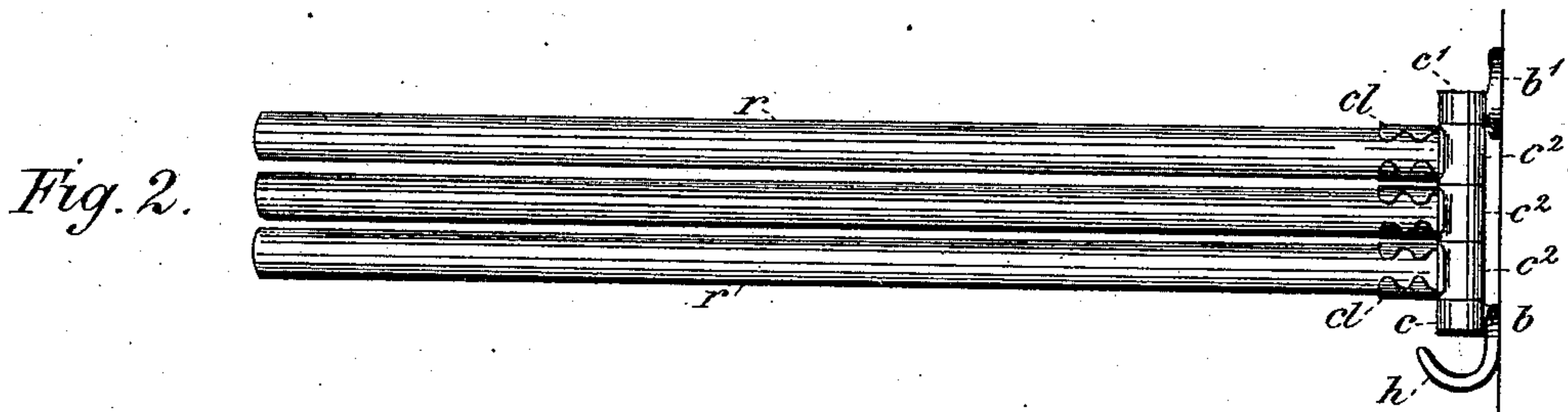
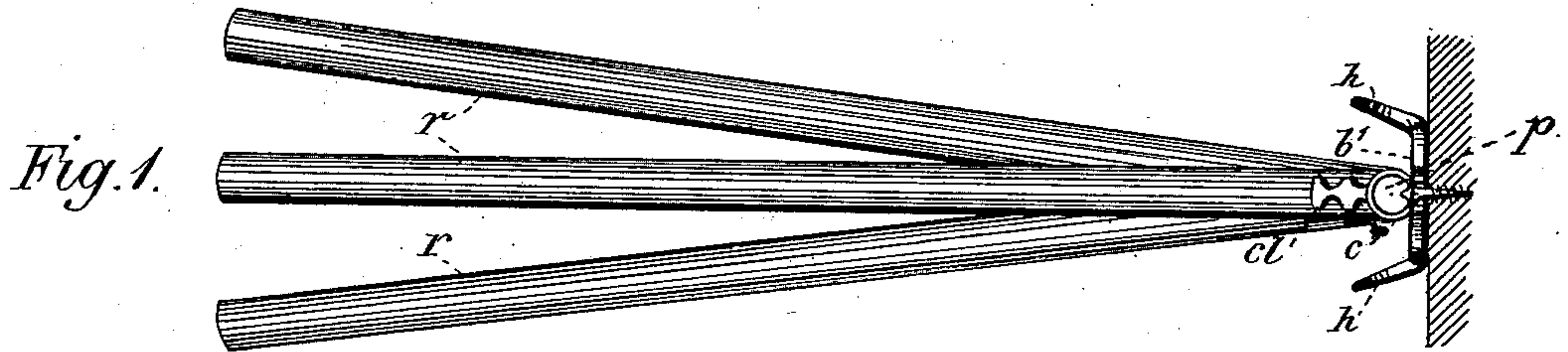


(No Model.)

