

(No Model.)

2 Sheets—Sheet 1.

M. GINDORFF.
FOLDING TUB STAND.

No. 424,878.

Patented Apr. 1, 1890.

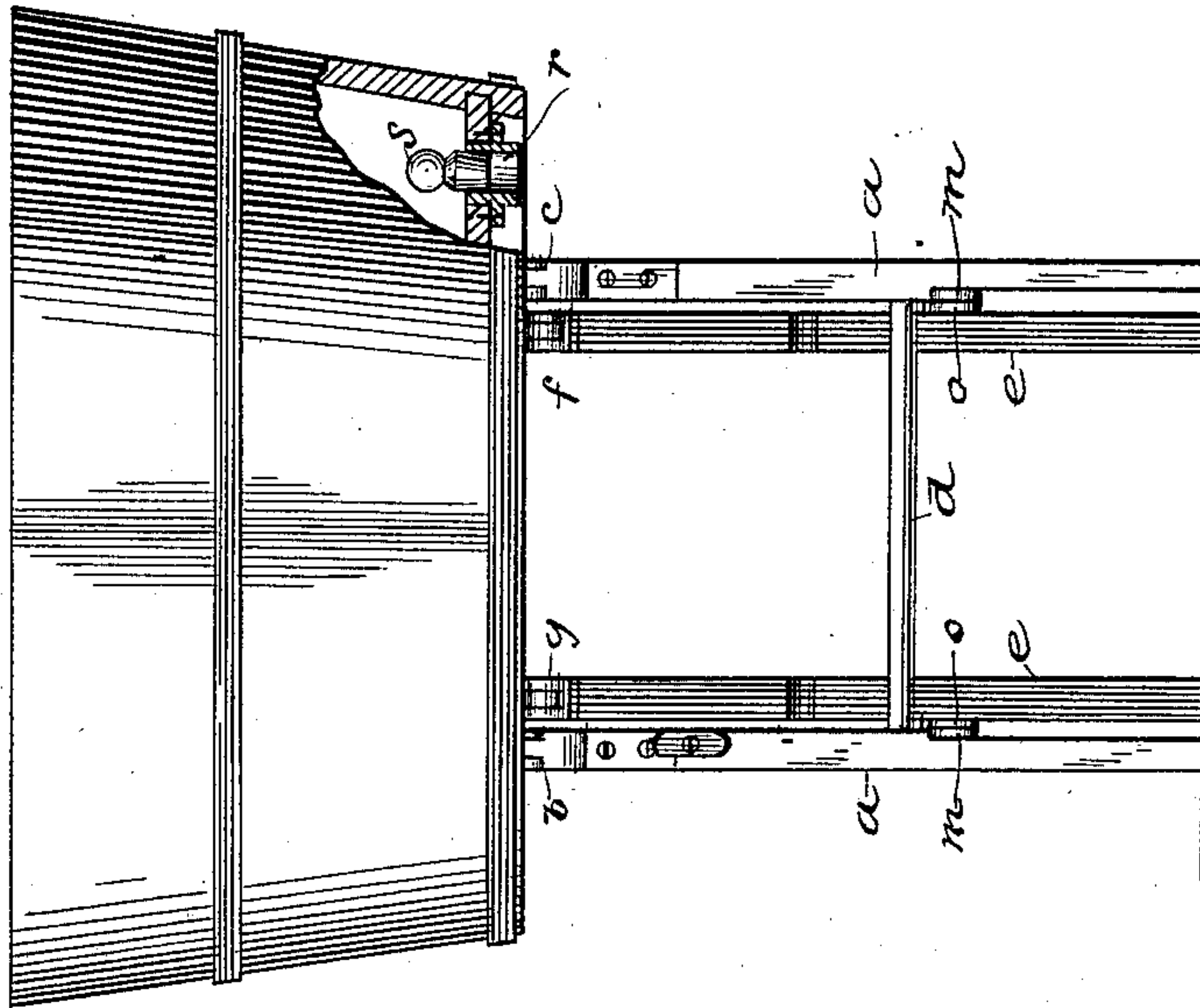


Fig. 2.

