

J. F. HEMENWAY.
 PRESSURE SCREW FOR CLOTHES WRINGERS.
 APPLICATION FILED OCT. 2, 1916.

1,284,101.

Patented Nov. 5, 1918.

Fig. 1.

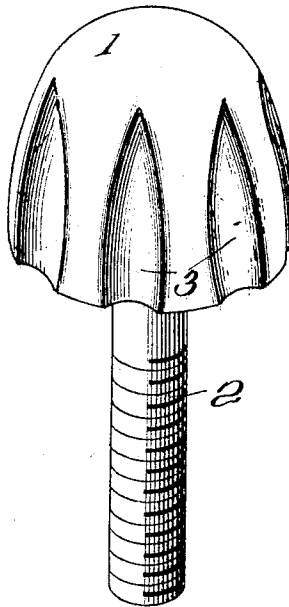


Fig. 2.

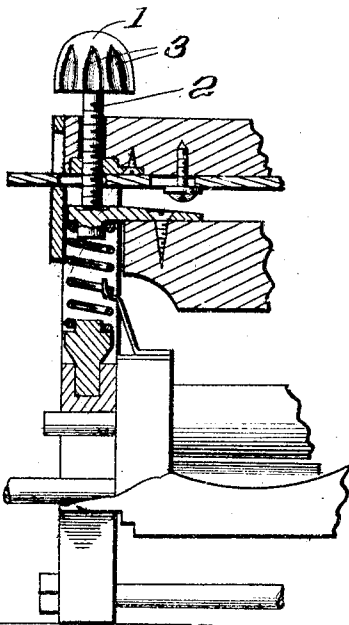
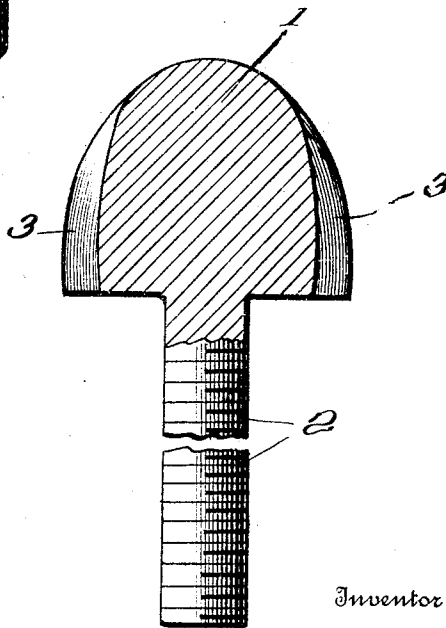


Fig. 3.



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Witness

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UNITED STATES PATENT OFFICE.

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PRESSURE-SCREW FOR CLOTHES-WRINGERS.

1,284,101.

Specification of Letters Patent.

Patented Nov. 5, 1918.

Application filed October 2, 1916. Serial No. 123,377.

To all whom it may concern:

Be it known that I, JOHN F. HEMENWAY, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Pressure-Screws for Clothes-Wringers, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to certain new and useful improvements in pressure screws for clothes wringers, the object being to provide a pressure screw with a semi-oval shaped head having recesses to receive the fingers so that the same can be readily grasped by the operator in order to adjust the pressure on the pressure rolls without any danger of the hand slipping thereby overcoming the disadvantages now existing in pressure screws of this character as when the hand becomes soapy and it is attempted to operate the pressure screws on the clothes wringer the hand slips, while with this construction a firm grip is obtained.

Another object of my invention is to provide a pressure screw which is exceedingly simple and cheap in construction, and one which is provided with a head of such a shape that the same can be readily grasped by the whole hand.

Other and further objects and advantages of the invention will be hereinafter set forth and the novel features thereof defined by the appended claims.

In the drawings,

Figure 1 is a perspective view of my improved construction of pressure screw;

Fig. 2 is a detail side elevation of a portion of a clothes wringer partly in section showing the application of my improved construction of clothes wringer thereto; and

Fig. 3 is a side elevation partly in section of my improved construction of pressure screw.

Like numerals of reference refer to like parts in the several figures of the drawing.

In carrying out my invention I preferably form the pressure screw by casting the same, but it is, of course, understood that the same can be milled out of a block, or the stem and

head can be formed separately and connected together.

In constructing my screw, as herein shown, I provide a semi-oval shaped head 1 having a threaded shank 2, the outer face of the head being provided with grooves 3 which gradually decrease in width and depth toward the point of the oval so as to provide a smooth surface upon which the hand can be placed, the fingers resting in the grooves so as to thoroughly grip the head in order to turn the screw.

By providing a pressure screw of this character to be used in connection with a clothes wringer, the operator is able to grasp the head and manipulate the screw to adjust the pressure on the pressure rolls without any danger of the hand slipping on the pressure screw as it will be seen that when the hand is in position, the palm rests upon the top screw and the finger is dropped into the recess so that the head can be firmly grasped.

I claim:

1. A pressure screw for clothes wringers, comprising a threaded shank having a substantially semi-oval shaped head the circumference of said head being provided with vertically disposed recesses substantially semicircular in cross section extending from the edge of said head toward the center thereof, said recesses decreasing in width and depth toward the center of the head forming a substantially smooth central portion and a series of finger receiving recesses.

2. As a new article of manufacture a pressure screw for clothes wringers, comprising a threaded shank having a substantially semi-oval shaped head carried thereby, the circumference of said head being provided with radially extending substantially semicircular grooves gradually decreasing in width and depth from the lower edge thereof toward the point of the oval forming a plurality of tapering finger recesses.

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

JOHN F. HEMENWAY.

Witnesses:

GEORGE W. BEHRENS,
G. R. PATCHEN.