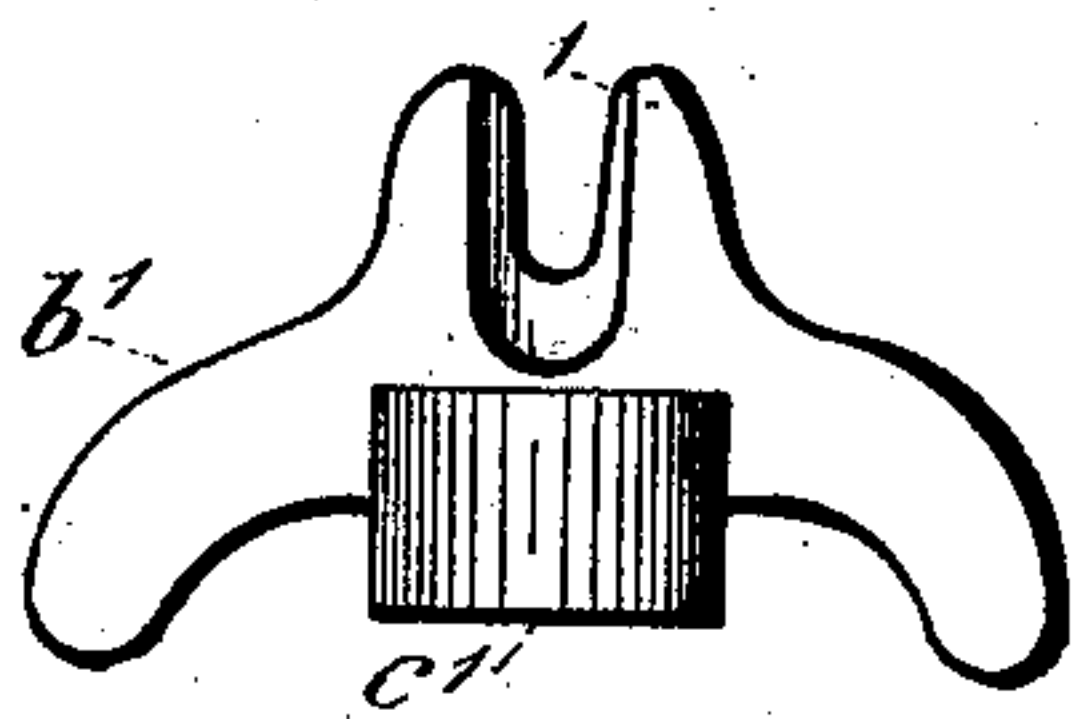
C. G. UDELL.  
TOWEL ARM.

No. 370,665.

