

(No Model.)

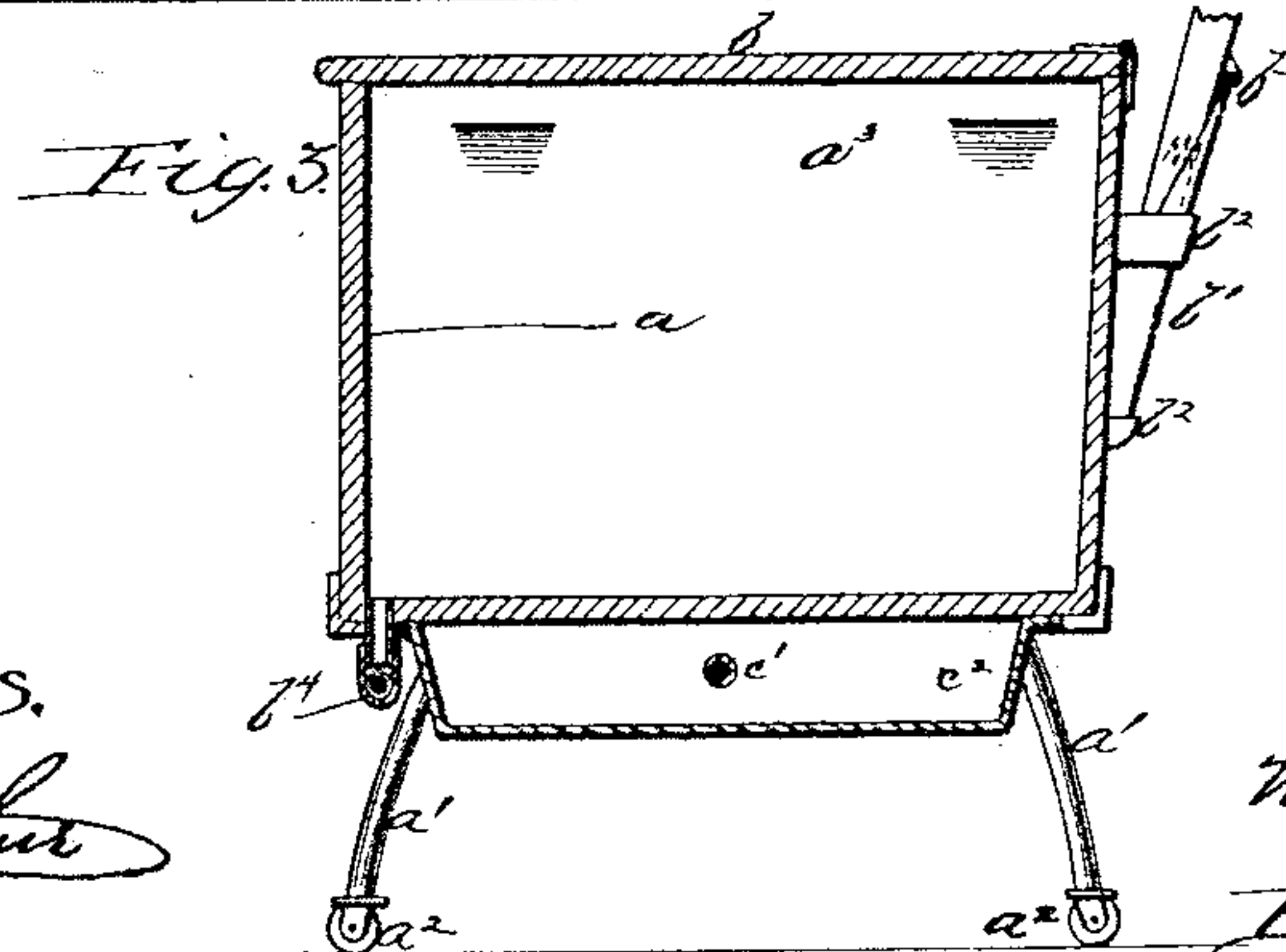
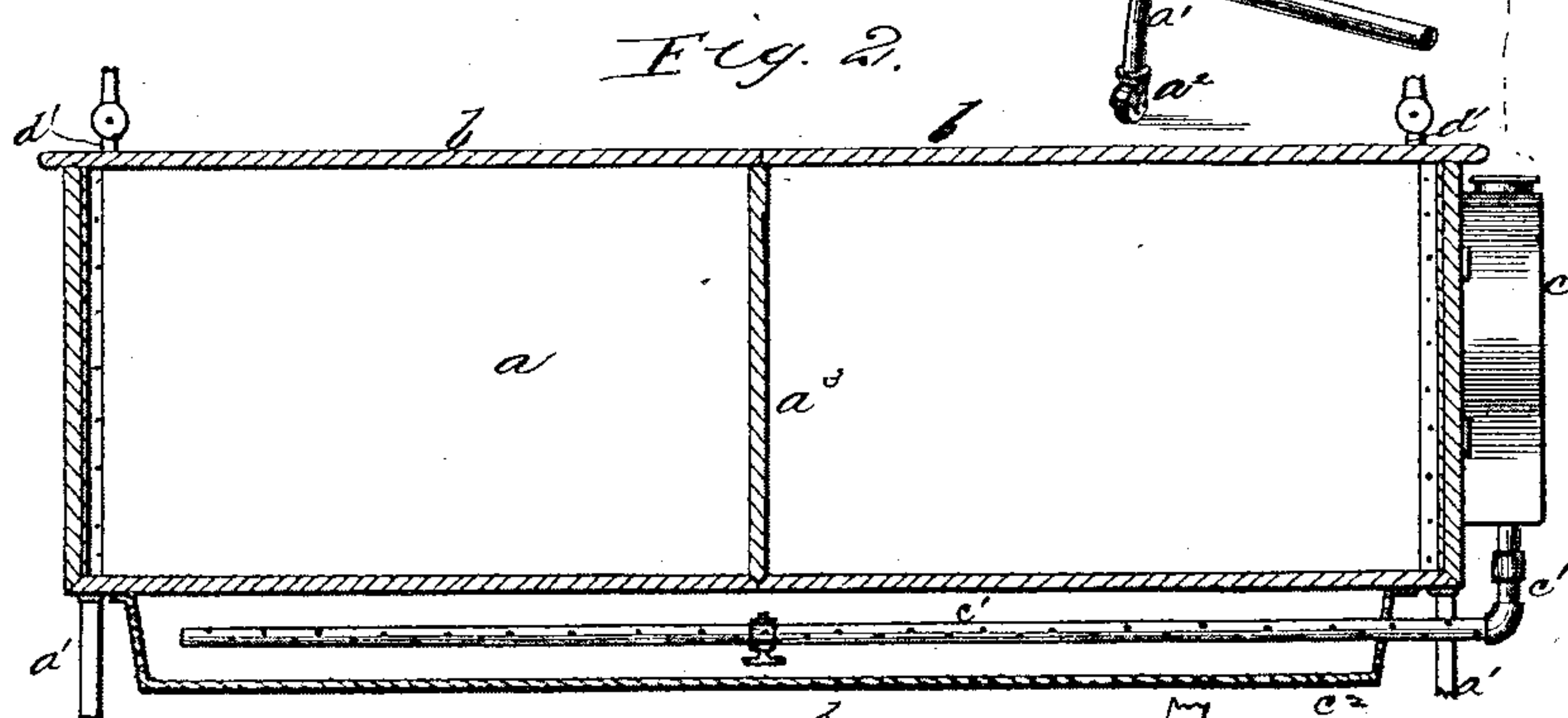
