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A. H. HOWE

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TOWEL RACK

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Fig. 1.

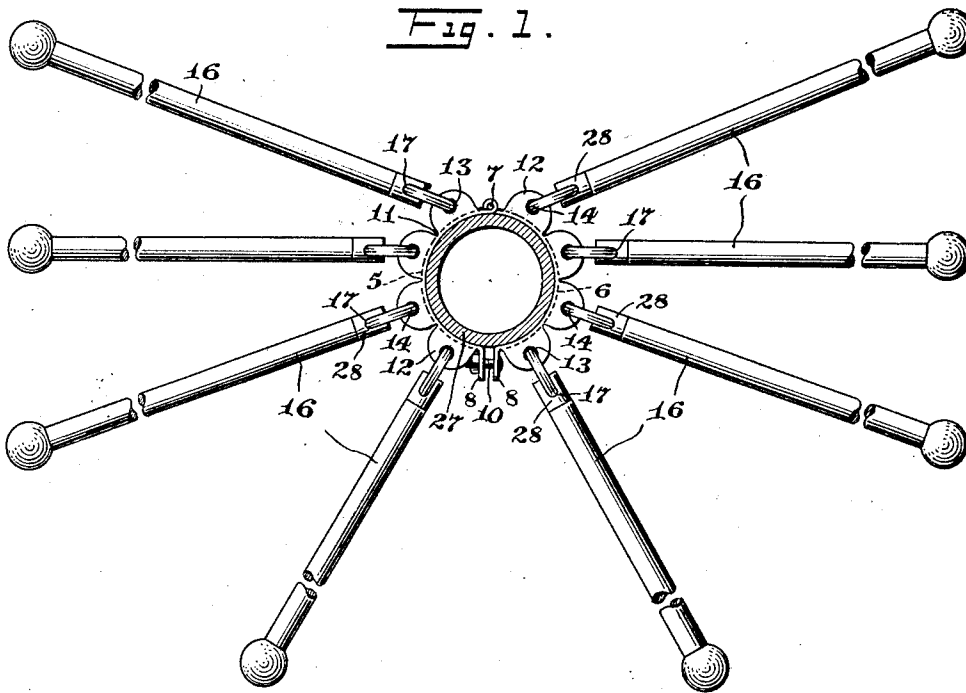


Fig. 2.

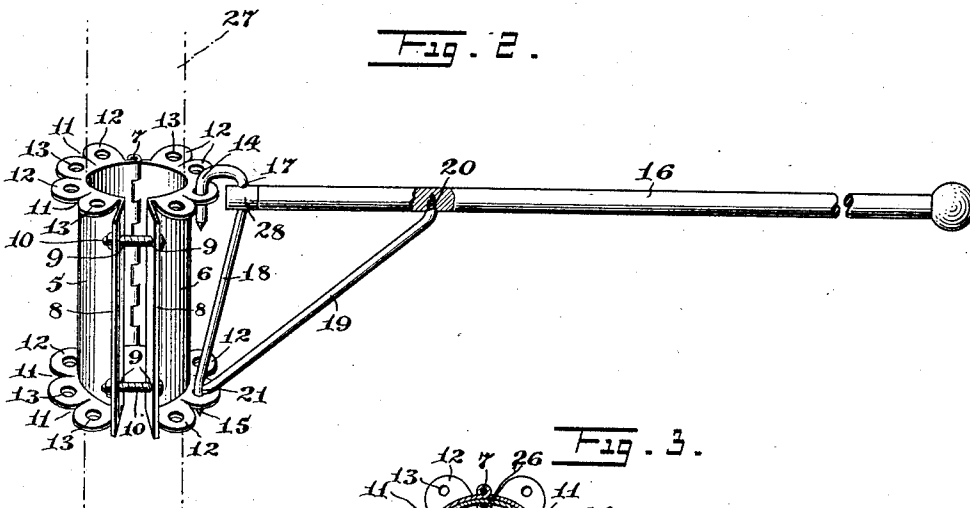
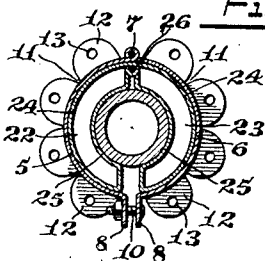


Fig. 3.



WITNESSES

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TOWEL RACK

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The invention comprehends a towel rack which may be manufactured with little material and at little expense, which may be readily secured in place without effort or delay by inexperienced persons and which is efficient in use.

The invention further comprehends a towel rack which has two arcuate members which are hinged together at one set of sides with the other sides bent outwardly to form flanges having orifices through which bolts are normally disposed for clamping the arcuate members around a pipe or boiler, the ends of the arcuate members having longitudinal cuts with the ends of the arcuate members between the cuts bent outwardly to form radially disposed flanges in which there are openings to receive hooks on arms which are provided for supporting the towels or other articles to be dried.

Another object of the invention is to provide a bushing or spacing means when the invention is used on pipes of small diameter, this bushing consisting of two pieces of sheet metal each bent to form a double-walled arcuate section with its ends bent to form the knuckles of a hinge, the knuckles being disposed between the walls with a pin disposed in the knuckles.

Additional objects of the invention will appear in the following specification in which the preferred form of the invention is described.