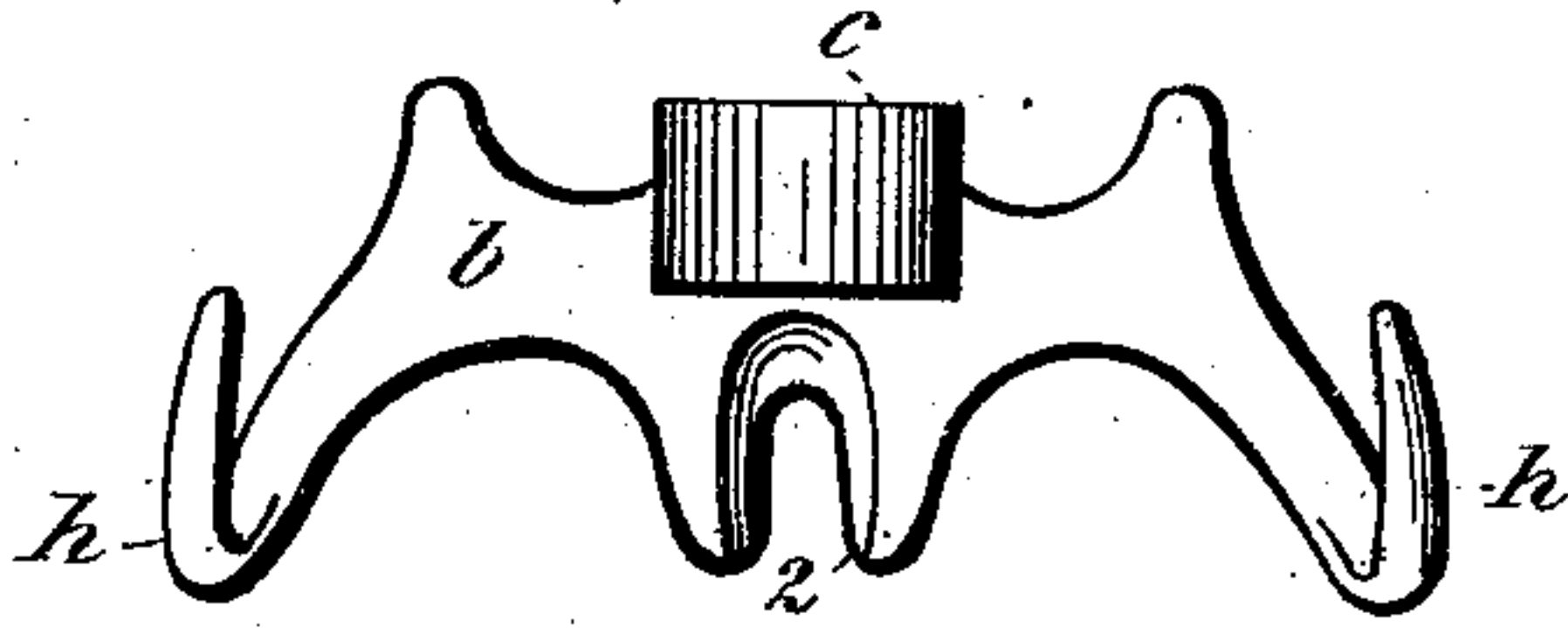
Patented Sept. 27, 1887.