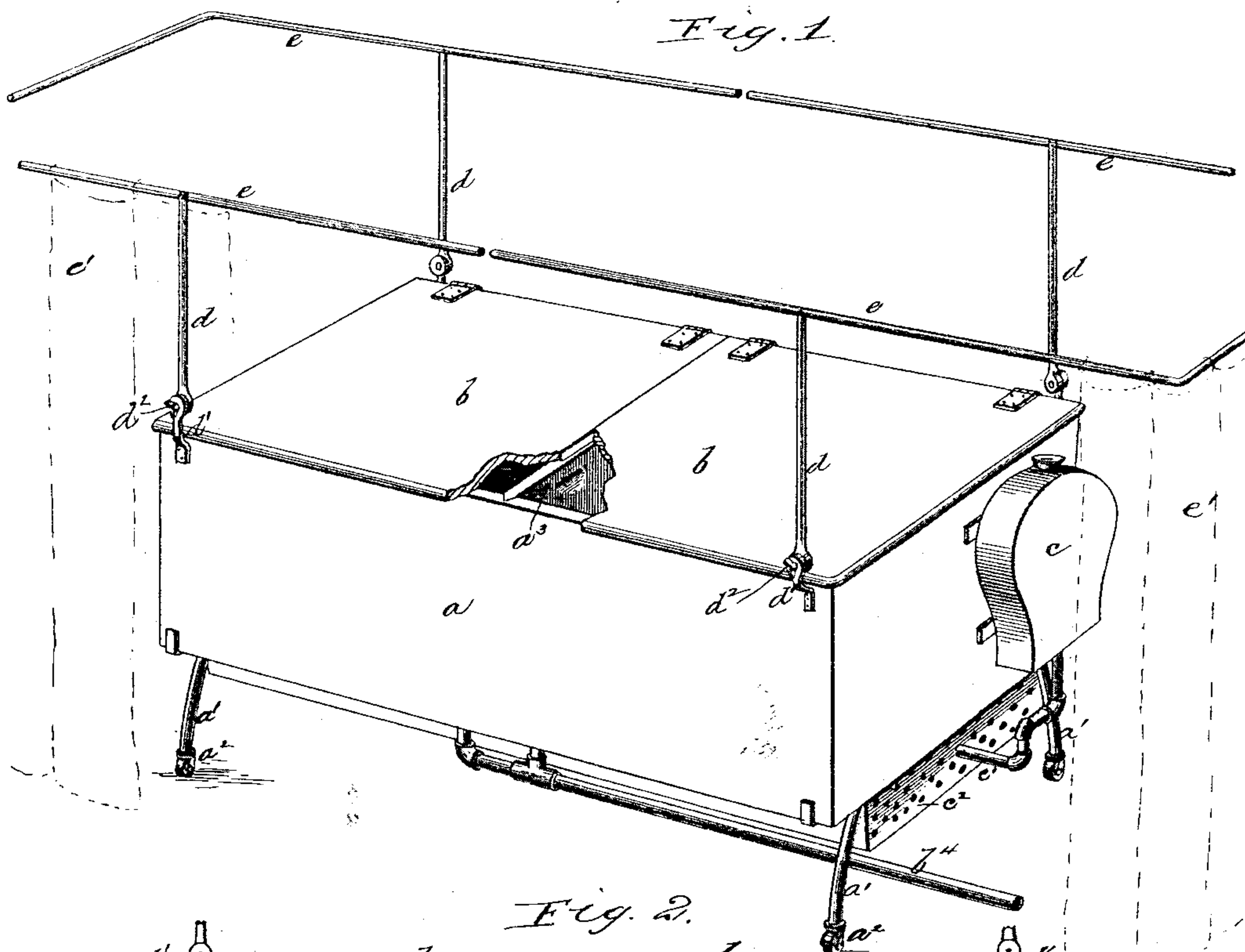
2 Sheets—Sheet 1.

