April 7, 1931. E. REYNOLDS 1,800,030

TOWEL RACK

Filed May 22, 1930

Fig. 1.

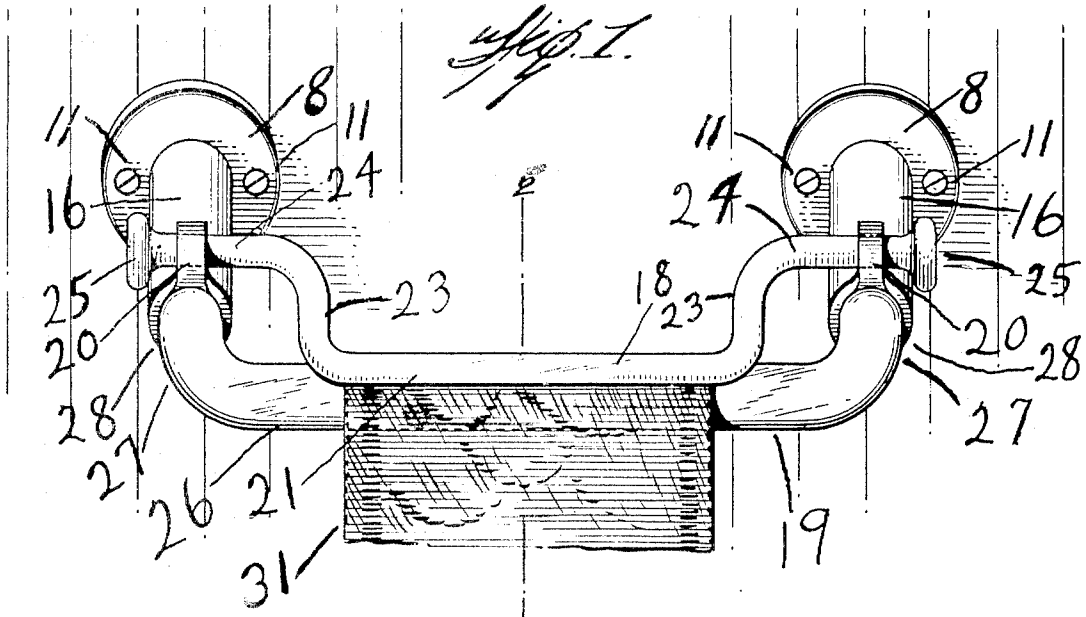


Fig. 2.

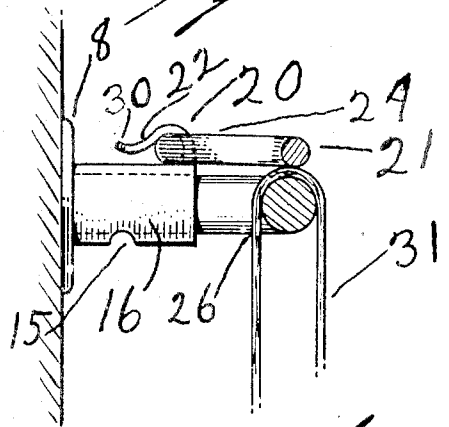


Fig. 3.

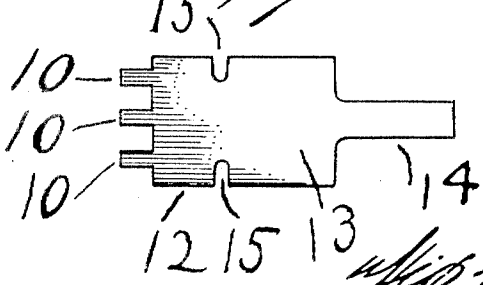


Fig. 4.

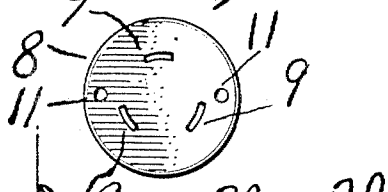


Fig. 6.

