

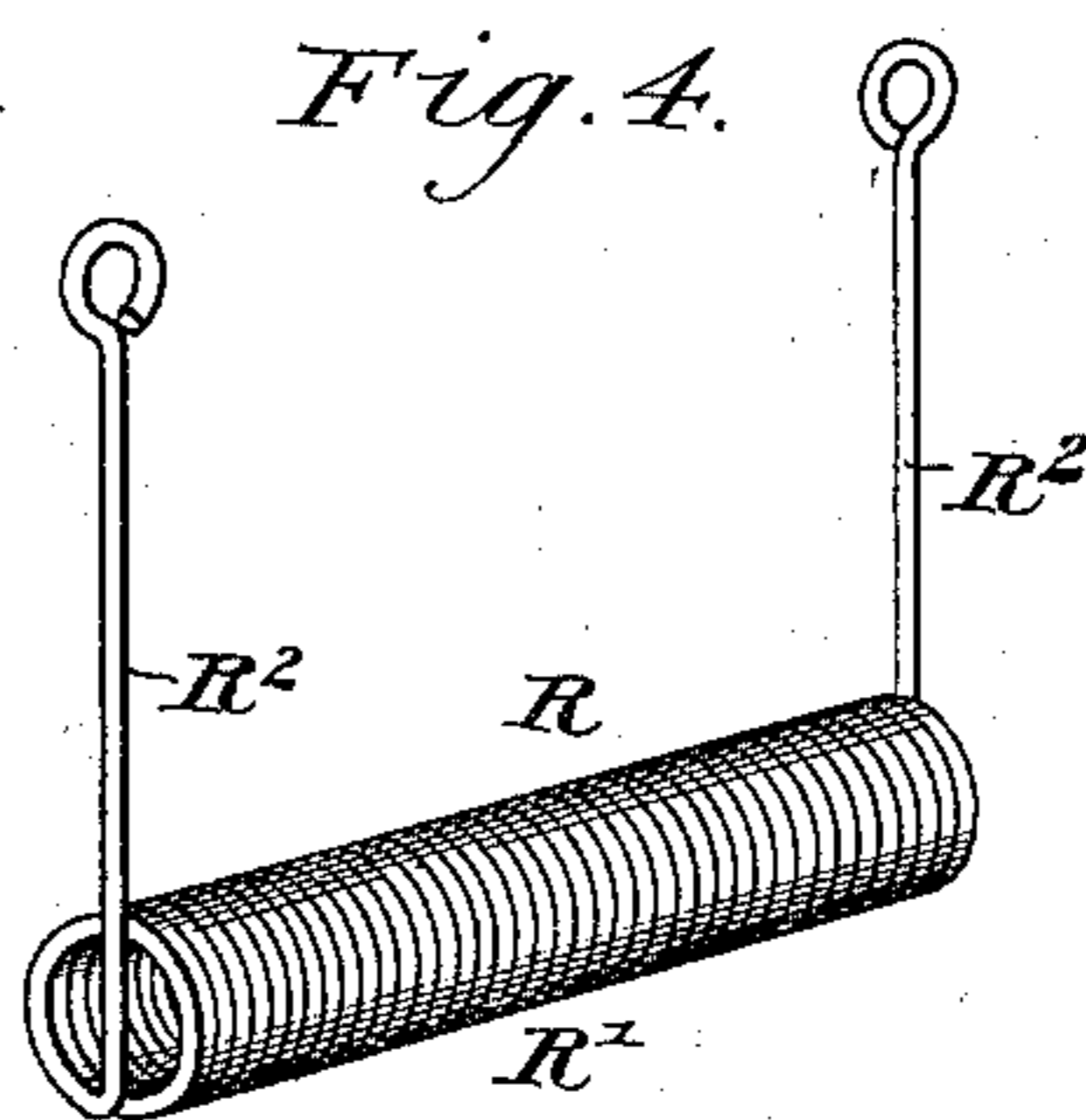
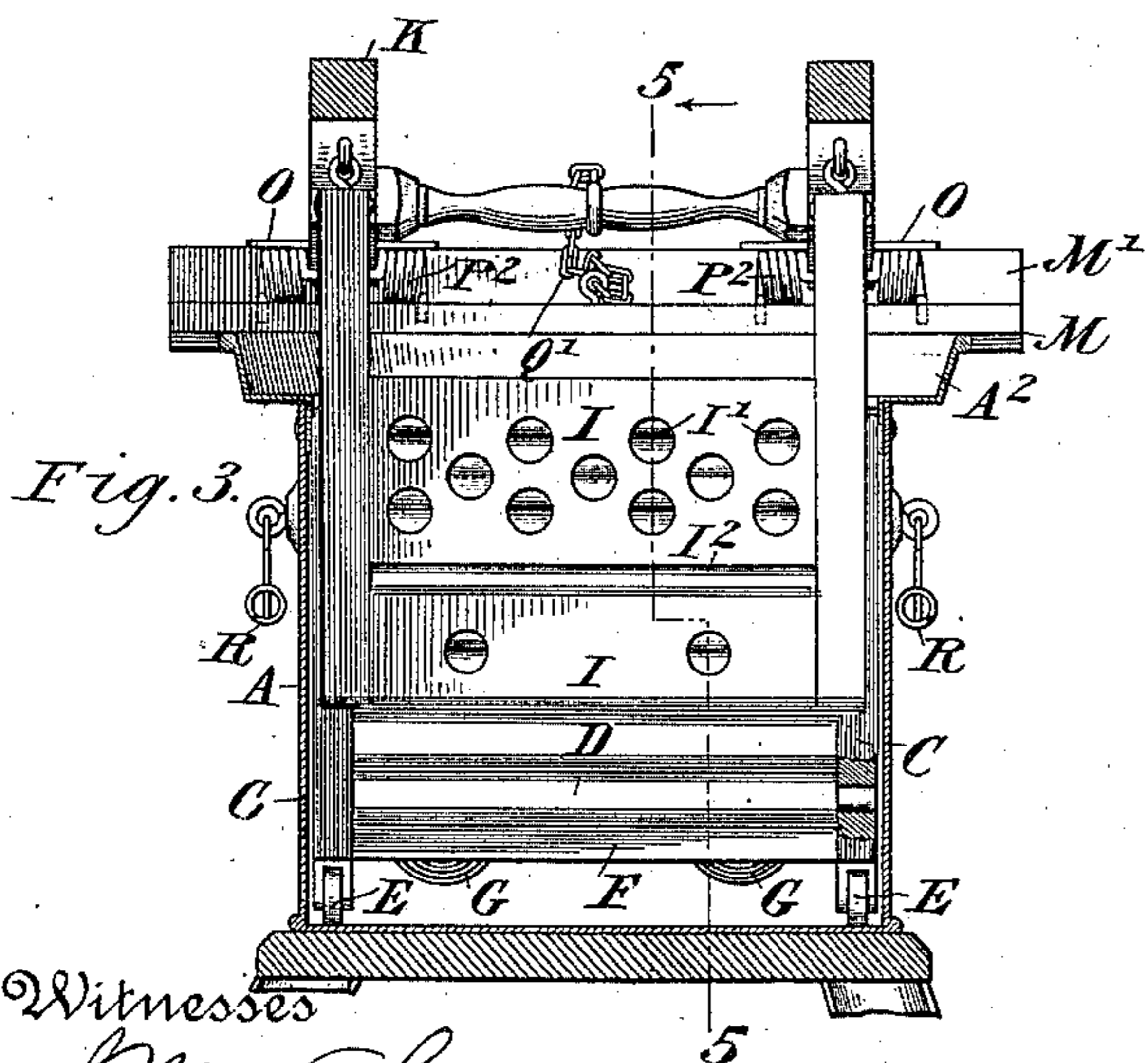