W. WATKINS.

COMBINED BATH AND WASH TUB.

No. 360,634.

Patented Apr. 5, 1887.



Witnesses.
H. C. Arthur
H. S. In Arthur

Inventor:
William Watkins
By *H. Harrison*
Atty's

(No Model.)

2 Sheets—Sheet 2.

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Fig. 4.

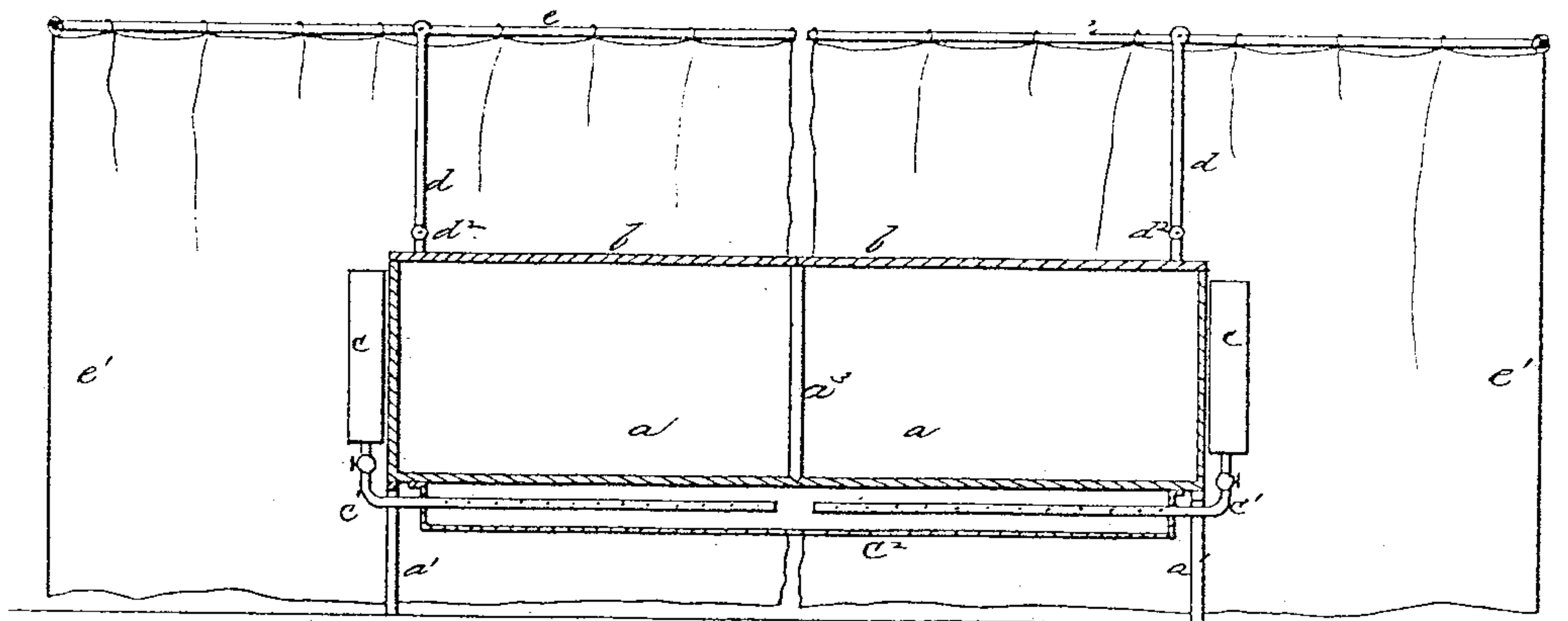


Fig. 5.