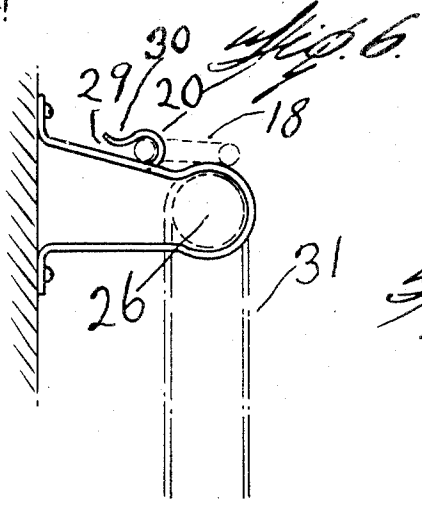
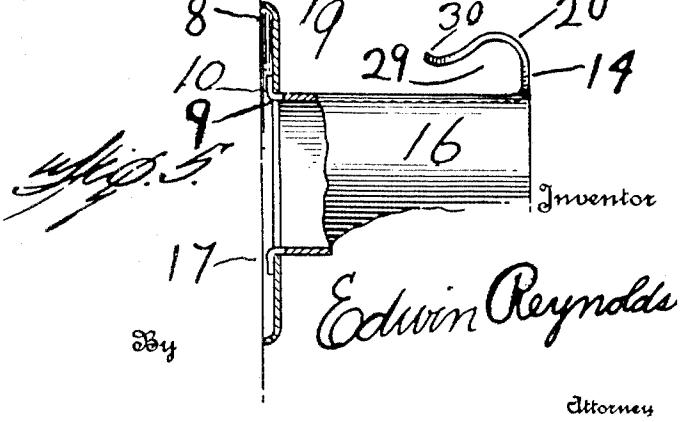


Fig. 5.



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UNITED STATES PATENT OFFICE

EDWIN REYNOLDS, OF VINELAND, NEW JERSEY

TOWEL RACK

Application filed May 22, 1930. Serial No. 454,681.

I do hereby declare the following to be a full, clear, and exact description of my invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the figures of reference marked thereon, which form a part of this specification.

The present invention has reference to new improvements in towel racks, towel bar brackets, towel holders and the like, and relates more particularly to a novel construction of the towel rack brackets in combination with a towel bar and non-slip towel holder.

One object of my invention is the provision of a combined bracket that will support a towel bar and a non-slip towel holder.

Another object of my invention is the provision of such a combined bracket that will support the towel bar rigid and allow the non-slip towel holder to have free hinging, swinging like movement, and be detachably journaled thereon.

A further object of my invention is the provision of such a combined bracket that will be simple, practical and substantial and cheap to manufacture.

With these objects in view my invention consists in the construction, arrangement, and cooperation of the parts as will now be described in detail in connection with the accompanying drawings, in which Fig. 1, is a perspective view from the front of my new combined bracket and non-slip towel holder rack adjusted to position.

Fig. 2 is a view in section from the inner side of my towel rack showing a section of the towel bar, and the non-slip towel holder in position.

Fig. 3 is a plan view of the new combined bracket body before being bent and formed into shape.

Fig. 4 is a plan view of the brackets supporting wall plate.

Fig. 5 is a side view of the new combined bracket after being assembled.

Fig. 6 is a view of my non-slip towel holder in section and its supporting bracket on a modified form of towel bar supporting bracket as used for straight towel bars.

