

PATENTED MAR. 1, 1904.

APPLICATION FILED DEC. 3, 1903.

NO MODEL.

Fig. 1.

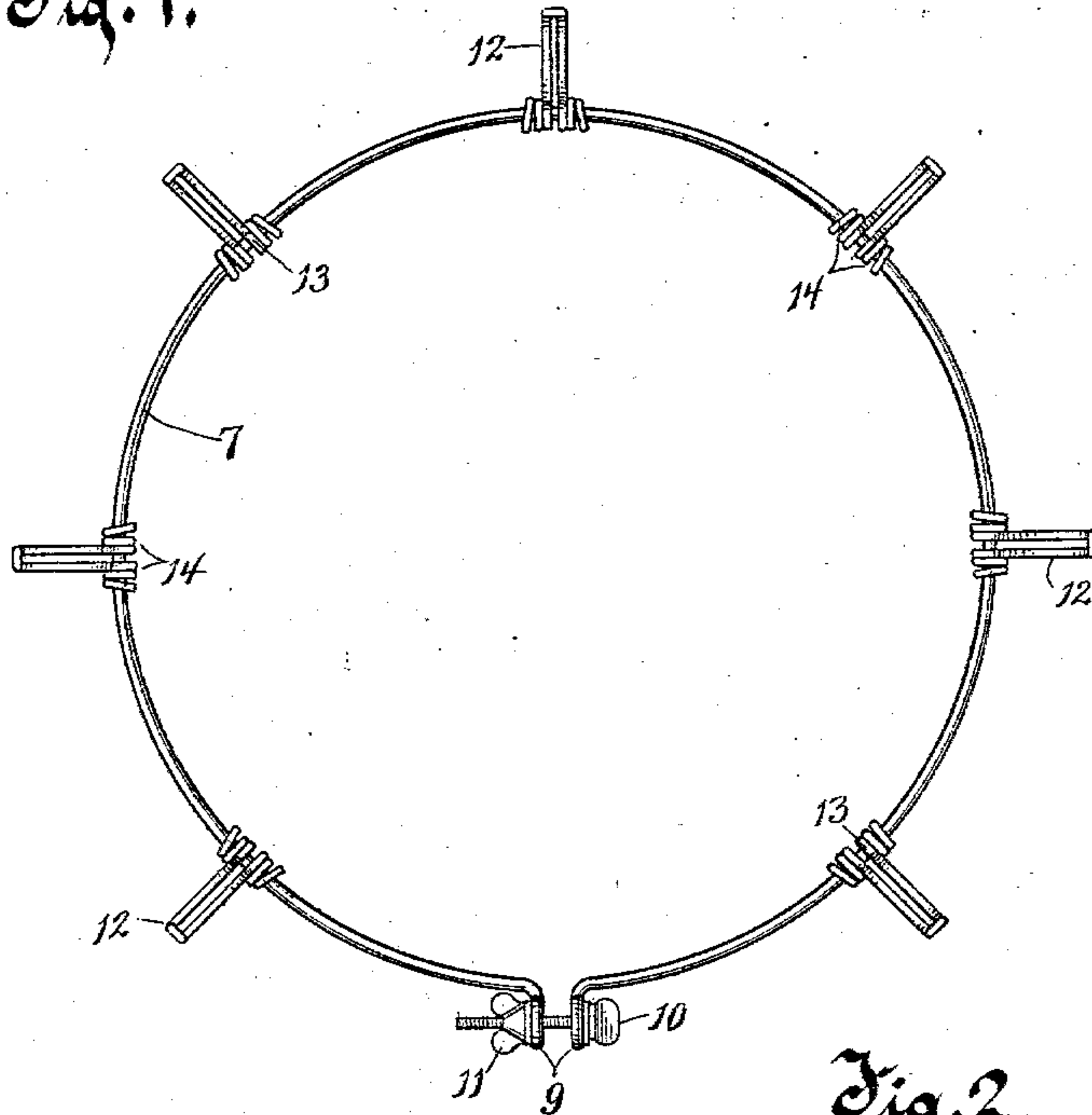


Fig. 2.

