A. BIRDSLEY.

TOWEL RACK.

APPLICATION FILED FEB. 17, 1913.

1,067,581.

Patented July 15, 1913.

Fig. 1.

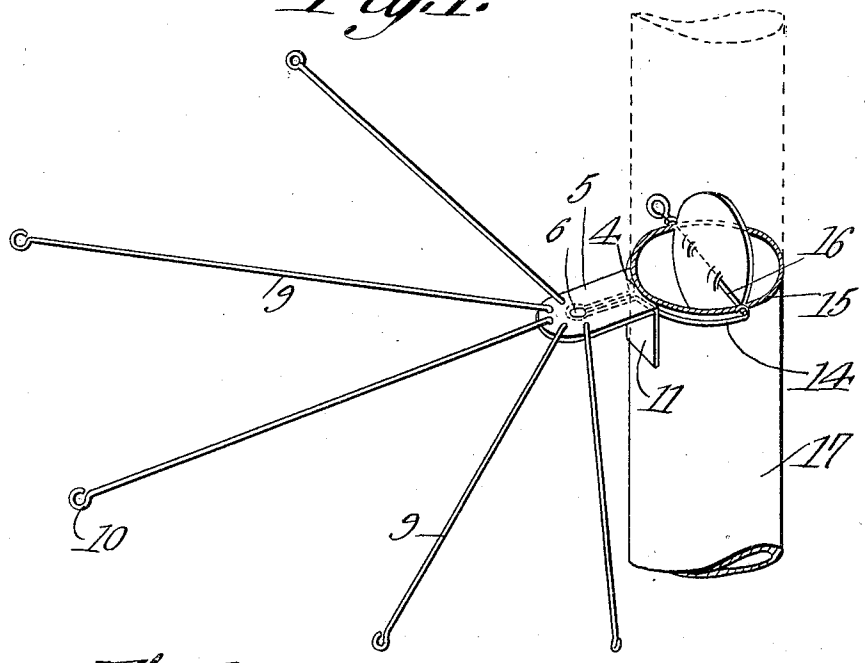


Fig. 2.

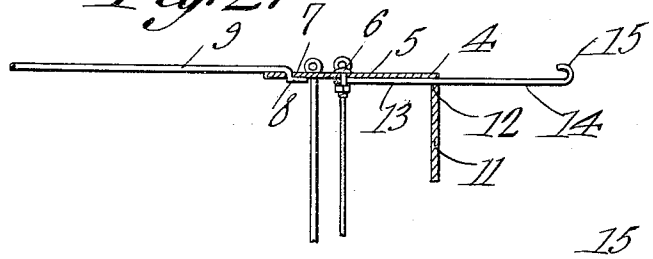
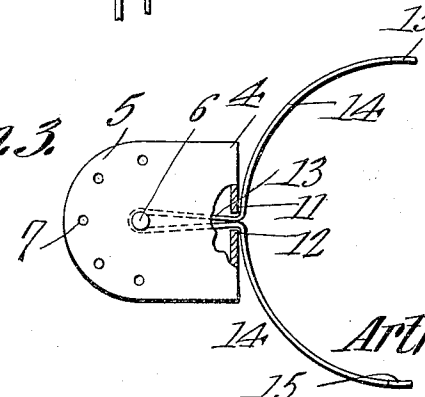


Fig. 3.



Witnesses

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TOWEL-RACK.

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To all whom it may concern:

Be it known that I, ARTHUR BIRDSLEY, a citizen of the United States, residing at Lyons, in the county of Clinton and State of Iowa, have invented a new and useful Towel-Rack, of which the following is a specification.

The present invention appertains to a rack for drying clothes, and other fabrics or textiles and aims primarily to provide a novel and improved device of this character, and particularly one which may be attached to a stove pipe in a peculiar manner so as to support the articles, adjacent the pipe or over the stove.

It is also the object of the present invention to provide an appliance of the character indicated which shall have means for engaging the protruding ends of a damper rod journaled through the stove pipe in order to support the device effectively from the stove, and in order that the device may be readily attached and detached to and from the pipe.

Another object of the present invention is to provide a rack embodying a plurality of article supporting arms, which may be extended so as to project horizontally from the stove pipe, and which may be folded so as to lie approximately alongside or parallel with the stove pipe, the arms being adapted to swing when extended and lying in a compact cluster or within a small compass when folded or retracted.

This invention also aims to provide a device of the character indicated which shall be simple, substantial, durable, compact and inexpensive in construction, as well as being convenient, serviceable and efficient in its use.