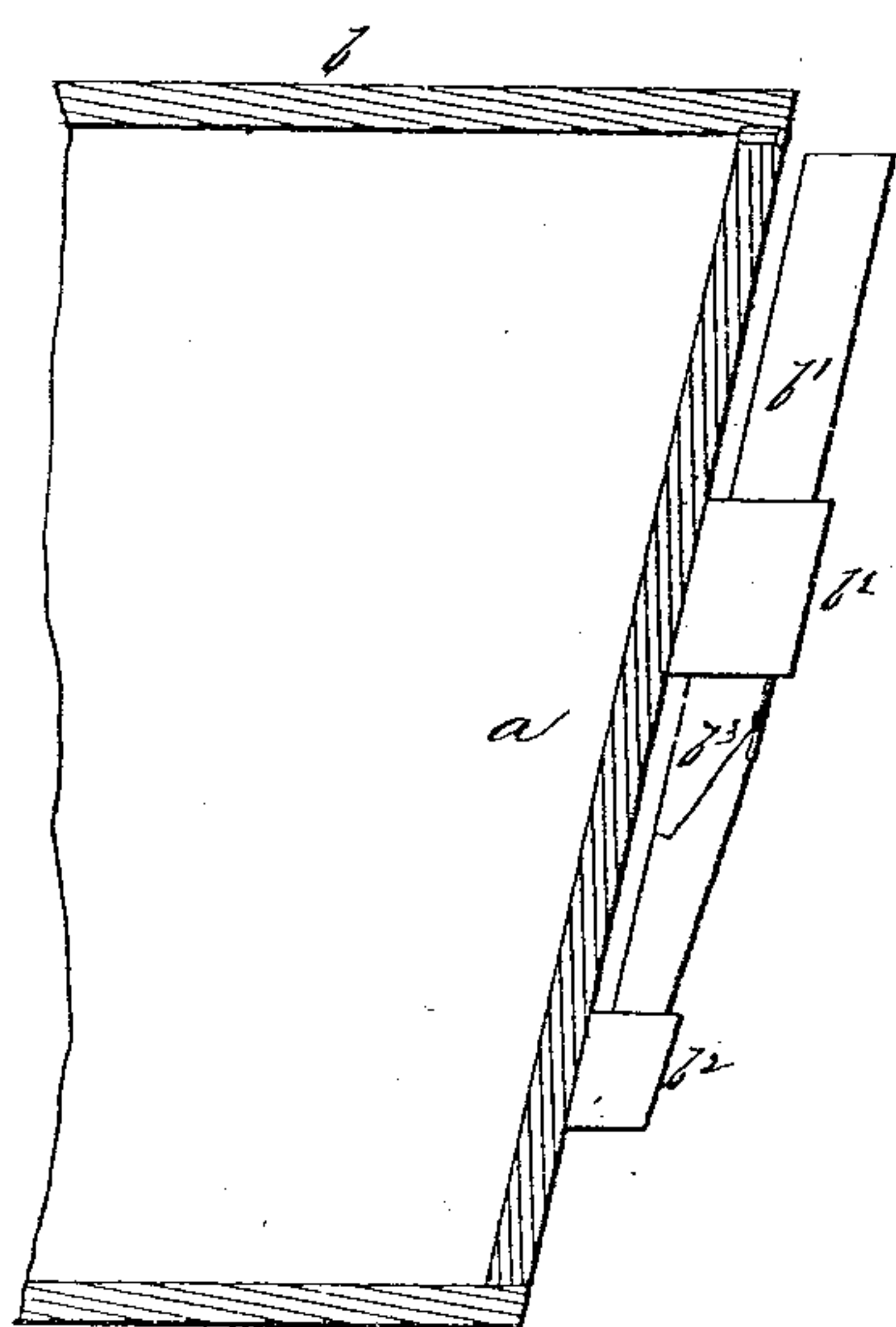