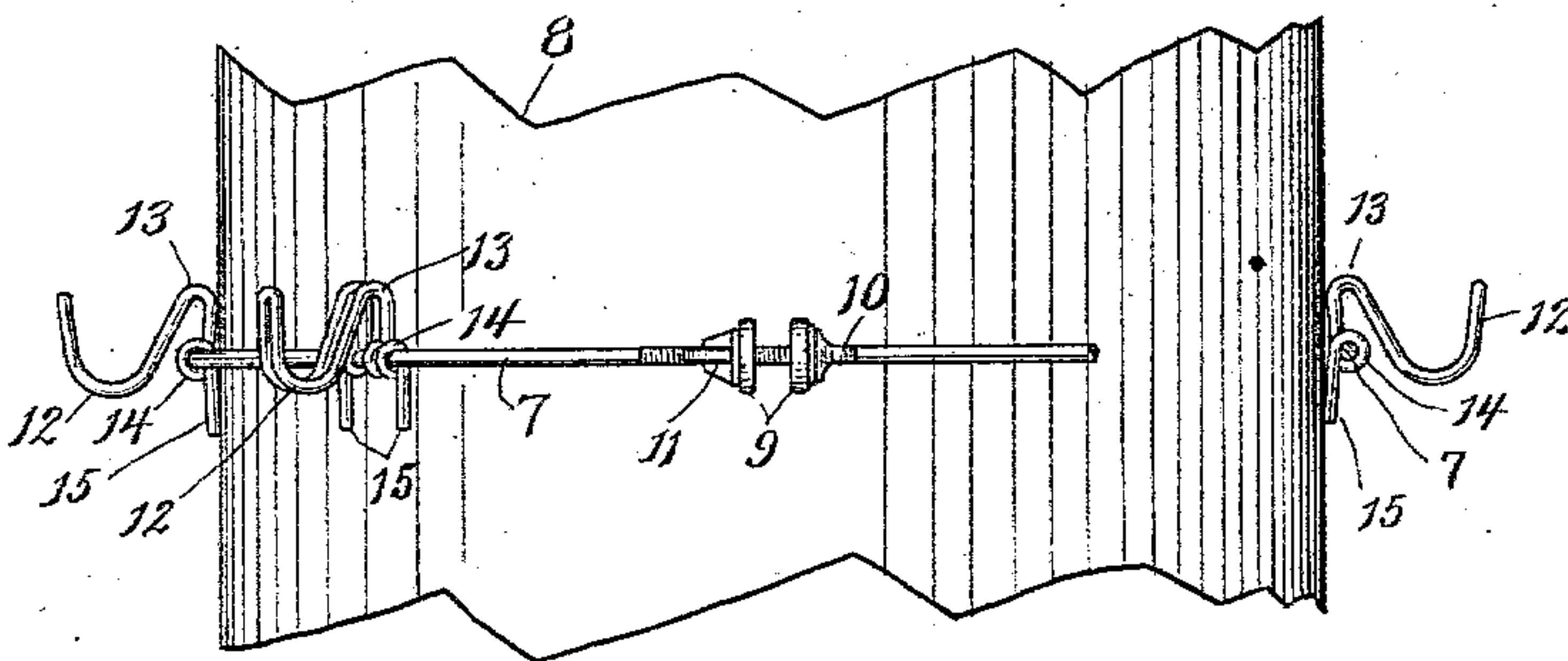


Fig. 3.

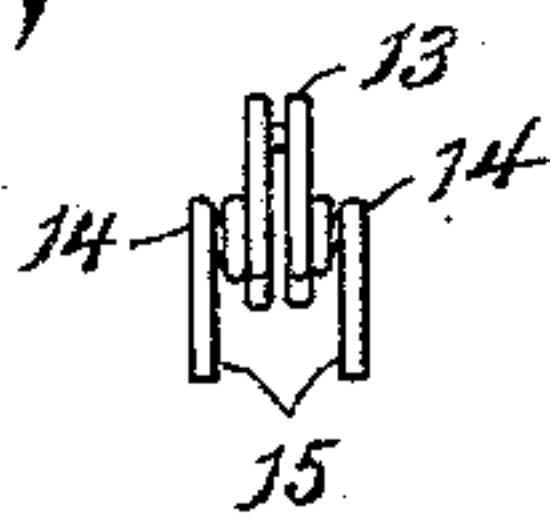
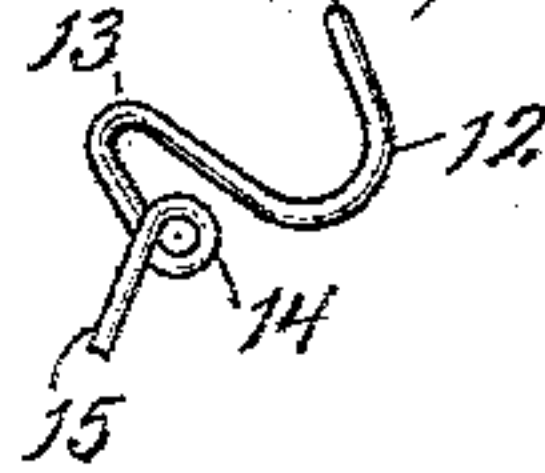


Fig. 24.



Inventor.

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UNITED STATES PATENT OFFICE.

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DRYING ATTACHMENT FOR BOILERS.

SPECIFICATION forming part of Letters Patent No. 753,446, dated March 1, 1904.

Application filed December 3, 1903. Serial No. 183,610. (No model.)

To all whom it may concern:

Be it known that I, WILLIS B. SWARTWOUT, residing at Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented
5 a new and useful Improvement in Drying Attachments for Boilers, of which the following is a description, reference being had to the accompanying drawings, which are a part of this specification.

