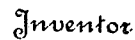


1,095,633.

2 SHEETS—SHEET 1.



O. N. Hildetor

 $\mathfrak{B}_1$

Attorney

Witnesses

Fenton W. Belt
J. H. Sherwood

O. N. HILDETON.
EXTENSIBLE BATH APPARATUS.
APPLICATION FILED SEPT. 15, 1913.

1,095,633.

Patented May 5, 1914.

2 SHEETS-SHEET 2.

Fig. 3.

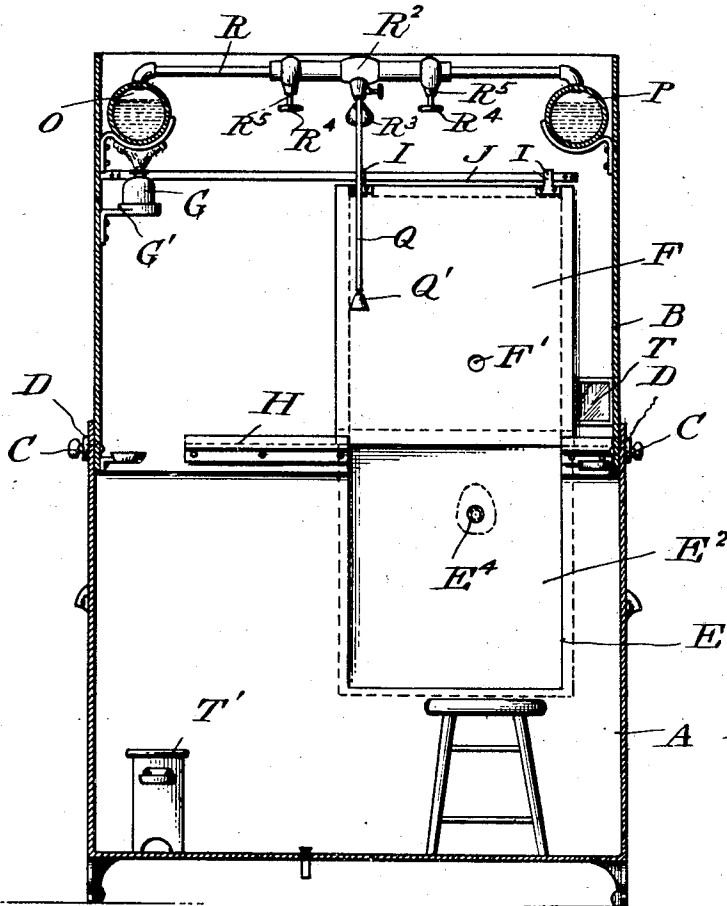


Fig. 4.

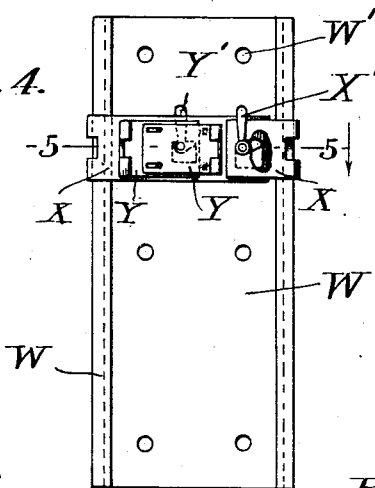
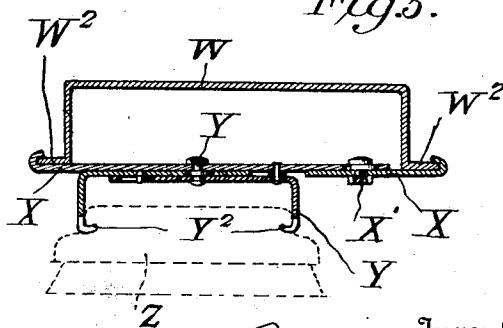


Fig. 5.



Inventor

O. N. Hildeton

Fig. 6.



By

Francis H. Hough

Attorney

Witnesses

Fenton H. Belt
J. N. Chemoor

UNITED STATES PATENT OFFICE.

OLOF N. HILDETON, OF LAFAYETTE, MINNESOTA.

EXTENSIBLE BATH APPARATUS.

1,095,633.

Specification of Letters Patent.

Patented May 5, 1914.

Application filed September 15, 1913. Serial No. 789,848.

To all whom it may concern:

Be it known that I, OLOF N. HILDETON, a citizen of the United States, residing at Lafayette, in the county of Nicollet and State of Minnesota, have invented certain new and useful Improvements in Extensible Bath Apparatus; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters and figures of reference marked thereon, which form a part of this specification.

