detailed changes and variations therein as fairly lie within the claimed scope of the invention.

Having thus described our invention what we claim as new is:—

1. In a boiler rack of the character described a band, a plurality of brackets associated with the band, each bracket consisting of a single strand of material bent to provide a U-shaped member for engagement in back of the band, and a substantially horizontal and right angular straight portion for engagement outwardly of the band at the upper edge thereof, a lateral hook upon the outer end of the straight portion, the bight of the U-shaped member extending below the lower edge of the band and being bent outwardly with respect thereto, said supporting arm being pivotally secured to the bight and adapted to be maintained in substantially horizontal position when swung upwardly and arranged upon the hook of the bracket.

2. In a boiler rack of the character described, a band, a plurality of brackets associated with the band, each bracket consisting of a single strand of material bent to provide a U-shaped member for engagement in back of the band and a substantially horizontal and right angular straight portion for engagement outwardly of the band at the upper edge thereof, a lateral hook upon the outer edge of the straight portion, the bight of the U-shaped member extending below the lower edge of the band and being bent outwardly and in substantially horizontal plane with the lateral hook, said supporting arm having an eye at one end thereof through which the bight of the U-shaped portion extends, for pivotally supporting the same in substantially horizontal position when swung upwardly and arranged upon the hook of the bracket.

3. In a boiler rack of the character described, a band, a plurality of brackets associated with the band, each bracket consisting of a single strand of material bent to provide a U-shaped member for engagement in back of the band, and a substantially horizontal and right angular straight portion for engagement outwardly of the band at the upper edge thereof, a lateral hook upon the outer edge of the straight portion, the bight of the U-shaped member extending below the lower edge of the band and being bent outwardly and in substantially a horizontal plane with the lateral hook, said straight portion being inclined from the top edge of the band to a point horizontal with the bottom edge of the band, said supporting arm having an eye at one edge through which the bight of the U-shaped portion extends for pivotally supporting the same in substantially a horizontal position when swung upwardly and arranged upon the hook of the bracket.

In testimony whereof we affix our signatures.

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