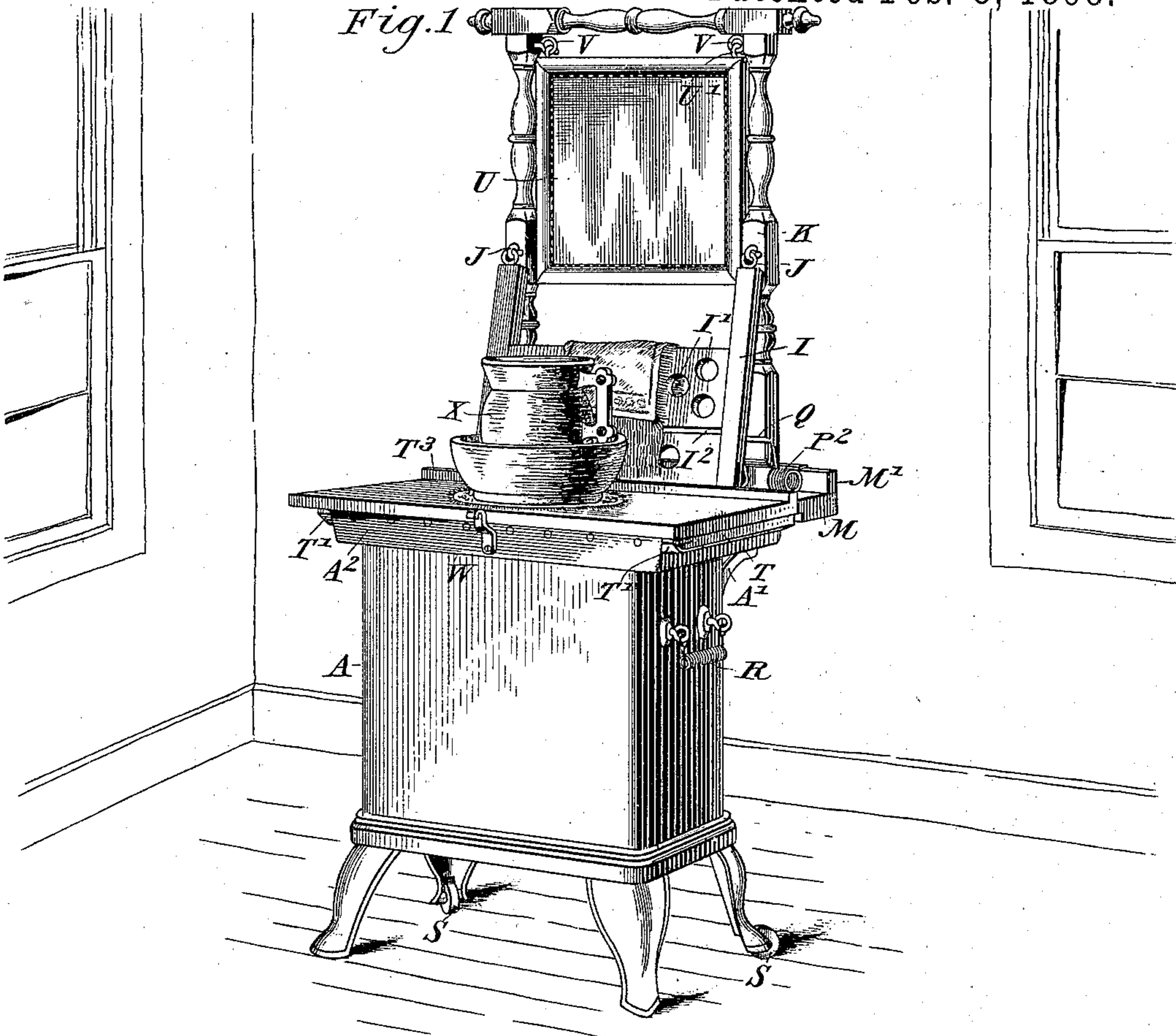
(No Model.)