The invention is shown in the accompanying drawings in what is now believed to be its preferred form, in which the wall plate 8, of Fig. 4, consists of a single piece of suitable material such as sheet metal having punched therein apertures 9 and 11. The combined bracket body, Fig. 3, for supporting the towel bar and non-slip towel holder is formed from a single piece of suitable material such as spring sheet metal 12 and 13 having lugs formed on one end thereof 10 and U-shaped slots 15, 15 and from its opposite end an integral extending tongue like member 14 from the transverse center of the body section 13. The said blank body 12, 13 is folded, bent and curved from its longitudinal center upon itself to form a tubular towel bar supporting bracket 16, as shown in Figs. 2 and 5, the lugs 10 of Fig. 3 are inserted through the apertures 9 of the wall plate 8 of Fig. 4 and bent over flush with the back of the wall plate 8 as shown at 17 in Fig. 5. The extended tongue like member 14 of Fig. 3 is then arcurately bent upward and curved backuponitself and above the tubular towel bar supporting socket 16 as shown in Figs. 2 and 5 to form an open circular like eye 29 and a resilient, adjustable, non-slip towel holder bracket 20 having its free end 30 slightly bent up at 22, as shown in Fig. 2, said bracket 20 being spaced towards the outer end of the towel bar supporting socket 16 and away from the wall plate 8 as shown in Figs. 2 and 5.

The non-slip towel holder 18, of Fig. 1, is made of any suitable material such as solid glass or metal rod, consisting of a single piece of material having a parallel central friction bar 21, with crank sections 23, at each end thereof, and journal sections 24, having their diameter at their free ends 25, flared outwardly.

The towel bar 19, of Fig. 1, is made of any suitable material such as solid glass or metal rod, consisting of a single piece of material having a parallel towel supporting section 26, having supporting arms 27, bent at right angles thereof at each end with free ends.

When a pair of the combined brackets are exactly alike and mounted to a support by their wall plates 8 with screws or nails through their apertures 11, 11, of Fig. 1, and the towel bar 19 has its free ends of the supporting arms 27 inserted within the bracket's tubular sockets 16, as shown in Fig. 1 at 28, 28, on each side of the towel supporting bar 26 and the non-slip towel holder cranked friction bar 21, of Fig. 1, has its journal sections 24 forced under the free ends 30 of the bracket 20 and within the bracket eye bearings 29, of Fig. 5, as shown in Figs. 2 and 1, it will be apparent that by means of the resiliency of the free end 30 of the bracket 20 it will spring back to its original position and frictionally, freely, rotatably and detachably engage the journaling sections 24, 24 of the cranked friction bar 21 within the bracket's 20, 20 circular like eye 29, as shown in Fig. 1, and it will be apparent that the friction bar 21 will have hinging, swinging-like movement on its bearings 29 and it will be further apparent that when the friction bar 21, of Fig. 1, is swung on its journaled sections 24 to a raised position upward and backward towards the wall plates 8, to rest against the wall, a towel 31 may be hung on the towel bar 26 and the non-slip towel holder friction bar 21 swung back down upon the towel 31, the said towel 31 will be securely held on the towel bar 26 by means of the weight of the said friction bar 21 without fear of slipping off to the floor, as shown in Fig. 1.

It will now be apparent that my objects have been obtained, and that a practical, efficient and substantial towel rack has been provided, that will be simple and cheap to manufacture.

Although I have shown by way of example in the drawings, the preferred form of my invention, I want it particularly understood that I do not limit myself to this exact shape of brackets and non-slip towel holder, but reserve unto myself the right to vary the shape and arrangements within certain limits of what is disclosed and what is claimed, without departing from the spirit of the invention.

What I claim is:—

1. In a towel rack of the character set forth, in combination with a cranked swinging friction bar, a wall bracket comprising a body member and a tongue member, the latter extending integrally from said body member and bent back thereupon for freely rotatably journaling one end of said friction bar.

2. In a towel rack of the character set forth, in combination with a cranked swinging friction bar, a wall bracket comprising a wall plate, a tubular socket member thereon, and a tongue member extending in integral connection from the upper front edge of said socket member, bent back over the fore part of the socket member for the reception and rotatable support of one end of said friction bar.

3. In a towel rack of the character set forth, in combination with a cranked swinging friction bar, a wall bracket formed from a single strip of sheet material to present two relatively angularly directed shanks, with a substantially annular body portion therebetween for supporting one end of a towel bar, and means for freely rotatably journaling the corresponding end of the friction bar, comprising a tongue-shaped member struck out of the upper bracket shank and arcuately bent back to form an eye bearing.

EDWIN REYNOLDS.