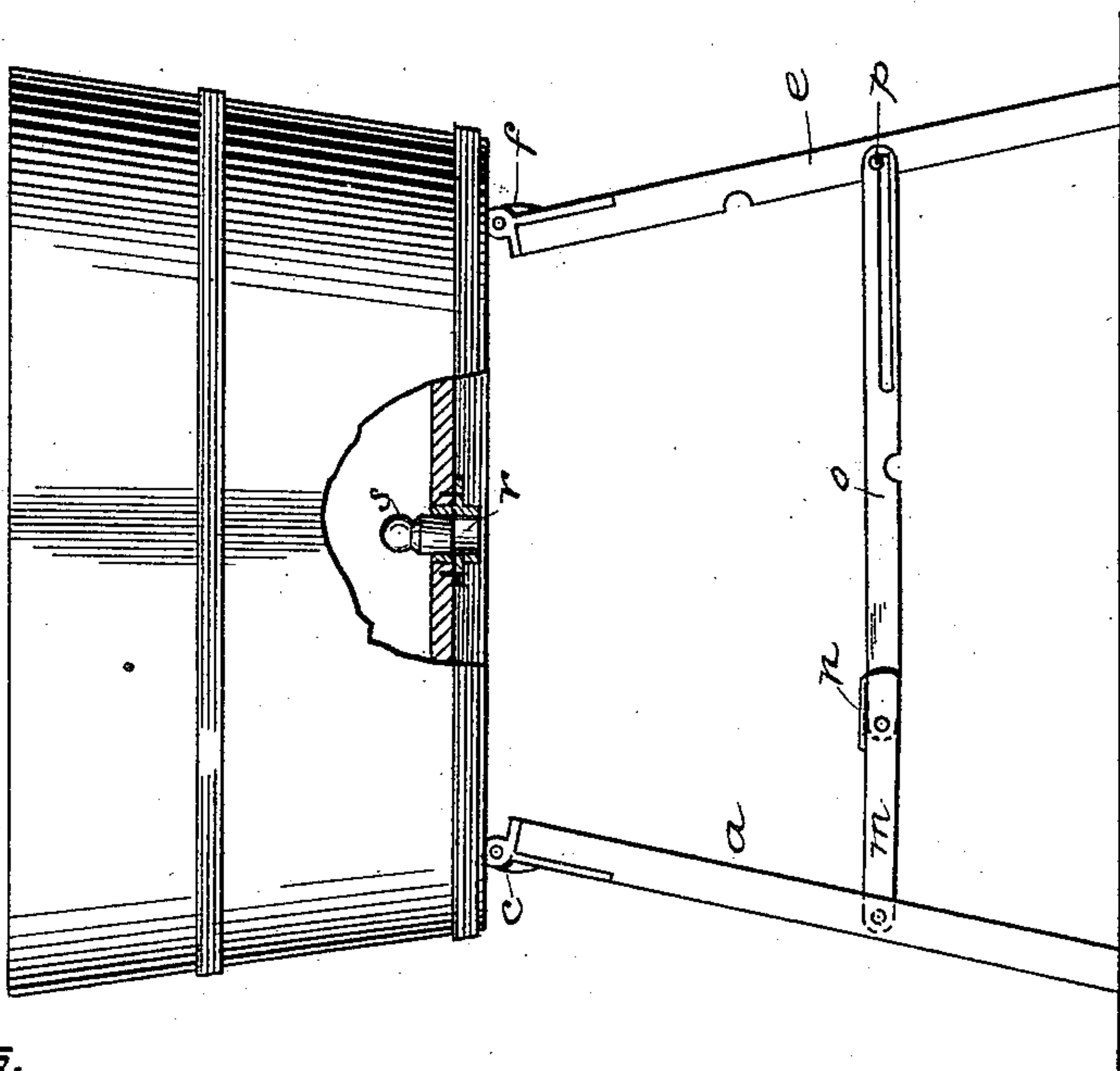


Fig. 1.

Witnesses.

Chas. G. Hawley.

Geo. R. Parker.

Inventor.

Matthew Gindorff.

By George H. Barton.
Attorney.

(No Model.)