This invention relates to new and useful improvements in bathing apparatus and comprises a simple and efficient mechanism of this nature so arranged as to be convenient for taking various kinds of baths and of a compact construction.

The invention comprises various details of construction, combinations and arrangements of parts which will be hereinafter fully described, shown in the accompanying drawings and then specifically defined in the appended claims.

I illustrate my invention in the accompanying drawings, in which:—

Figure 1 is a perspective view showing the apparatus collapsed or reduced to a compact form. Fig. 2 is a perspective view showing the part extended in readiness for use. Fig. 3 is a sectional view vertically and centrally through Fig. 2. Fig. 4 is an enlarged detail view of a part of the apparatus. Fig. 5 is a sectional view on line 5—5 of Fig. 4, and Fig. 6 is a perspective view of a respirator tube.

Reference now being had to the details of the drawings by letter, A designates the lower section of the cabinet and B the upper section which telescopes within the section A when not in use, the apparatus having the appearance as shown in Fig. 1. When extended, the upper section is held in the positions shown in Figs. 2 and 3 through the medium of the screws C which pass through the plate D and engage threaded openings in the wall of the section B. The two sections are provided with door openings, designated respectively by letters E and E', the former of which has a sliding door E² which is guided by the angle bar E³ projecting from the outer face of the section A. The door E is provided with an opening E⁴

for the admission of air and also the opening serves as a handle whereby the door may be moved horizontally back and forth. The door E², it will be noted, is mounted outside of the section A and a similar sliding door, designated by letter F, is mounted within the upper section and serves as a closure for the opening E' and is provided with an aperture F', serving both as a handle and also as a means whereby air may be introduced into the cabinet. The door F, it will be noted, is guided in its sliding movements by the angled bars H at the bottom and its upper end is provided with hooks I which engage over the bar J.

An extensible curtain supporting rod, designated by letter L, is mounted to have a play through the eyes L' upon the cabinet whereby it may be pushed back when not in use and is braced by the rods N. By the employment of the curtain, a closure may be formed whereby the person taking a bath may have a space within which to be shielded when dressing.

Mounted within the upper section are the two tanks, designated respectively by letters O and P, the former of which is adapted to serve as a hot water tank and the latter to contain cold water. The two tanks are connected with the pipes R also with pipes R', the former of which are connected to a shell R² which has a nozzle R³ connected thereto and two valves within the casings R³ and regulated by the hand wheels R⁴. A hose pipe Q also communicates with the shell R² and has a nozzle Q' connected thereto. The pipe R' has connected thereto an air pump M whereby any suitable pressure of air may be maintained upon the water within the hot and cold water tanks.

Underneath the hot water tank is placed a heater of any suitable kind, designated by letter G, and mounted upon a bracket supporting member G' which is fastened to the wall of the upper section of the apparatus, and a window T is formed in the upper section and a stool T' in the lower one.

Referring to Figs. 4 and 5 of the drawings will be noted a plate W which is apertured as at W' for the reception of bolts whereby the same may be fastened to the wall of the upper section. Said plate, a section of which is shown in Fig. 5, it will be noted has angled flanges W² over the edges of which the hooked ends of the clamping plates X engage, being held in clamping re-

lation by means of the cam lever X'. Other clamping members, designated respectively by letter Y, are mounted upon one of the sections X and are held by means of a lever Y', shown in Fig. 4 of the drawings, in such positions that their angled ends Y² will grip the handle Z.

By the provision of an apparatus embodying the features of my invention, it will be noted that a simple and efficient mechanism is afforded whereby, when not in use, the same may be reduced to a compact form having the appearance of an ordinary bureau with mock drawers while, when opened up for use, would have the appearance shown in Fig. 2. The person taking the bath may sit upon the stool within the lower section of the cabinet and have a shower bath, the temperature being regulated by the admission of water from the hot and cold tanks, while atmospheric air may be breathed through the respirator.

By the provision of the brush holder, means is afforded whereby the back of the person taking the bath may be rubbed, the doors in the cabinet being at all times free to be operated by the person within taking the bath.

What I claim to be new is:—

1. A collapsible bath apparatus comprising two sections adapted to telescope one within the other, means for holding the sections extended, each section having a door opening, a sliding door serving as a closure for each opening, tanks within the upper section, pipes communicating with the tanks, and a nozzle communicating with said pipes, as set forth.

2. A collapsible bath apparatus comprising two sections adapted to telescope one within the other, screws passing through registering apertures in the walls of the two sections and adapted to hold the same extended, each section having a door opening, sliding doors to close said openings, water tanks mounted within the upper section, pipes communicating between the tanks, and a spray nozzle communicating with said pipe, as set forth.

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

OLOF N. HILDETON.

Witnesses:

CARL HERMAN FINSETH,
C. C. CHIN.