With the foregoing and other objects in view, which will appear as the description proceeds, the invention resides in the combination and arrangement of parts and in the details of construction hereinafter described and claimed, it being understood that changes in the precise embodiment of invention herein disclosed can be made within the scope of what is claimed without departing from the spirit of the invention.

The invention has been illustrated in its preferred embodiment in the accompanying drawing, wherein:—

Figure 1 is a perspective view of the device as applied to a stove pipe, a fragment of the latter only being shown. Fig. 2 is a vertical section of the device, parts being broken away. Fig. 3 is a plan view of the device, parts being broken away and the article supporting arms being removed.

Referring specifically to the drawing, the improved rack embodies an angle plate 4 bent from sheet metal or other suitable stock, the upper or horizontal flange 5 of which carries a central rivet, bolt or other securing member 6 and has its outer end rounded or curved. This flange 5 is also provided with a series of apertures 7 adjoining its edges and preferably disposed in an arcuate line having the securing member 6 as a center. Through the apertures 7 are engaged the off set ends 8 of the article supporting arms or rods 9, which arms or rods have their other or outer ends formed into eyes 10. The off set ends 8 of the arms or rods engaging through the respective apertures 7 will permit the arms to swing freely so that they may be properly arranged to most effectively dry the articles supported thereby, and in order to permit the articles to be readily placed thereon. When the arms are not in use, they may be compactly folded or retracted by raising them and permitting them to slide downwardly through the apertures 7 until the eyes 10 at their free ends seat on the flange 5 of the angle plate. In this manner, one or more or all of the supporting arms may be extended or retracted, the arms being independent, but it being possible to extend and retract the same simultaneously or independently. The other or depending flange 11 of the angle plate is adapted to seat or rest against the stove pipe and is provided with an opening or slot 12 adjoining the bend or corner of the angle plate, a wire loop 13 bearing against the lower face or underside of the flange 5 and having its throat passing through the opening 12. The securing member 6 is engaged through the bight of the loop 13 so that the loop is firmly locked in position with its ends protruding through the opening 12 to assist in locking the loop against displacement. The ends of the loop 13 are extended into arcuate hanger arms 14, which jointly extend through an arc of approximately 180°, and which are adapted to straddle the stove pipe, their ends being bent into upturned hooks 15 to engage the protruding ends of the damper rod journaled through a stove pipe or other protuberances or projections carried by the stove pipe.

In use, the hanger arms 14 may readily be set astride one side of the stove pipe so that the hooks 15 may be engaged over the protruding ends of a damper rod journaled through the stove pipe. For the purpose of illustration, a damper rod 16 has been illustrated in Fig. 1, the same being journaled through the stove pipe 17, the hooks 15 being shown engaged to the ends of the damper rod with the flange 11 seating or resting against the stove pipe so as to support the rack effectively from the stove pipe. The article supporting arms 9 may be extended when they are to be used, and when not in use, they may be readily or compactly folded or retracted to a position adjoining or parallel with the stove pipe below the flange 5. This device may be readily attached and detached to and from the stove pipe, and is applicable to various stove pipes.

What is claimed is:—

1. In a device of the character described, a plate, a wire loop resting thereagainst, the plate having means to engage the throat of the loop, a securing member carried by the plate and passing through the bight of the loop, the ends of the loop being extended into hanger arms adapted to straddle an upright and having their ends provided with means to engage projections at the sides of the upright, and article supporting arms carried by the said plate.

2. In a device of the character described, an angle plate, one flange of which is seatable against an upright and has an opening adjoining the bend, a plurality of article supporting arms carried by the other flange, a wire loop having its throat fitting through the opening in the former flange and having its bight secured to the former flange, the ends of the loop being extended into a pair of hanger arms adapted to straddle an upright and having means at their ends to engage projections at the sides of the upright.

3. In a device of the character described, an angle plate, one flange of which is seatable against a stove pipe and has an opening adjoining the bend, a plurality of article supporting arms carried by the other flange, a wire loop having its throat fitting through the opening in the former flange, and a securing member carried by the latter flange and engaging through the bight of the loop, the ends of the loop being extended into arcuate hanger arms adapted to straddle the stove pipe and having their ends bent into upturned hooks to engage the protruding ends of a damper rod journaled through the stove pipe.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

ARTHUR BIRDSLEY.

Witnesses:

RHODA BURROWS,

F. L. HOLLERAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."