2 Sheets—Sheet 2.

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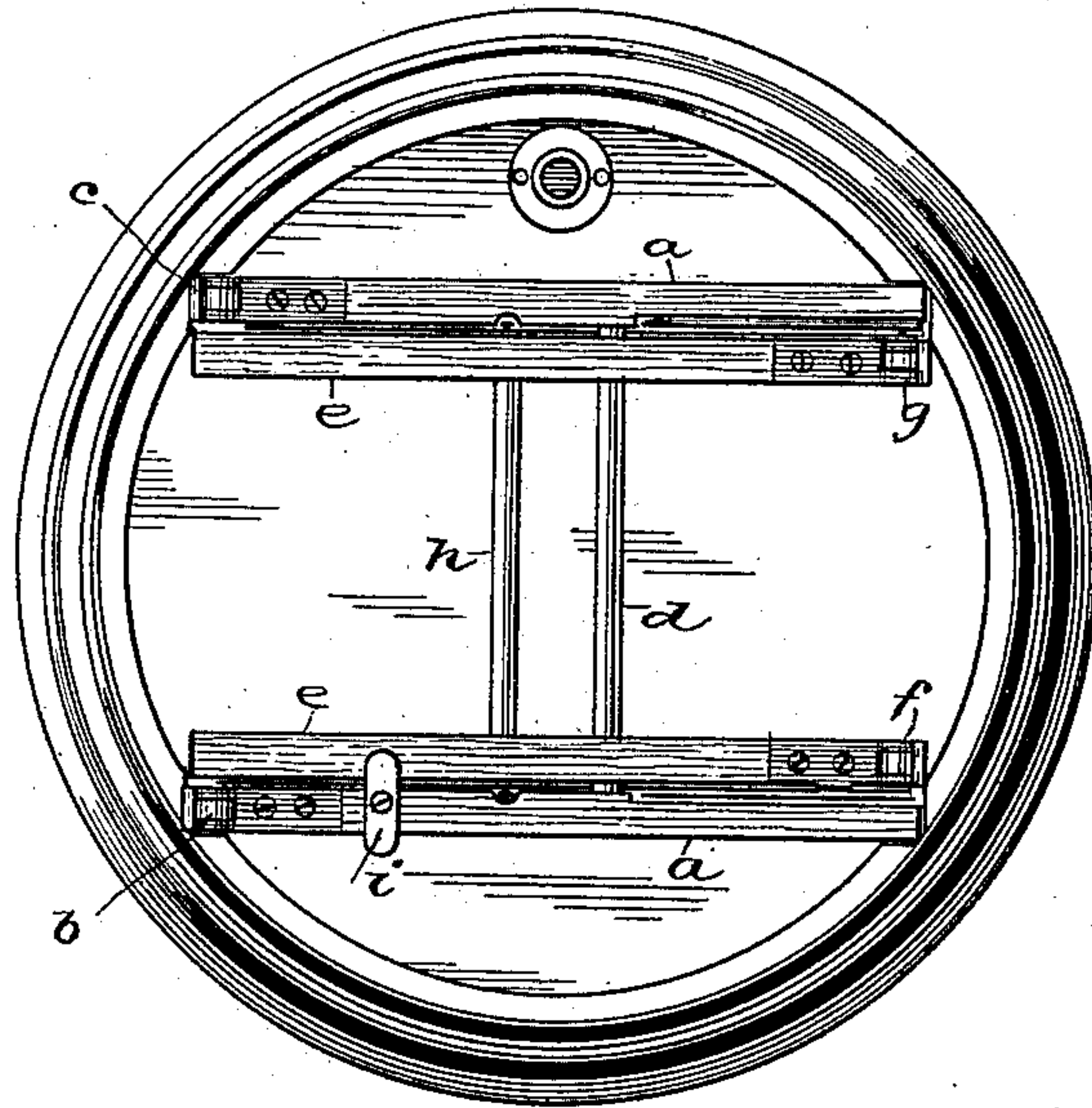


Fig. 3.