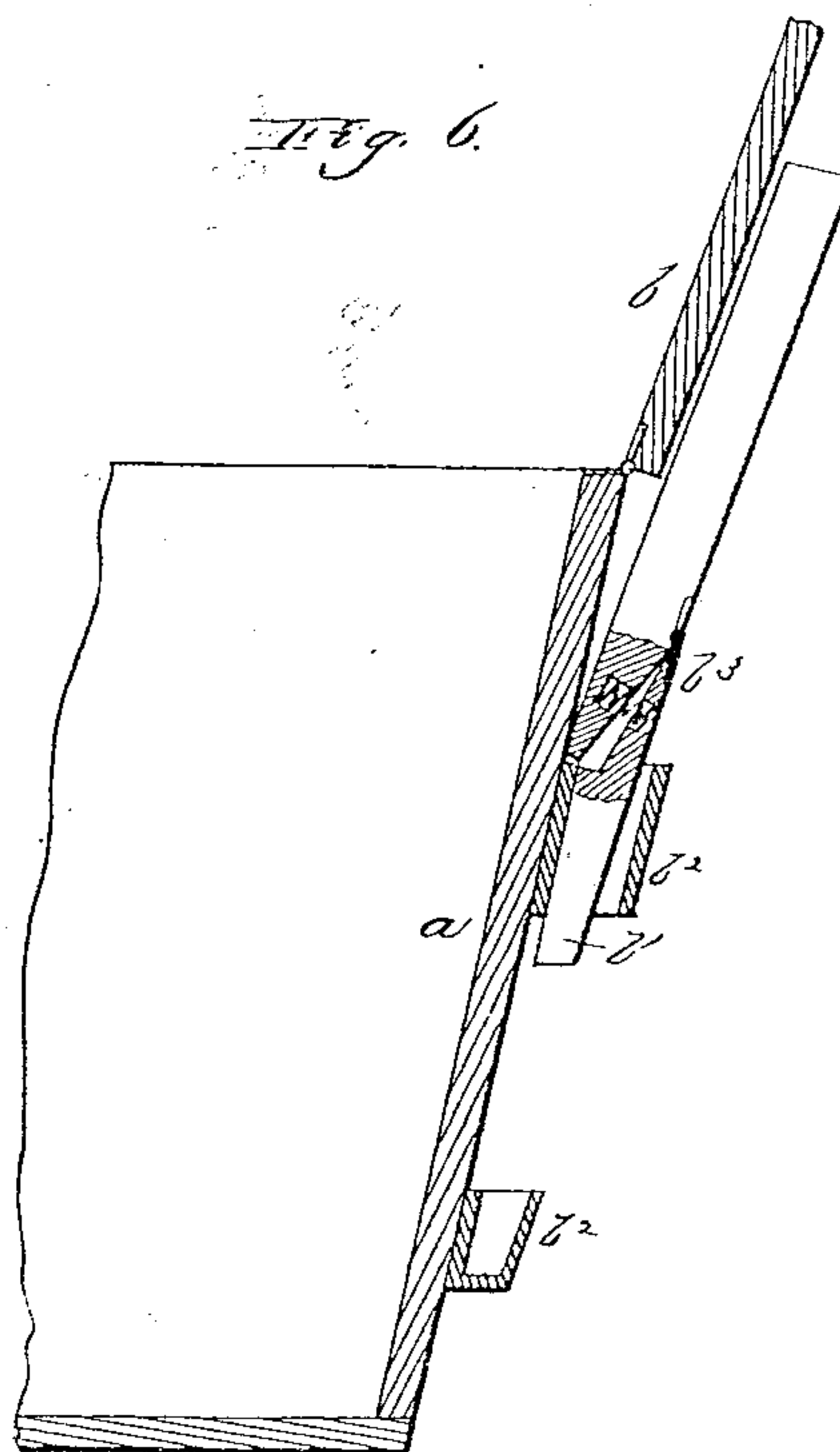