In the drawings similar reference characters refer to similar parts in all the views, of which

Figure 1 is a plan view showing my towel rack with the pipe to which it is secured illustrated in section,

Figure 2 is a perspective view showing my towel rack with a part shown in section to illustrate the construction, and

Figure 3 is a modified form of the invention showing the use of my towel rack in connection with the spacing means employed where the pipe is of small diameter.

By referring to the drawings it will be seen that two arcuate members 5 and 6 are provided, these arcuate members being hinged together at their sides 7 and having their

other sides bent outwardly or radially to form flanges 8 having openings 9 through which bolts 10 are normally disposed, these bolts serving to press the arcuate members 5 and 6 against the pipe 27, as illustrated in Figure 1 of the drawings.

The ends of the arcuate members 5 and 6 have longitudinal cuts 11 so that the ends of the arcuate members 5 and 6 may be bent outwardly between the cuts 11 to form the radially disposed flanges 12, these flanges 12 preferably having their outer edges rounded, as illustrated in the drawings. In the flanges 12 there are openings 13 for receiving the hooks 14 and 15 on the arms 16. It will be seen by referring to Figure 2 of the drawings that the hooks 15 are not as long as the hooks 14 so that the hooks 14 may be disposed in the openings 13 in the upper flanges 12 and when these hooks 14 are in engagement with the said flanges 12 at their openings 13 the hooks 15 may be disposed in the openings 13 in the lower flanges 12. This makes it possible to readily adjust the arms 16. The ends of the hooks 14 and 15 are preferably pointed or cone shaped in order to facilitate the entrance of the hooks into the openings 13 in the flanges 12.

Each of the arms 16 preferably has a ferrule 28 with an opening 17 through which the shank 18 of the hook 14 is disposed, this shank 18 also preferably having the hook 15 at its lower end. I prefer to secure or weld a brace 19 to the lower portion of the shank 18, this brace 19 preferably having a screw thread 20 which is turned into the arm 16 before the brace 19 is welded to the shank 18 at 21.

Preferably the towel rack is provided with spacing means, illustrated in Figure 3 of the drawings, consisting of a bushing in two parts 22 and 23, each of these parts having an outer wall 24 and an inner wall 25, the walls 24 and 25 being spaced apart and the members 22 and 23 having their ends bent to form knuckles which are engaged by a pin 26 within the outer walls 24 so that the hinge will not protrude when the arcuate members 25 and 26 are disposed around the spacing means, as illustrated in Figure 3 of the drawings.

What is claimed is:

1. In a towel rack, two arcuate members hinged together at one pair of side edges, the arcuate members having their other sides bent outwardly to form flanges, the arcuate members having longitudinal cuts spaced apart in their ends with the parts between the cuts bent outwardly to form radially disposed flanges, there being openings in the first mentioned flanges, bolts normally disposed in the openings for holding the flanges relatively to each other with the arcuate members gripping a third member, there being openings in the radially disposed flanges for receiving hooks on arms, and arms having hooks spaced apart normally disposed in the openings in the radially disposed flanges.

2. In a towel rack, two arcuate members hinged together at one pair of side edges, the arcuate members having their other sides bent outwardly to form flanges, the arcuate members having longitudinal cuts spaced apart in their ends with the parts between the cuts bent outwardly to form radially disposed flanges, there being openings in the first mentioned flanges, bolts normally disposed in the openings for holding the flanges relatively to each other with the arcuate members gripping a third member, there being openings in the radially disposed flanges for receiving hooks on arms.

3. In a towel rack, two arcuate members hinged together at one pair of side edges, the arcuate members having their other sides bent outwardly to form flanges, the arcuate members having longitudinal cuts spaced apart in their ends with the parts between the cuts bent outwardly to form radially disposed flanges, there being openings in the first mentioned flanges, bolts normally disposed in the openings for holding the flanges relatively to each other with the arcuate members gripping a third member, there being openings in the radially disposed flanges for receiving hooks on arms, and a spacing means including two members hinged together and normally disposed between the arcuate members and the third mentioned member.

4. In a towel rack, two arcuate members hinged together at one pair of side edges, the arcuate members having their other sides bent outwardly to form flanges, the arcuate members having longitudinal cuts spaced apart in their ends with the parts between the cuts bent outwardly to form radially disposed flanges, there being openings in the first mentioned flanges, bolts normally disposed in the openings for holding the flanges relatively to each other with the arcuate members gripping a third member, there being openings in the radially disposed flanges for receiving hooks on arms, and a spacing means including two members each having an outer and an inner wall, the last mentioned members being hinged together within the outer walls and

being normally disposed between the arcuate members and the third mentioned member.

5. In a towel rack having members hinged together at adjacent sides, means to hold the other sides of the members relatively to each other, radially extending flanges at the opposite ends of the members, arms, and means cooperating with the members and the arms for supporting the latter.

6. In a towel rack having members hinged together at adjacent sides, means to hold the other sides of the members relatively to each other, radially extending flanges at the opposite ends of the members, arms, means cooperating with the members and the arms for supporting the latter, and a spacing means having members with inner and outer walls, the last mentioned members being hinged between their walls and the spacing means being normally disposed within the first mentioned members.

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