

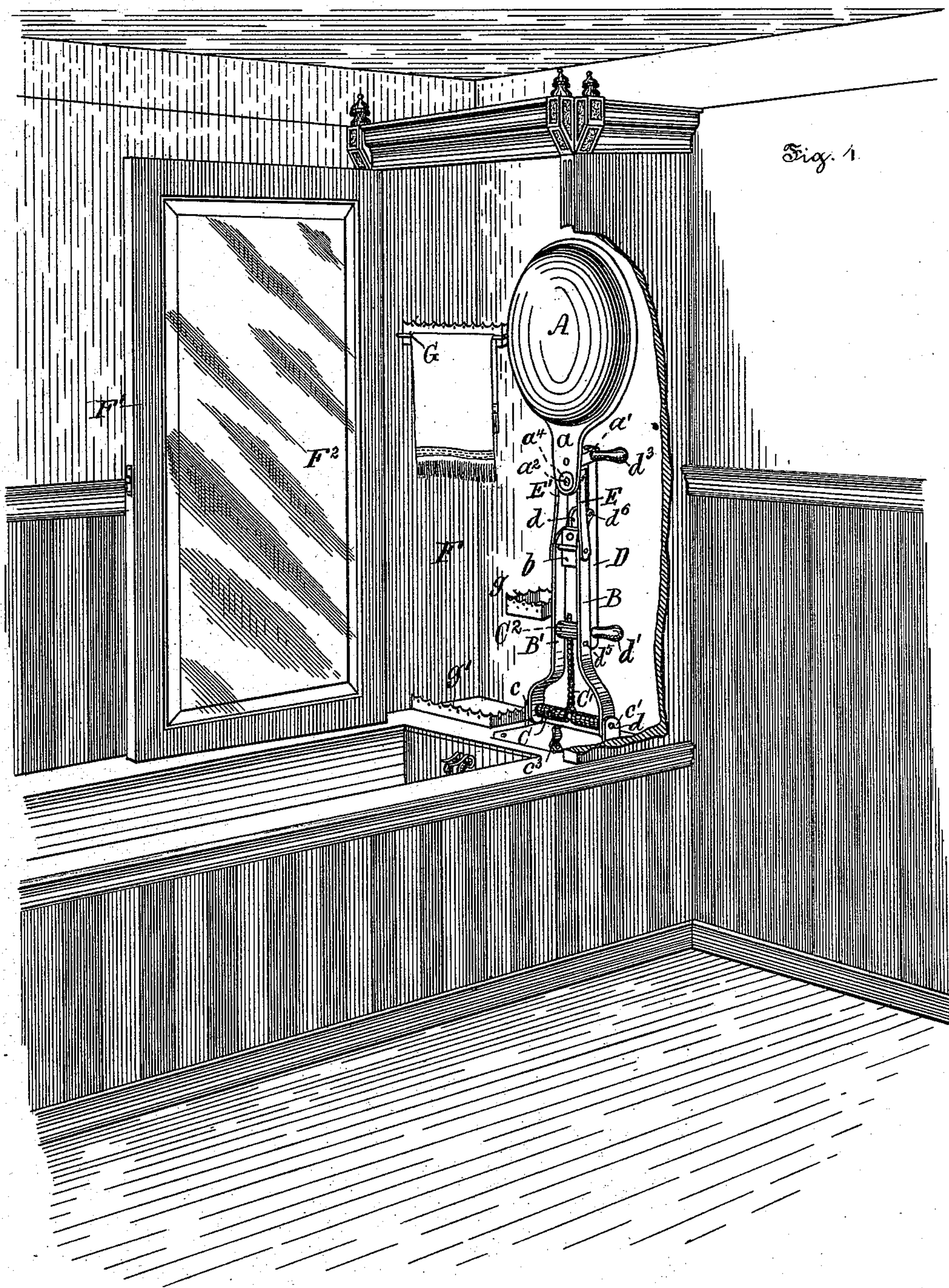
(No Model.)