Fig. 6.



Witnesses:
A. C. M. Arthur
W. S. M. Arthur

Inventor:
William Watkins
—pen
H. Harrison
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UNITED STATES PATENT OFFICE.

WILLIAM WATKINS, OF CHICAGO, ILLINOIS, ASSIGNOR TO CHARLES T. WILLIAMS, OF SAME PLACE.

COMBINED BATH AND WASH TUB.

SPECIFICATION forming part of Letters Patent No. 360,634, dated April 5, 1887.

Application filed May 6, 1886. Serial No. 201,282. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM WATKINS, 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 Combined Bath and Wash Tubs, of which the following is a specification, to wit:

This invention relates to an improvement in portable bath and wash tubs; and it consists in certain peculiarities of the construction and arrangement of the same, substantially as will be hereinafter more fully described and claimed.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe its construction and operation, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my device. Fig. 2 is a longitudinal vertical section of the same, and Fig. 3 is a transverse section. Fig. 4 is a longitudinal section of the tub, showing two heating devices. Fig. 5 is an enlarged detail view of the lid-support when closed, and Fig. 6 the same in use.

a represents the main body of my tub or receptacle, which is made of any suitable material and of any desired size and shape; and, to facilitate its use, it is mounted on legs *a'*, having casters *a''*, on which it is readily moved from place to place, wherever it is most convenient for use. The tub is divided into two parts by a movable partition, *a'''*, which fits tightly into guides or a groove in the inner side of the main body, as clearly shown in Figs. 1 and 2.