2 Sheets—Sheet 1.

H. C. ATKINSON.
WASHING MACHINE.

No. 598,759.

Patented Feb. 8, 1898.



Witnesses
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(No Model.)

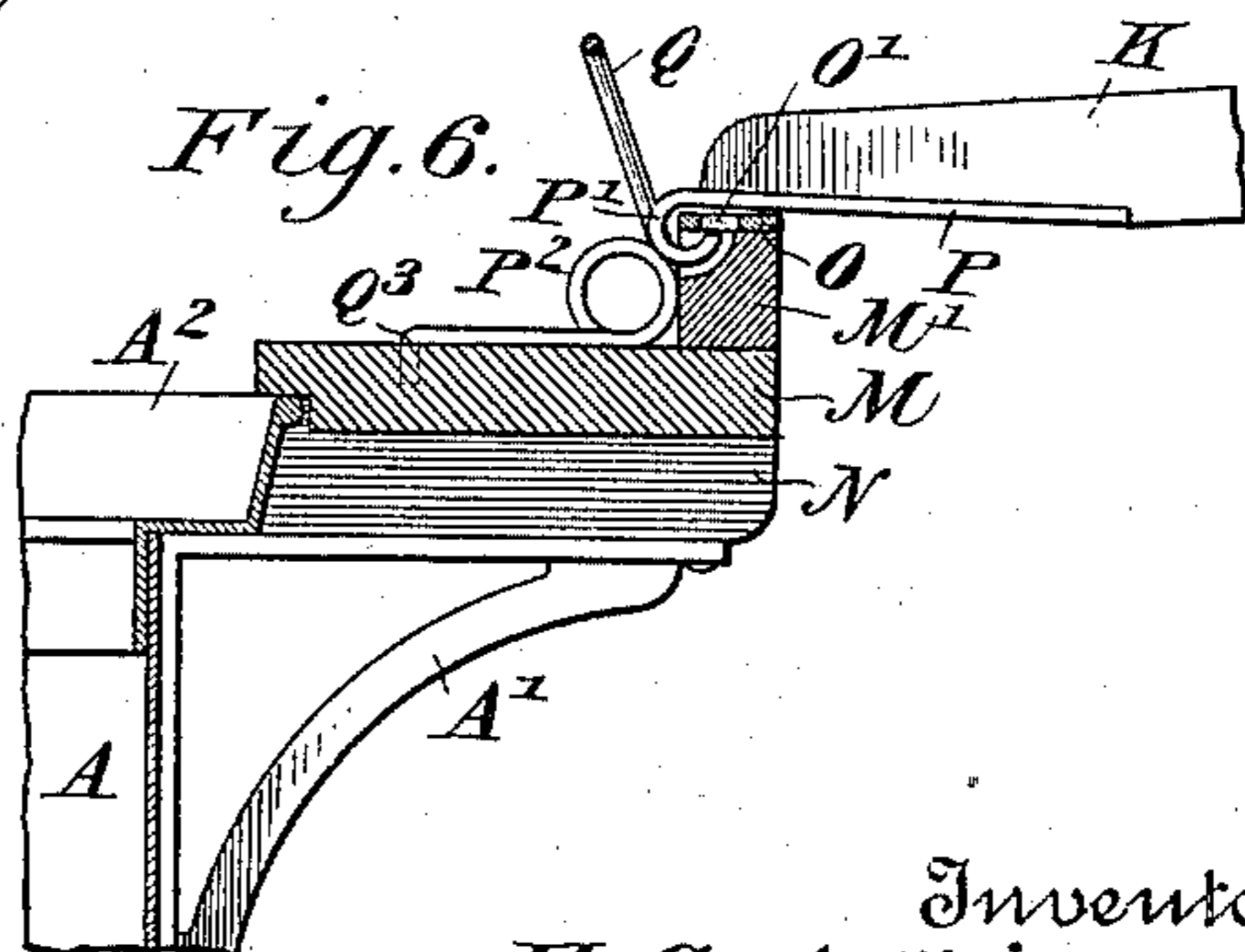
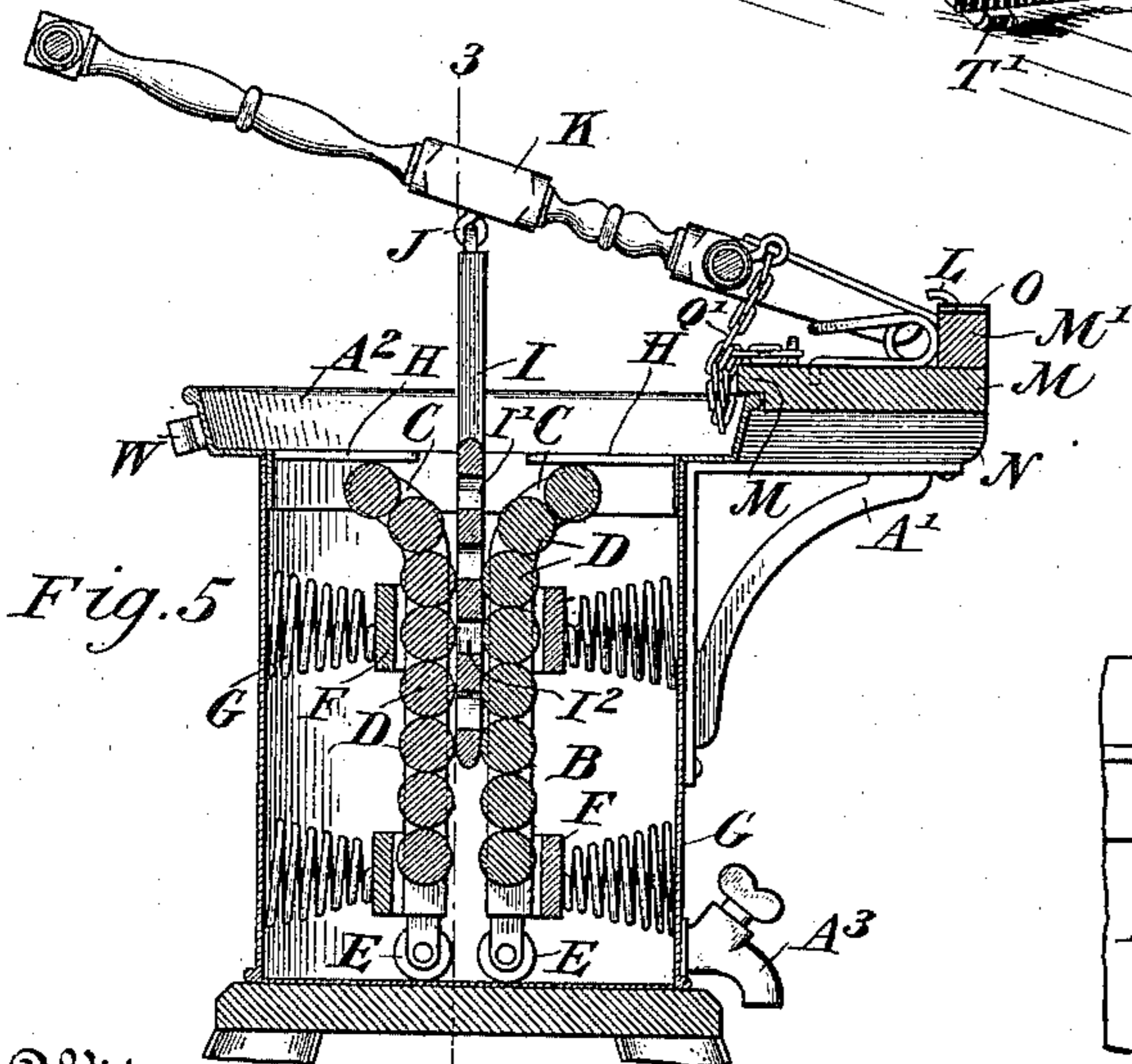