2 Sheets—Sheet 1.

G. L. SEYMOUR.
WASH BASIN.

No. 413,765.

Patented Oct. 29, 1889.



Witnesses:
Hermann Bornmann,
Thomas M. Smith,

Inventor.
George L. Seymour,
by J. Walter Douglass.
att'y.

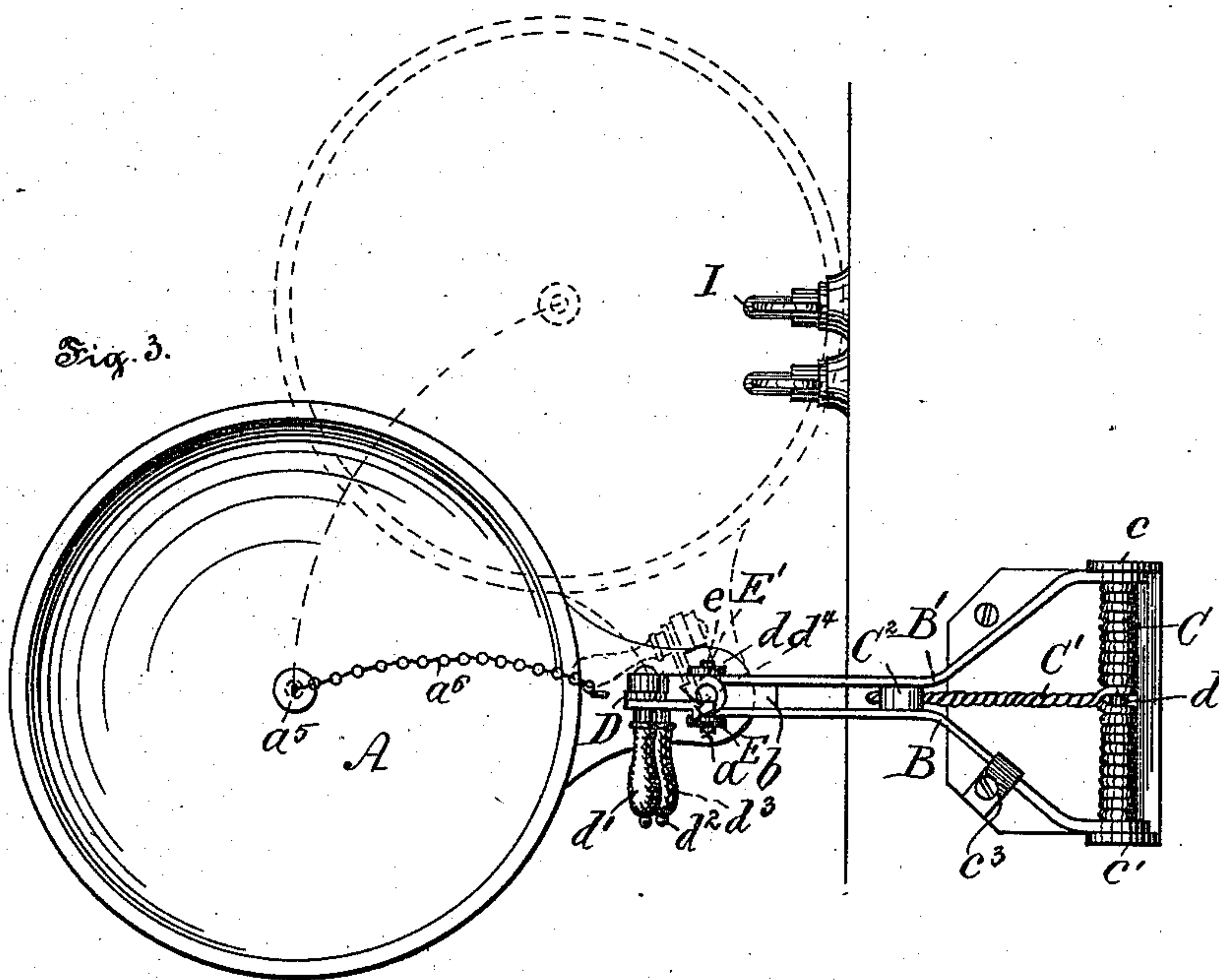
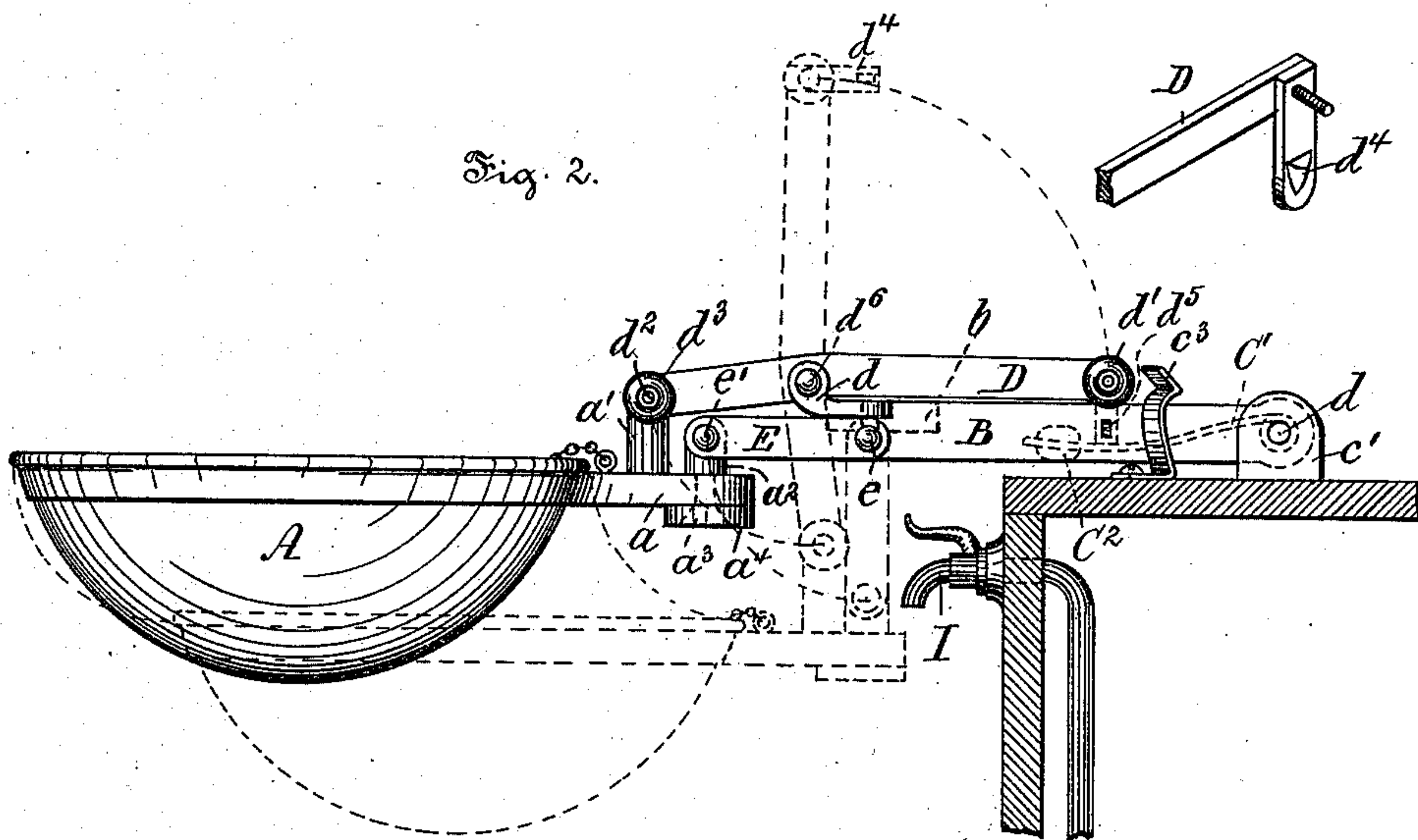
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2 Sheets—Sheet 2.