Each part of the tub is provided with a hinged cover, *b*, and on the rear side of the tub, behind each section of the cover, is a slide, *b'*, held in sockets *b''*. This slide is made in two parts, hinged together, as at *b'''*, and a small spring placed between the parts, as seen in dotted lines in Fig. 3. When the tub is placed against the wall of a room, the covers will rest against the wall when open; but when in the middle of a room the slide is drawn out of the socket till the spring forces its parts slightly open, and it then rests on the edge of the socket and forms a firm support for the cover, as will be at once understood. A waste-pipe, *b'*, is secured beneath the tub and provided with a

connection to the same on each side of the partition, so that the water may be drawn off from one or both sides, as desired. No stop-cocks are represented in this pipe, as the ordinary plugs used in bath-tubs are intended to be used with this device; but it is evident the waste-pipe can be provided with valves of any suitable kind, if this is thought desirable.

Upon one end of the tub is suspended an oil-reservoir, *c*, from which a pipe, *c'*, is extended beneath the tub to heat the water, the pipe being provided with suitable burners for this purpose. I have herein represented this pipe as extending the whole length of the tub, and a valve at the point of division between the compartments, so that only one end may be heated when desired, and both hot and cold water be had, as is often needed in washing; but, instead of extending this pipe in this way, two reservoirs will sometimes be used—one on each end of the tub—and the pipes from which will extend only half-way beneath the main body, thus obtaining the same effect in a slightly different mode. To prevent accident by contact with the flame, and also to prevent the wind from disturbing it, the burner-pipe is inclosed in a casing, *c''*, which is perforated for the passage of sufficient air to supply combustion.

This device is intended for use either as a wash or a bath tub, in the former case two compartments being had, in either or both of which the water may be heated and kept hot as long as desired. When used as a bath-tub, the partition is removed, turning the whole into one large tub, and the water is heated and the bath taken, the water being afterward run off into buckets or other receptacle for emptying.

The device, being on casters, is moved easily to any convenient point, and may be used anywhere. As this tub is intended for use in flats and other places where room is valuable, and a separate room cannot always be had for bathing, I provide it with a suitable curtain-support, which may be removed or folded at will. In the drawings I have shown this as composed of standards *d* at each corner of the tub, which are pivoted on small brackets *d'*, and the adjacent faces of the standards and brackets are serrated and provided with a thumb-screw, *d''*,

by means of which, when the standards are raised, they may be clamped in position, as in Fig. 1. On the upper ends of each pair of standards is pivoted a bent frame or rod, *e*, on which the curtain is hung, as at *e'* in dotted lines, and these frames are of sufficient length to project beyond the ends of the tub and inclose a space large enough to dress and undress. When not in use, this canopy-frame is either removed or folded down upon the edges of the tub, and it will thus be seen that a bath may be taken in an occupied room without any exposure.

The tub will be made of any suitable size and style, and be ornamented in suitable manner to enable it to be placed in any room without appearing out of place.

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

1. The combination, with the tub, of a curtain-frame supported above and projecting be-

yond the same to form a dressing-space, substantially as and for the purpose set forth.

2. In a bath and wash tub, the combination, with the tub having a removable partition therein, a waste-pipe connecting with both ends of the tub, and a lamp or equivalent heater, of a folding curtain-frame supported upon and projecting beyond the ends of the tub, substantially as and for the purpose set forth.

3. The combination, with a tub having a hinged cover, of a supporting-standard secured in sockets and formed in two parts hinged together, and having a spring interposed between the parts, substantially as and for the purpose set forth.

In testimony whereof I affix my signature in presence of two witnesses.

WILLIAM WATKINS.

Witnesses:

W. C. McARTHUR,

W. S. McARTHUR.

Correction in Letters Patent No. 360,634.

It is hereby certified that Letters Patent No. 360,634, granted April 5, 1887, upon the application of William Watkins, of Chicago, Illinois, for an improvement in a "Combined Bath and Wash Tub," was erroneously issued to Charles T. Williams, as assignee of the entire interest; that the said Letters Patent should have been issued to said *William Watkins and Charles T. Williams* jointly, said Williams being assignee of one-half interest only in said invention; and that the said Letters Patent should be read with this correction therein that the same may conform to the record of the case in the Patent Office.

Signed, countersigned, and sealed this 26th day of April, A. D. 1887.

[SEAL.]

D. L. HAWKINS,

Acting Secretary of the Interior.

Countersigned:

BENTON J. HALL,

Commissioner of Patents.