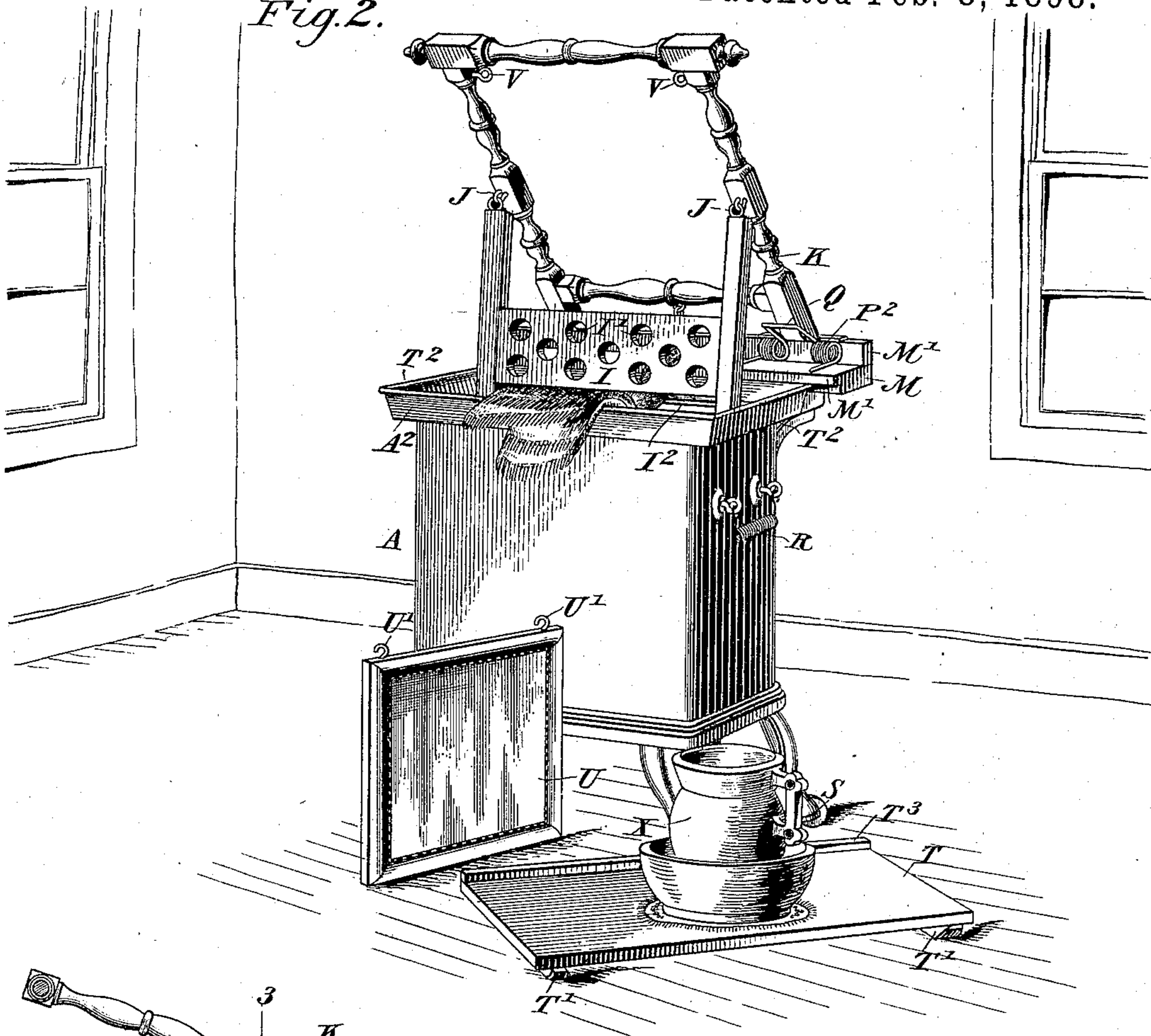
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Fig. 2.