10 My invention relates to certain new and useful improvements in drying attachments for boilers, and has for its object to provide an attachment for a range-boiler capable of supporting damp cloths of any description, such
15 as dish cloths and towels, in close proximity to the heated surface of the boiler, where they will quickly dry.

A further object of this invention is to employ spring-acting supporting means which
20 may be readily adjusted in position on the band holding them when said band is loose, but which by their spring action bind themselves against the boiler when the band is tight, so that displacement is impossible.

25 With the above objects in view the invention consists of the devices and parts or their equivalents, as hereinafter set forth.

Referring to the accompanying drawings, in which like characters of reference indicate
30 the same parts in the several views, Figure 1 is a plan view of my improved attachment. Fig. 2 is an elevation thereof as applied to a boiler, a part being broken away. Fig. 3 is rear elevation of one of the supporting-hooks,
35 and Fig. 4 is a side elevation of the same.

In the drawings, 7 represents a band, preferably of heavy wire and circular in form, to fit around a hot-water range-boiler 8 and has at its extremities outwardly-bent loops or eyes
40 9. A thumb-screw 10 is passed through the two eyes 9 and has a winged nut 11 threaded thereon to tightly draw the two eyes 9 together, and so clamp the band 7 firmly in place on the boiler.

45 A number of hooks 12 are loosely mounted on the band 7, so as to be adjustable thereon to any position desired before the band is tightened by the screw 10. These hooks are preferably formed of wire bent back upon
50 itself at the middle portion and curved to form

a projecting hook-section with an upwardly and inwardly extending shoulder 13. At the hook-section and the shoulder the wire is doubled; but after forming the shoulder it passes down inside of the band 7 and separates,
55 each end independently coiling about the band 7 in one or more turns 14 on its respective side of the shoulder 13 and terminates in an inwardly and downwardly extending leg 15. The legs 15 being inclined oppositely to the
60 inner portions of the shoulders 13, the coils 14 have a tendency to stand away from the boiler until the band 7 is tightened and said coils are drawn close to the boiler against their spring action. Thus while the band 7
65 is loose it may be adjusted vertically by sliding on the boiler until the desired elevation is reached. Then the hooks 12 may be adjusted on the band 7 to stand wherever required, and when the screw 10 is tightened all parts are
70 rigidly clamped in place.

The depending legs 15 besides forming with the shoulders 13 the spring-clamp for holding the hooks against displacement when the band is tight further serve as braces to prevent the
75 hooks turning on the band 7 when supporting some weight.

The device may be attached or removed from the boiler by removing the screw 10 and springing the band 7 around the boiler or by
80 springing it around the connecting-pipes at the end of the boiler.

The wet cloths are to be hung upon the radially-projecting hooks 12, where they will quickly dry, owing to their being so close to
85 the heated surface of the boiler.

It is obvious that the entire attachment is readily adjusted in place and when secured is firmly held against displacement and serves as a convenient and neat means for supporting
90 the wet cloths close to the heated surface of the boiler.

While I have shown and described my invention as being attached to a range-boiler, when of proper size it may be equally well
95 applied to a stove-pipe or other heated body, and such use is contemplated by me. I would deem the application of my invention to a non-heated pillar or post or other medium as within the spirit and scope of my invention; but the
100

device in that event would merely be in the nature of a support for cloths, clothing, and the like and not of the character of a drying attachment. In view of the above it is to be understood that the term "drying attachment for range-boilers" and similar expressions are not intended as limitations of the use to which the invention may be put, but are to be understood as comprehending such other uses as the invention is capable of.

What I claim as my invention is—

1. In a drying attachment for range-boilers, a band adapted to surround the boiler and having means for tightening it, in combination with a hook mounted on the band and provided with inwardly-extending projections above and below the band forming a spring-clamp against the side of the boiler when the band is tightened.

2. In a drying attachment for range-boilers, a band adapted to surround the boiler, a hook formed of wire coiled on the band and provided with inwardly-extending projections above and below the band engaging the side of the boiler and holding the coil away therefrom, and means for tightening the band against the spring action of the hook.

3. In a drying attachment for range-boilers, a band adapted to surround the boiler, a hook

formed of wire bent upon itself to form a hook-section with an upwardly and inwardly extending shoulder and having each end coiled around the band and terminating in inwardly-projecting legs beneath the band, said shoulder and legs being adapted to bear against the side of the boiler to hold the coils away therefrom, and means for tightening the band to draw the coils toward the boiler.

4. In a drying attachment for range-boilers, a wire band adapted to surround the boiler, a hook formed of wire bent upon itself to form a hook-section with an upwardly and inwardly extending shoulder and having each end coiled around the band and terminating in inwardly-projecting legs beneath the band, said shoulder and legs being adapted to bear against the side of the boiler to hold the coils away therefrom, loops formed at the ends of the wire band and bent outwardly, a thumb-screw passing through the loops, and a winged nut threaded on the thumb-screw.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIS B. SWARTWOUT.

Witnesses:

C. T. BENEDICT,
A. L. MORSELL.