

W. J. HEGARTY.  
HAND OR ARMPIT SUPPORT FOR WATER CLOSETS.  
APPLICATION FILED DEC. 27, 1918.

1,353,749.

Patented Sept. 21, 1920.

Fig. 1.

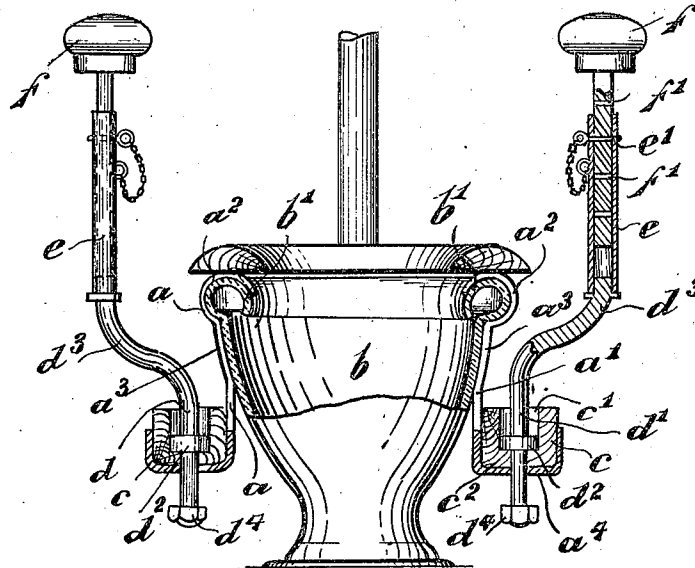
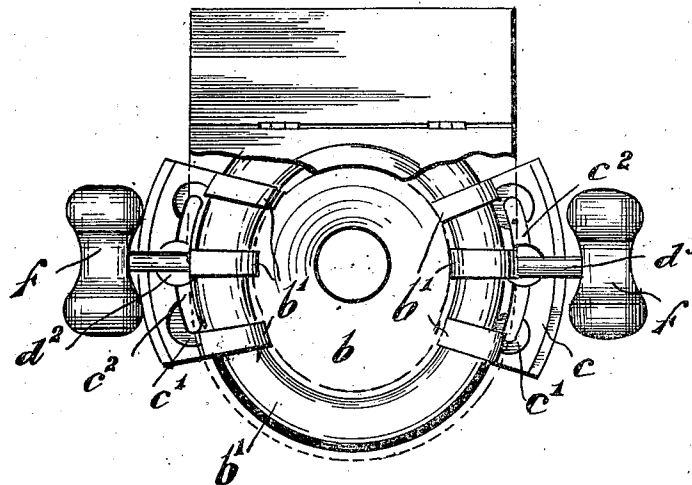


Fig. 2.



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By: B. Singer, Atty.

# UNITED STATES PATENT OFFICE.

WILLIAM JOHN HEGARTY, OF LAWSONVILLE, CORK, IRELAND.

HAND OR ARMPIT SUPPORT FOR WATER-CLOSETS.

1,353,749.

Specification of Letters Patent. Patented Sept. 21, 1920.

Application filed December 27, 1918. Serial No. 268,572.

*To all whom it may concern:*

Be it known that I, WILLIAM JOHN HEGARTY, a subject of the Kingdom of Great Britain, residing at Lawsonville, Boreenmanna Road, Cork, Ireland, have invented a certain new and useful Hand or Armpit Support for Water-Closets, of which the following is a specification.

This invention relates to crutch hand or armpit supports for use in connection with water-closet basins, and comprises an attachment or attachments which can be secured to any form of water-closet basin, and which is or are more particularly adapted to form supports for the use of those persons having infirmities, artificial limbs, and the like. Such supports are advantageously provided with vertical adjustment means for enabling the required height to be regulated, as also in a horizontal direction in such a manner as to enable the position to be adjusted in relation to the water-closet seat.

In order that this invention may be clearly understood and readily carried into practice, reference may be had to the appended sheet of drawings, upon which:—

Figure 1 is a part section through a water-closet basin illustrating the supports in position.

Fig. 2 is a plan of Fig. 1.

In an embodiment of this invention a pair of iron hangers  $a$   $a^1$  are provided, the upper end of each of which are of clip or hook formation  $a^2$ , which clips or hooks  $a^2$  are adapted to engage with the inside of the top roll or lip  $b^1$  of the water-closet basin  $b$ ; these hangers  $a$ ,  $a^1$  are adapted to be suspended on each side of the water-closet basin  $b$ , the vertical part  $a^3$  of each hanger is preferably shaped to fit against the outside of the basin  $b$ , and is channel shaped at its lower end  $a^4$  to receive a block  $c$ , which block is preferably of a similar curve or plan to that of the exterior curve of the basin  $b$ . Each block  $c$  is provided with three vertical perforations  $c^1$  of circular cross section, these three perforations are connected together by a vertical slot  $c^2$ .

The lower part  $d^1$  of each crutch support

$d$  is formed of a vertical bar having a circular enlargement  $d^2$  which fits into one of the aforementioned holes in the block, the part  $d^3$  of the bar above the block being cranked outwardly, above each crank the bar is provided with a tubular socket  $e$  in which the stem  $f^1$  of the crutch or support  $f$  is made to telescope, so as to enable the height of the crutch or support to be adjusted, a series of perforations  $f^2$  being made in the stem of the crutch with a perforation  $e^1$  in the tubular socket for permitting of the crutch support being secured at varying heights as desired.

By reason of the crank formation  $d^3$  of the supporting bar and the freedom of the enlargement  $d^2$  to turn in the vertical perforation in the block  $c$ , it will be seen that the upper or supporting part of the crutch can be adjusted in position by the pivot action of the lower part  $d^1$  of the bar in the block, a further adjustment may be effected by raising the bar support until the enlargement  $d^2$  is clear of the perforation  $e^1$  in the block  $c$  and then sliding the parts of the bar having a smaller diameter than the enlargement  $d^2$  along the slot  $c^2$  which forms a passage from one vertical perforation  $e^1$  to the other, and then dropping the enlargement into the perforation at that point, the extreme end of the bar being provided with a suitable washer or nut  $d^4$  to prevent the bar support from being entirely withdrawn from the block.

It will be seen that as the crutch supports  $d$  are cranked out at  $d^3$  from the basin  $b$  that any weight which the crutches have to support has a tendency to retain the hanger  $a$  against the sides of the basin, which thereby takes up a portion of the strain.

The upper part of the crutch supports  $f$  may be padded and shaped to fit under the arm-pit, or may be shaped to form grips or rests for the hand or elbow.

What I claim as my invention and desire to secure by Letters Patent is:—

1. In combination with a water closet basin having a hinged cover, a crutch, hand or armpit support having means to suspend the same directly from the basin, said sus-

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pending means comprising a hanger having clips to engage the top of the wall of the basin, below the cover.

- 5 2. In combination with a water closet basin having a hinged cover, a crutch, hand or armpit support having means to suspend the same directly from the basin, said suspending means comprising a hanger having clips to engage the top of the wall of the

basin, below the cover, said suspending means being laterally adjustable on the basin. 10

In witness whereof I have hereunto set my hand in the presence of two witnesses.

WILLIAM JOHN HEGARTY.

Witnesses:

JOHN H. E. MCANDREWS,  
WILLIAM A. KELLEHER.