Witnesses; → 3

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UNITED STATES PATENT OFFICE.

HENRY C. ATKINSON, OF LOUISVILLE, KENTUCKY, ASSIGNOR TO THE
HAMMOCK OIL CAN COMPANY, OF SAME PLACE.

WASHING-MACHINE.

SPECIFICATION forming part of Letters Patent No. 598,759, dated February 8, 1898.

Application filed February 23, 1897. Serial No. 624,626. (No model.)

To all whom it may concern:

Be it known that I, HENRY C. ATKINSON, residing at Louisville, in the county of Jefferson and State of Kentucky, have invented a new and useful Washing-Machine, of which the following is a specification.

My invention relates more particularly to washing-machines; but it is designed to be converted into a washstand and dresser when not in use as a washing-machine.

The object of my invention is to produce a washing-machine that will effectually wash clothes with little labor, and I accomplish this object by my improved form of washboard and clothing sash or pounder.

My invention consists of certain details of construction that will be hereinafter described, and specifically pointed out in the claims.

In order that my invention may be fully understood, I will proceed to describe the same with reference to the accompanying drawings, in which—

Figure 1 is a perspective view of my improved washing-machine converted for use as a washstand and dresser. Fig. 2 is a perspective view showing the device for use as a washing-machine. Fig. 3 is a vertical sectional view taken on the line 3 3 of Fig. 5. Fig. 4 is a detail perspective view of the bail or handle attached to the washing-receptacle. Fig. 5 is a sectional view taken on the line 5 5 of Fig. 3. Fig. 6 is a detail sectional view showing the manner of removing the hinged frame for operating the clothes sash or pounder.