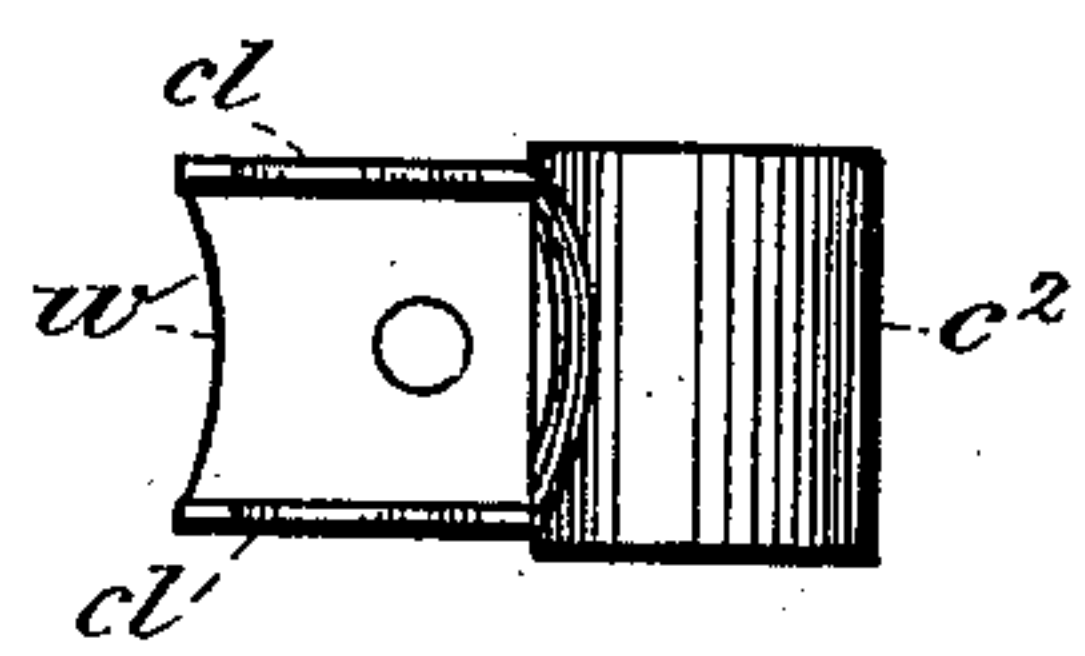
*Fig. 3.*



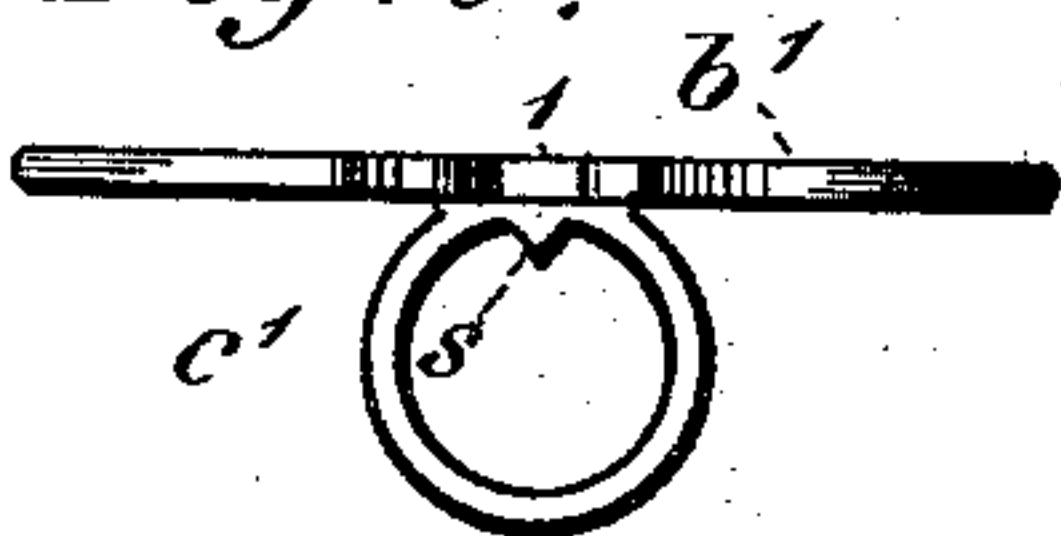
*Fig. 4.*



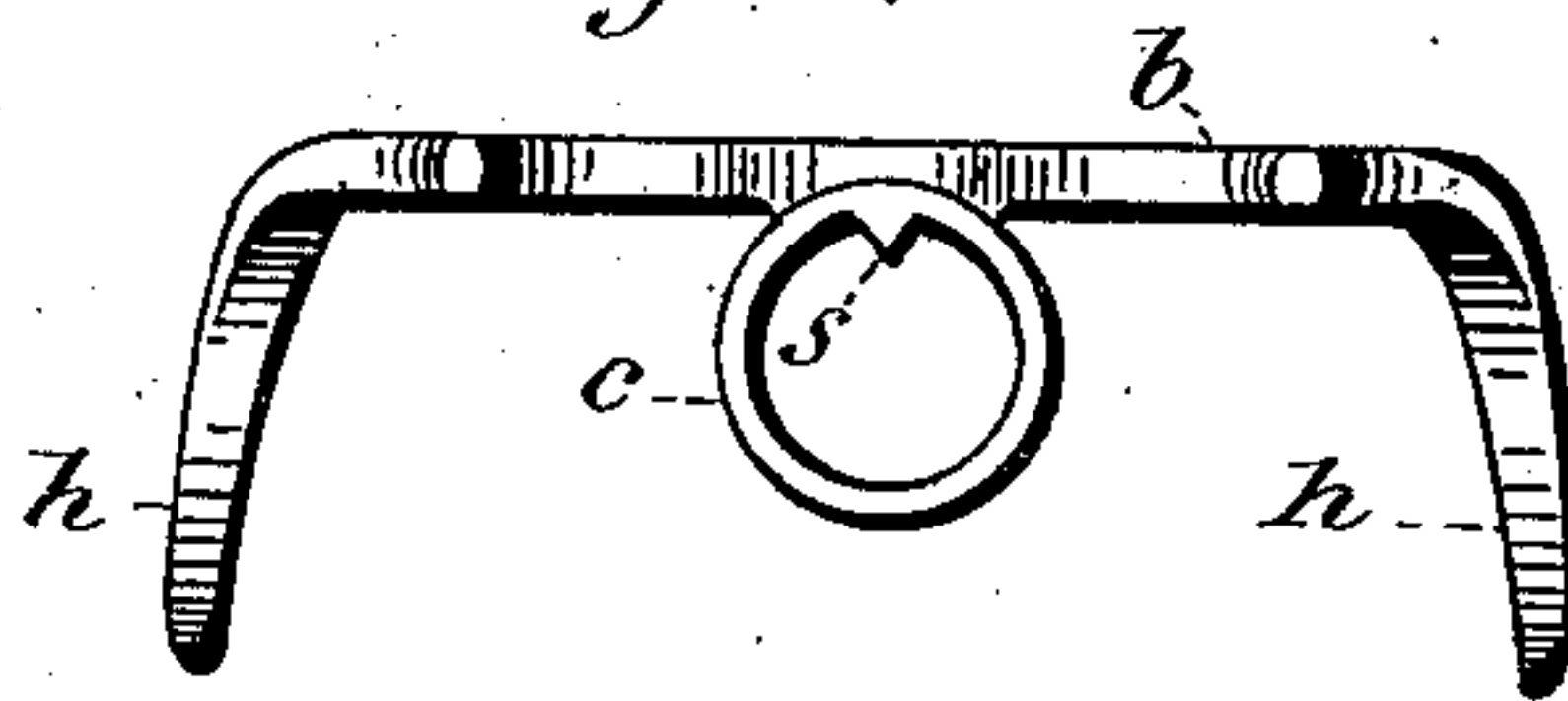
*Fig. 5.*



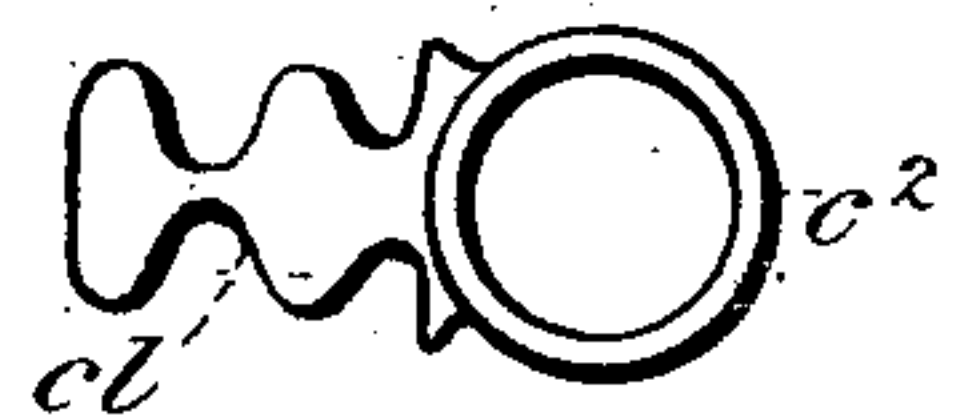
*Fig. 6.*



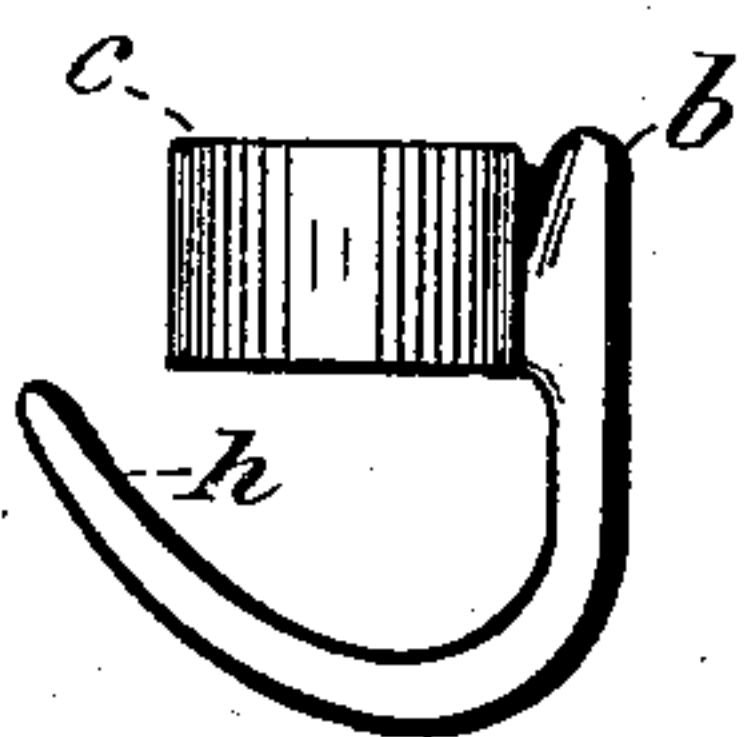
*Fig. 7.*



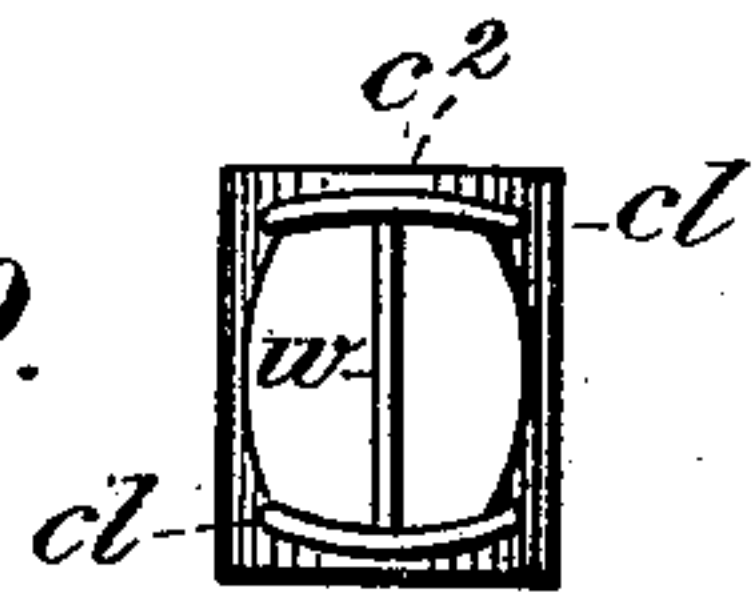
*Fig. 8.*



*Fig. 9.*



*Fig. 10.*



WITNESSES.

Gustav Bohn.  
Hattie Hurry.

INVENTOR.

Calvin G. Udell.  
By C. P. Jacobs  
att'y.



# UNITED STATES PATENT OFFICE.

CALVIN G. UDELL, OF NORTH INDIANAPOLIS, INDIANA.

## TOWEL-ARM.

SPECIFICATION forming part of Letters Patent No. 370,665, dated September 27, 1887.

Application filed October 13, 1886. Serial No. 216,142. (No model.)

*To all whom it may concern:*

Be it known that I, CALVIN G. UDELL, a resident of North Indianapolis, Marion county, Indiana, have made certain new and useful

Improvements in Towel-Arms, a description of which is set forth in the following specification, reference being made to the accompanying drawings, in the several figures of which like letters refer to like parts.

My invention relates to the construction of that class of towel-arms which are fastened against any convenient portion of the wood-work of the room by means of screws or nails, and readily detachable therefrom when desired, and will be understood from the following description.