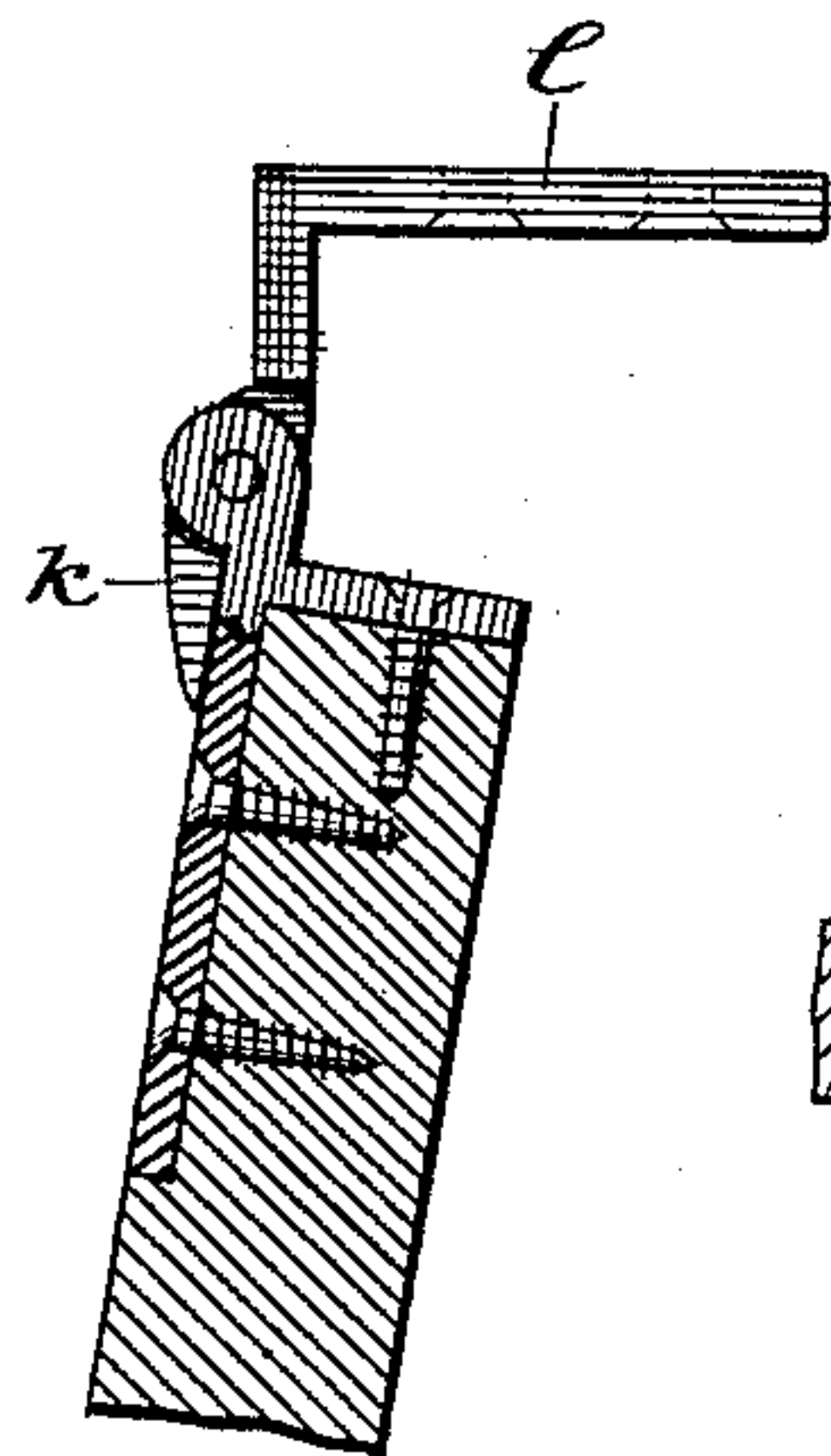


Fig. 4.

