P. T. FLACH.

BRUSH HOLDER.

APPLICATION FILED NOV. 4, 1915.

1,233,212. Patented July 10, 1917.

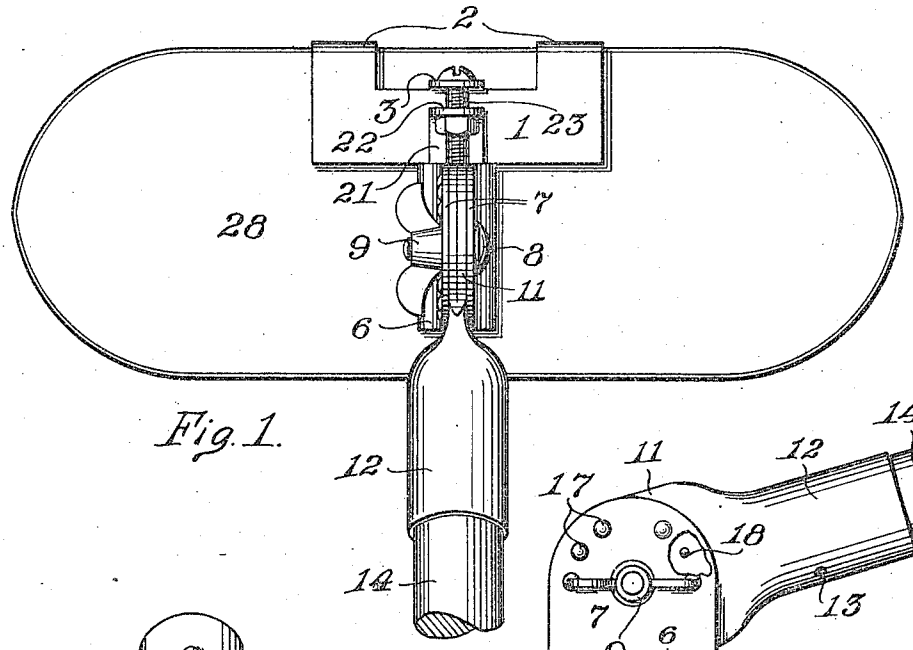


Fig. 1.

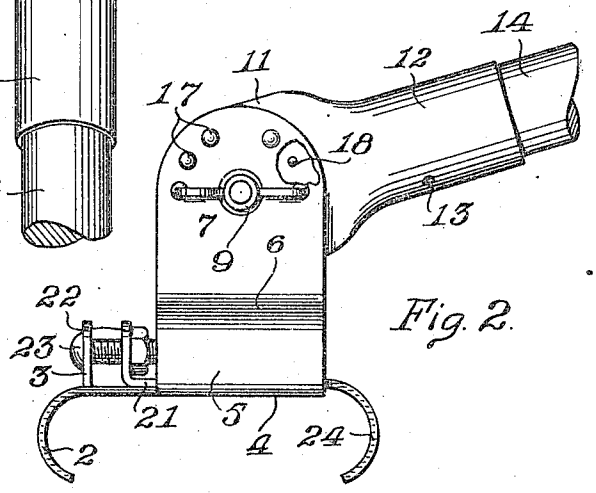


Fig. 2.

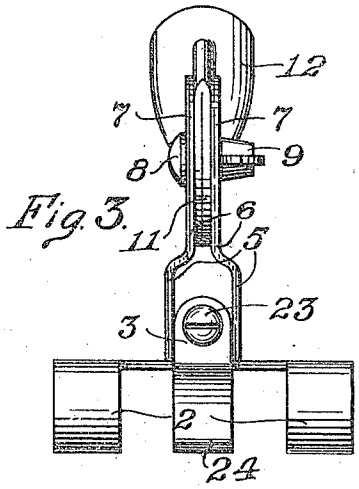


Fig. 3.

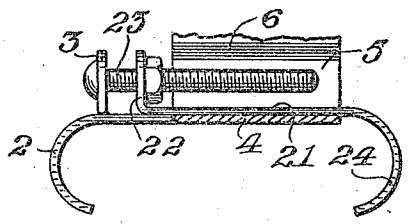


Fig. 4.

Witnesses:

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UNITED STATES PATENT OFFICE.

PHILIP T. FLACH, OF NORWOOD, PENNSYLVANIA.