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WASH BASIN.

No. 413,765.

Patented Oct. 29, 1889.



Witnesses:
Hermann Bornmann.
Thomas M. Smith.

Inventor
George L. Seymour,
by J. Wallis Douglass.
Att'y.

UNITED STATES PATENT OFFICE.

GEORGE LEWIS SEYMOUR, OF PHILADELPHIA, PENNSYLVANIA.

WASH-BASIN.

SPECIFICATION forming part of Letters Patent No. 413,765, dated October 29, 1889.

Application filed April 1, 1889. Serial No. 305,576. (No model.)

To all whom it may concern:

Be it known that I, GEORGE LEWIS SEYMOUR, a citizen of the United States, residing at the city of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Adjustable Folding Wash-Basins, of which the following is a specification.

My invention relates to wash-basins adapted more particularly for use in bath-tubs in connection with the spigots or faucets thereof and such as are constructed and arranged to fold up or to be concealed when not in use within a cabinet at the head or side of the tub.

The principal objects of my invention are, first, to provide a folding wash-basin having supporting devices and actuating mechanism by which said wash-basin may be readily caused to assume a position in proximity to or beneath the spigots, spouts, or faucets of a bath-tub for receiving water, and of being then readily elevated for use; second, to provide a folding wash-basin with means to permit after the water is discharged therefrom of the same being concealed within a cabinet or other appliance, so as to occupy comparatively little available space in the room, and, third, to provide a folding wash-basin concealed when not in use within a cabinet susceptible of being used also as a receptacle for towels and other toilet articles.

The nature and characteristic features of my invention will be more fully understood, when taken in connection with the accompanying drawings, forming part hereof, in which—

Figure 1 is a perspective view of a room with a bath-tub having a cabinet at the head thereof, and within which my improved adjustable folding wash-basin is concealed. Fig. 2 is a side elevation of the adjustable folding wash-basin with its supporting devices and actuating mechanism, and the said basin in this view being shown withdrawn from its concealed position within a cabinet, and in dotted lines is also shown the depending position of the wash-basin for being brought beneath the spigot or faucet of the bath-tub; and Fig. 3 is a top or plan view of the wash-basin occupying a position for use and in dotted lines the position it is caused to oc-

cupy beneath the spigots or faucets for receiving water.

Referring to the drawings, A is the wash-basin, made of any preferred material and construction, with an ear *a*.

B and B' are two arms or bars, which are preferably made so as to flare outward at their rear extremities, the flaring extremities of the arms or bars being pivoted to standards *c* and *c'*.

Around the lateral pin *d*, forming the pivotal connection of the arms or bars B and B' with the standards *c* and *c'*, are mounted double spiral or helical springs C, the free extremital portions of which are coiled together, forming a rod C', which is held within a block C² between the bars or arms B and B'. This double-coiled spring C serves to maintain the wash-basin A with its levers in a vertical position when concealed within the cabinet F. A spring-catch *c*³ is secured to the base-plate *c*⁴ of the standards *c* and *c'*, to hold the parallel arms or bars B and B', and with them the wash-basin A, in a horizontal position for using the same. The forward extremital portions of the arms or bars B and B' are cut away, and between them is riveted a recessed block *b*, to which is journaled a swivel-stud *d*. This swivel-stud *d* has fulcrumed to it a lever-arm D with a handle *d'*. The forward extremity of the lever-arm is pivoted to the standard *a'* of the ear *a* of the basin A. The pivot *d*², extending through the standard *a'*, is preferably provided with a handle *d*³, for raising the basin after it has assumed a depending position, as shown in Fig. 3. The rear extremity of the lever-arm D is provided with a depending catch or hook *d*⁴, which is brought into engagement with an aperture *d*⁵ in the bar or arm B to hold the basin A in a position for use, as shown, for instance, in Fig. 2, or in a concealed position in the cabinet F, as shown in Fig. 1.