In the said drawings, A represents a suitable receptacle of any desired construction and material. It is formed with the flaring upper portion A² and provided with the cock A³, by which water is drawn off.

Two washboards B are provided, and each is composed of a suitable frame C, curved at its upper end, as shown, and of the cylinders D, the reduced ends of which fit in the frame C.

E represents rollers or casters placed at the lower end of the frame to allow the sections to adjust themselves according to the thickness of the clothes. This is also permitted at the upper end by reason of the curved end

bearing against the flanges H, formed on the receptacle. These flanges also tend to keep the sections from coming out during the washing operation.

F represents wooden plates secured to the frame C, against which the springs G bear, so as to produce as much friction as possible in washing.

I represents a clothes sash or pounder, which is hinged at J to the operating-frame K, removably hinged at L, as hereinafter described. The clothes-sash I is provided with a series of small openings I' and an elongated opening I², in which different articles of clothing are placed, so that they will be thoroughly cleaned and rubbed between the two sections of washboard as the sash is moved up and down.

A' represents brackets secured to the rear side of the receptacle A for supporting the table M through the medium of the blocks N. The table M is fitted to the flaring portion A² and is provided with a flange M' at one edge, and located at each end thereof is a metal plate O, provided with an opening O'.

P represents a plate secured to the frame K, and it is provided with the open hook P', which engages the plate O. The object of such a hinge is that when the device is to be packed the frame K is turned to the position shown in Fig. 6, and by simply pressing upon it the hook P' is detached from the plate O and the frame can be packed separately.

P² represents springs having the square loops Q, against which the arms of the frame K bear, (see Fig. 2,) and the ends Q³, which are embedded in the table M. The object of these springs is to assist in raising the clothes-sash when it is depressed during the washing operation.

Q' represents a chain secured at one end to the frame K and at its other end to the table to prevent the frame being moved too far back when the device is to be used as a washstand and dresser, as shown in Fig. 1.

R represents a bail or handle adapted to be secured to the receptacle A, as shown in Fig. 1. This bail or handle is preferably formed from a single piece of wire and is composed of a coil R', forming a handle, and the arms R², extending from the ends of the coil, by

which it is secured to the receptacle. It will be understood that I do not limit myself to this particular form of bail or handle, as it is obvious that any form can be used in connection with this device.

S represents casters located on the two rear supports of the receptacle, which are for convenience in moving the device from place to place.

In Fig. 1 I have shown the device converted into use as a washstand and dresser. This is accomplished by providing a table or cover T for the receptacle A, having a flange T', which engages with the flanges T² on the flaring part of the receptacle A and raising the frame K to the position shown in this figure. The frame is supported by the clothes-sash bearing against the flange T³ of the table T, and it serves as a towel-rack, and the table is prevented from being pushed out by the turn-stop W.

U represents a mirror suspended from the eyes U', carried by the frame T, by means of the hooks V, and X a bowl and pitcher supported on the table T.

In Fig. 2 I have shown the table T and washstand removed, as also the mirror, and the device ready for use as a washing-machine.

It will thus be seen that I provide an exceedingly cheap, simple, and efficient construction of washing-machine, which can be

kept in a bed-room, if so desired, for washing linens and the like, inasmuch as it can be quickly and easily transformed into an ornamental washstand when not in use.

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

1. In a washing-machine, the combination of a suitable receptacle, a washboard located therein, a table M connected with the receptacle, and a slotted plate carried by said table, a clothes-sash adapted to be operated on said washboard, a frame carrying said sash, a plate secured to said sash and having an open eye adapted to engage said slotted plate, substantially as shown and described.

2. In a washing-machine, the combination with a receptacle having a table at its rear side and provided with a flanged cover, of a frame hinged at one end to the table, a clothes-sash hinged to the frame and engaging the flange of the cover to hold the frame in a vertical position when the machine is not in use, and a chain secured to the frame and table, substantially as shown and described.

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