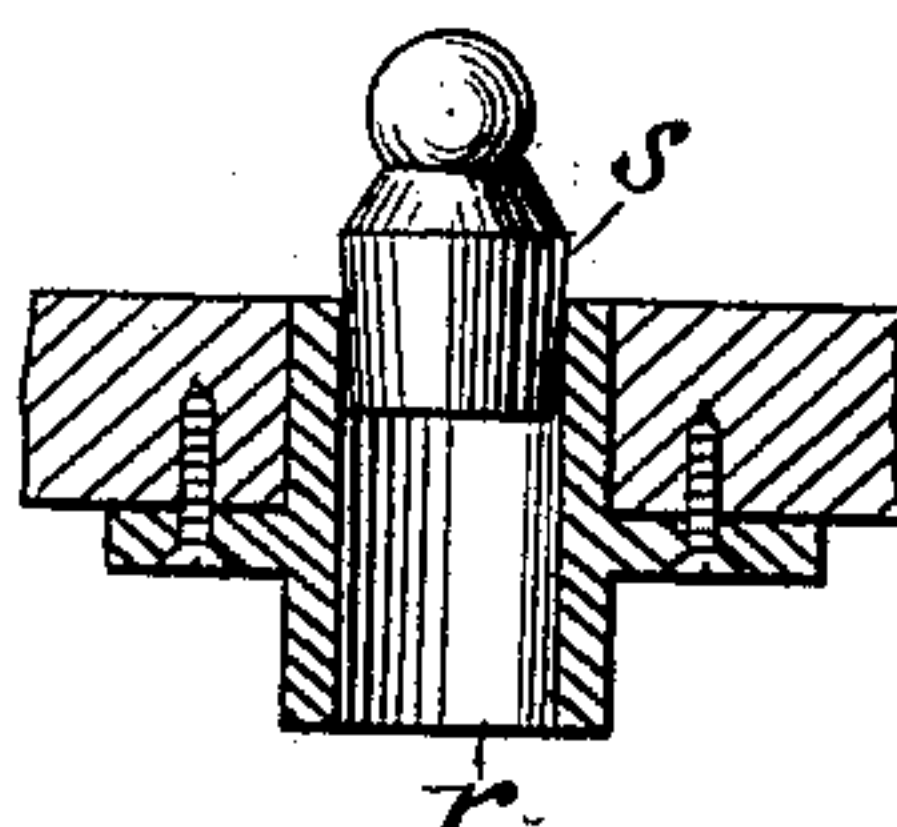


Fig. 6.



Fig. 5.

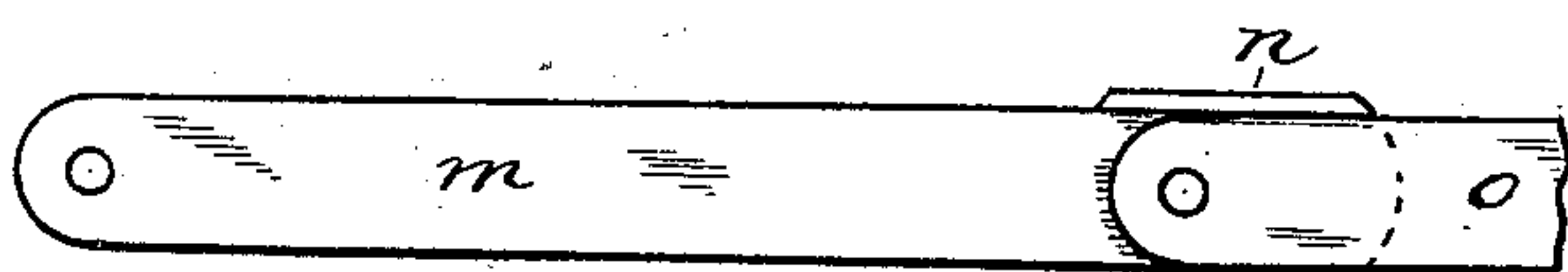
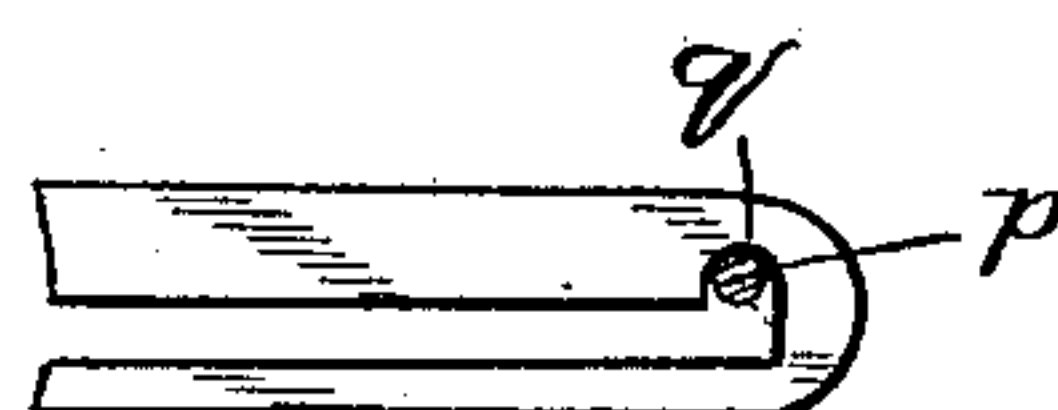


Fig. 7.