To the forward extremities of the arms or bars B and B' are pivoted the curved lever-arms E and E', to maintain the wash-basin in a horizontal position when the bars or arms B and B' are in a similar position. These curved lever-arms E and E' are secured at one of their extremities by a pivot *e* to the

bars or arms B and B' and at their opposite extremities by a pin e' to the swivel-stud bolt a^2 in the ear a of the wash-basin A. This swivel-bolt a^2 is pivotally secured into the ear a by means of the shank and countersunk head a^3 and washer a^4 .

The cabinet in which the basin is to be concealed may consist of the casing F with a door F', having a mirror F², and which cabinet may contain a towel-rack G, a soap-receptacle g , and comb and brush or other receptacle g' .

The mode of operation of my improved adjustable folding wash-basin is as follows: The door F' of the cabinet being open, the wash-basin A may by hand be drawn from its vertical or concealed position as shown in Fig. 1 into a horizontal position, as shown in Fig. 2, with the bar or arm B in engagement with the spring-catch c^3 , thereby securely holding said bars or arms B and B', as well as the wash-basin A, in a horizontal position. To cause the basin A to assume a position beneath the faucet I, in order to fill it with water, the handles d' and d^3 of the lever-arm D are grasped by hand and the catch or hook d^4 released from its engagement with the bar or arm B by simply pressing upon the handle d^3 sufficiently to cause the lever-arm D to be brought in contact or proximity to the bar or arm B', and the fulcrumed lever-arm D is then turned by said handles d' and d^3 on the pivot d^6 of the swivel-stud d , so as to occupy a vertical position, as shown in Fig. 2. By the above manipulation the basin A is brought below the faucets I, and swung beneath the faucet by simply turning said handles d' and d^3 in the direction as indicated in Fig. 3. The ear a turns on the swivel stud or bolt a^2 of the lever-arms E and E', and the lever-arm D, with its swivel-stud d , turns on the forward extremities of the arms or bars B and B'. When the basin has been supplied with water from the spigot or faucet I, the same is turned backward into its former position by means of the handles d' and d^3 , and also elevated by bringing the lever-arm D into a horizontal position with the catch or hook d^2 engaging in the aperture d^3 of the arm or bar B, when the basin is ready for use. To discharge the water, the stopper a^5 is removed from the

opening in the bottom of the basin A by means of the chain a^6 . The entire apparatus, together with the wash-basin, may again be concealed by simply lifting the basin A to overcome the pressure of the spring-catch c^3 , so as to free the arms or bars B and B', when the double-coiled spring C will be brought into action and gradually lift the basin into its concealed or vertical position within the cabinet F, as indicated in Fig. 1.

It is obvious that as to minor details modifications may be made in the arrangement of the parts for actuating the wash-basin to cause the same to assume an operative position for use as well as a concealed position within the cabinet F, and hence I reserve to myself the right to modify said actuating mechanism in the more extended practice of the invention without departing from the spirit thereof.

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

1. A folding wash-basin provided with an ear having swivel-studs, arms, or bars pivoted to standards, a spring or springs coiled around said pivot, and the free extremities formed into a coiled bar held between said bars or arms, lever-arms pivoted to said bars or arms and to one of the swivel-studs of said ear, and a fulcrumed lever with a catch and handles pivoted to the other stud of said ear and to said bars or arms, substantially as and for the purposes set forth.

2. The combination, with a bath-tub provided with a cabinet having standards secured to the base thereof, supports pivoted to said standards, springs interposed between said supports, a basin with an ear having swivel-studs, lever-arms connected with said supports and one of the swivel-studs of said ear, and a fulcrumed lever pivoted to said lever-arms and to the other swivel-stud of said ear, substantially as and for the purposes set forth.

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

GEORGE LEWIS SEYMOUR.

Witnesses:

MAURICE E. FAGAN,
JAMES S. PHILLIPS.