In the drawings, Figure 1 is a perspective view of my device fastened to a portion of the wood-work by means of screws, the rods being shown more or less open. Fig. 2 is a similar view showing the rods in line with each other. Fig. 3 is a front view of the upper bracket. Fig. 4 is a similar view of the lower bracket. Fig. 5 is a side view of the collar and its web by which it is connected with the rods. Fig. 6 is a top view of Fig. 3. Fig. 7 is a top view of Fig. 4. Fig. 8 is a top view of Fig. 5. Fig. 9 is an end view of Fig. 4. Fig. 10 is an end view of Fig. 8. Figs. 1 and 2 are drawn upon a smaller scale than the other figures of the drawings.

In detail, *r* are wooden rods, one end of which is slit by a saw, forming an open slot to receive the web *w* of the collar *c*<sup>2</sup>. This web being inserted into the slotted end of the rod *r*, the clamps *c*<sup>1</sup>, the whole piece being made of malleable iron, are driven down round the rods, as shown in Fig. 1, clamping the collar and web firmly to the rod.

*b*<sup>1</sup> is the upper bracket, which is provided with an open slot, 1, for the screw to enter, and with a collar, *c*<sup>1</sup>, which has a spur, *s*, formed upon its inside its entire length.

*b* is the lower bracket, which has a similar collar, *c*, also provided with a spur, *s*, on the inside, and an open slot, 2, for the screw to pass through into the wood-work. Its sides are extended and curve downward, forming hooks *h*, on which may be hung a sponge, wash-rag, or anything that may be desired.

The collar *c*<sup>2</sup> being fastened to the rod *r*, as

hereinbefore described, the rods are placed in the position shown in Fig. 2—that is to say, the three are placed one above the other and between the upper bracket, *b*<sup>1</sup>, and the lower bracket, *b*.

A wooden pin, *p*, which is of a size to closely fit in the openings in the collars of the brackets and rods, all these being of the same size, is driven down through them all, uniting the parts together, the spurs *s* in the upper and lower brackets entering the side of this wooden pin and securing it so that it fits closely, uniting all the parts so firmly that they can be with difficulty separated by the hand. The completed device is then fastened to the furniture or casing by means of screws passing through the open slots 1 and 2 of the upper and lower brackets, which are separate and independent until united by the wooden pintle.

It will be observed that the collars of the rods have no spurs, and therefore the rods and collars will turn with little difficulty upon the central pintle or wooden pin, *p*, and when used a little will turn still more readily than at first, a tight fit being secured by the driving in of the wooden pin, while the pin itself is prevented from turning, being held firmly in place by the spurs in the collars of the upper and lower brackets. I thus provide a convenient towel-rack which is at all times ready for use when secured by a couple of screws to the casing, and will not come apart by handling or shaking.

I am aware that towel-arms composed of rods provided with collars which turn upon a pintle are not new, and do not broadly claim the same as my invention; but in all these cases, so far as I am aware, the pintle proper, upon which the collars turn, forms no part of the rack itself, but is made in a separate piece, the pintle in these cases being usually made of metal.

The collar *c*<sup>2</sup>, with its web and clamps, is not claimed herein, it being covered by Letters Patent No. 313,558, issued to me March 10, 1885.

What I claim as my invention, and desire to secure by Letters Patent, is the following:

1. A towel-rack comprising a series of rods, having collars attached to their inner ends, a wooden pintle, *p*, upon which such collars

are loosely mounted between separate and independent upper and lower brackets,  $b$   $b'$ , the lower bracket provided with one or more hooks  $h$ , such brackets also provided with collars, in which the ends of the pintle are tightly driven, so as to unite the several parts of the rack, all combined and arranged to operate substantially as described.

2. The towel-rack composed of rods  $r$ , collars  $c^2$ , united to the inner end of the rods by web  $w$  and clamps  $c'$ , the brackets  $b$  and  $b'$ ,

having spurs  $s$ , the collars  $c^2$ , set between such upper and lower brackets, and the parts united by the wooden pintle  $p$ , driven through the collars of the brackets and collars of the rods, all combined substantially as described. 15

In witness whereof I have hereunto set my hand this 2d day of October, 1886.

CALVIN G. UDELL.

Witnesses:

C. P. JACOBS,  
HATTIE MURRY.