Witnesses

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UNITED STATES PATENT OFFICE.

MATTHEW GINDORFF, OF CHICAGO, ILLINOIS.

FOLDING TUB-STAND.

SPECIFICATION forming part of Letters Patent No. 424,878, dated April 1, 1890.

Application filed March 7, 1889. Serial No. 302,234. (No model.)

To all whom it may concern:

Be it known that I, MATTHEW GINDORFF, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Folding Tub-Stands, (Case 2,) of which the following is a full, clear, concise, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

My invention relates to folding supports more especially designed for wash-tubs, and its object is to provide a cheap and reliable means of supporting the tub when in use, yet so arranged as to be folded, when desired, upon the bottom of the tub.

My invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation of a tub provided with my folding support. Fig. 2 is an end view thereof. Fig. 3 is a view from below, showing the legs or support folded. Figs. 4 and 5 are side and front views of the hinge for fastening the legs to the tub. Fig. 6 is a sectional view of the opening provided in the bottom of the tub with a plug inserted therein. Fig. 7 is a detailed view of one of the knee-joint braces.

Like parts are indicated by similar letters of reference throughout the different figures.

The pair of legs *a* are secured to the tub on the under side thereof by hinges *b c*. These legs are connected together by a round *d*. The opposite pair of legs *e* are hinged at *f g* in a similar manner, and are connected by the round *h*. It will be seen that the pair *e*, being narrower than the pair *a*, are adapted to be folded, as shown in Fig. 3, so as to fall between the members of pair *a*.

A button *i* is provided, as shown, so as to hold the support in its folded position until it is desired to unfold the same.

As shown in Figs. 4 and 5, each of the hinges *b c f g* is provided with a stop *k*, of considerable length, so arranged as to aid in limiting the outward movement or straddle of the pairs of legs *a e*. This stop *k* is cast upon the portion *l* of the hinge, which is attached to the bottom of the tub.

Pivoted to the legs *a*, I provide a pair of links *m*, each being provided with a rib or stop *n* upon the upper inner end thereof. To these links *m* are pivoted the slotted links *o*. Thus the two links *m* and *o* on the oppo-

site sides of the legs form, when extended, a brace after the manner of a knee-joint. The links *o* are slotted, as shown, and each provided with a notch *p*.

When the stand is unfolded and in position, as shown in Figs. 1 and 2, the pins *q*, provided upon the outer sides of the legs *e*, rest in said notches *p*, and thus the two pairs of legs are braced apart and held in position by the knee-joint devices in connection with the stops *k* of the hinges.

In order to fold up the rack, I preferably invert the tub, whereupon the links *o* are forced down or fall, so as to bring the pins or screws *q* into the slot. The legs *a* are then folded down upon the bottom of the tub, after which the other pair *e* are folded down and secured, as shown in Fig. 3.

I preferably provide in the bottom of the tub an opening *r*, extending somewhat below the bottom of the tub and provided with a plug *s*, so that the tub may be emptied by simply removing the plug.

It is evident that my invention admits of various modifications that would readily suggest themselves to those skilled in the art, and I therefore do not limit myself to the details of construction shown.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

A folding support consisting of two pairs of legs secured to the bottom of a tub by hinges, said hinges being provided each with a stop for limiting the outward swing of the legs, and knee-joint devices connected between the said pairs of legs on opposite sides thereof, the links *m* of said knee-joint devices being pivoted to one pair of legs and provided each with a stop *n*, and the corresponding links *o* being slotted and provided each with a notch *p*, and the screws or pins *q*, secured to the other pair of legs and adapted to fall within said notches or move in the slots, whereby the pairs of legs may be held in position to support the tub or folded upon the bottom of the same, substantially as and for the purpose specified.

In witness whereof I hereunto subscribe my name this 1st day of March, A. D. 1889.

MATTHEW GINDORFF.

Witnesses:

CHAS. G. HAWLEY,
GEORGE P. BARTON.