BRUSH-HOLDER.

1,233,212. Specification of Letters Patent. Patented July 10, 1917.

Application filed November 4, 1915. Serial No. 59,565.

To all whom it may concern:

Be it known that I, PHILIP T. FLACH, a citizen of the United States, and a resident of Norwood, county of Delaware, State of Pennsylvania, have invented certain new and useful Improvements in Brush-Holders, of which the following is a full, clear, and exact description.

The object of the invention is to provide a holder which can be adjusted to adapt it to the size and shape of practically any ordinary brush, particularly those commonly known as scrubbing brushes.

Another object is to provide a device of this character in combination with a handle, which can be adjusted to assume any desired angle, to equally adapt a brush of a given shape to any one of a large number of surfaces or planes.

And still another object is to provide an adjustable brush holder, formed from three blanks by suitable dies, and so constructed that the finished device is rugged and capable of withstanding rough usage without breaking, and so assembled that it cannot become easily deranged.

Further objects and details of the construction of the preferred embodiment of the invention are fully brought out in the following specification, when read in conjunction with the accompanying drawings, in which Figure 1 is a top plan view of the device associated with a brush; Fig. 2 is a side elevation of the holder *per se;* Fig. 3 is an end elevation of the same; and Fig. 4 is a fragmentary section of the lower portion of Fig. 2, showing in detail the means for adjusting the device.

Referring to the drawings, there is provided an elongated metallic member 1, comprising one or more integral, downwardly and reversely bent claws 2, while from one lateral edge of said member extends upwardly an apertured lug 3 for a purpose hereinafter described. In the same plane with, and extending from the edge portion of, the said member opposite to the said lug is an integral shank section 4, provided laterally in turn with spaced, parallel, upstanding ears 5, bent slightly together at 6, and thence parallel to form bearing members 7, through which extends the clamp bolt 8, carrying the wing nut 9.

Between the said bearing members is the collapsed portion 11 of a tubular member 12, into the opposite open end of which is secured a handle 14 by any suitable means 13, said collapsed portion being apertured to receive the bolt 8. The inner surface of one of the bearing members is recessed at spaced intervals 17 to receive an offset 18, pressed outwardly from the adjacent surface of the said collapsed portion 11, the engagement of said offset with the respective recesses operating to maintain the said tubular member in a given angular position with respect to said first-named member 1, said relationship being yieldingly maintained by tightening the nut 9.

Slidably positioned between the ears 5 and adjacent to the shank 4 is a clamping member 21, terminating at one end in an upwardly extending apertured ear 22, adapted to be drawn toward the lug 3 by a bolt or set screw 23 passing through both, while the opposite end of said clamping member is bent downwardly and reversely to form a claw 24, opposed to the claws 2 and adjustable toward and away from the same by the operation of said last-named bolt, the nut of which is prevented from revolving by its engagement with the adjacent surface of the said member 21.

In the use of this device, the handle first having been secured in place, the bolt 23 is loosened, thereby permitting the claws to separate. The relatively stiff back of a brush 28 is then inserted between said claws and the said bolt tightened. Finally, depending upon the work to be done, or the surface to be treated, the angular position of the handle is set as desired by first loosening the wing-nut 9, shifting the said handle while the brush is held stationary, and then again tightening the said nut. The brush thus held by the improved clamp or holder is then ready for use as desired.

Thus, while it is evident from the foregoing description that the illustrated embodiment of this invention is highly efficient and dependable in its operation, it is also to be noted that the same is formed in such manner, namely, by the use of dies, that the cost of production is very low, making the article both inexpensive to obtain and quite universal in its applicability.

Having thus described my invention, what I claim and desire to protect by Letters Patent of the United States is:

1. A brush holder, comprising a member provided with a claw, an apertured lug, and a pair of spaced handle-attaching exten-

sions, a second claw member provided with an apertured lug and slidably positioned between said extensions, and adjustable means passing through said lugs and operative to contract said claw members.

2. A brush holder, comprising a member provided with a claw, an apertured lug, and a pair of spaced handle-attaching extensions, a second claw member provided with an apertured lug, and adjustable means passing through said lugs and operative to contract said claw members.

In witness whereof, I have hereunto set my hand this first day of November, 1915.

PHILIP T. FLACH.

Witnesses:

AMY B. HORN,

J. STUART FREEMAN.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."