No. 866,055. PATENTED SEPT. 17, 1907.

E. OLSEN.

MOP WRINGER.

APPLICATION FILED MAY 22, 1906.

Fig. 1.

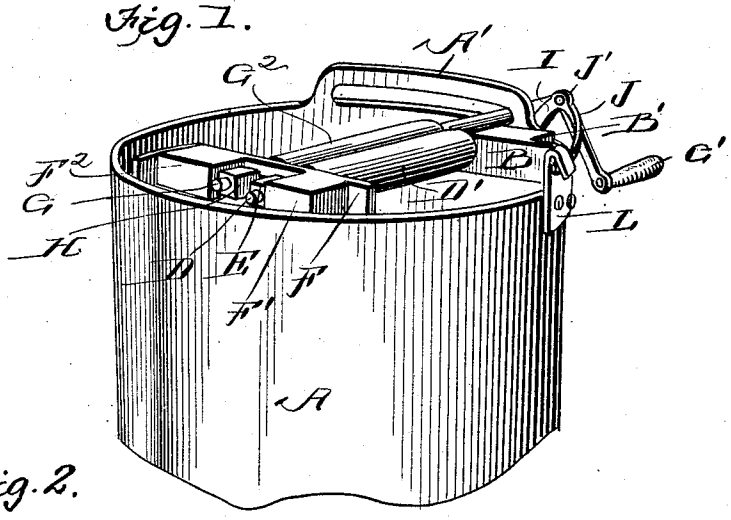


Fig. 2.

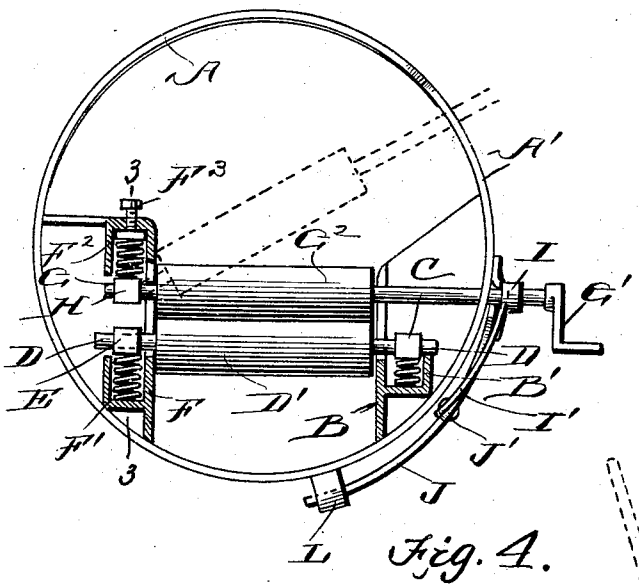


Fig. 3.

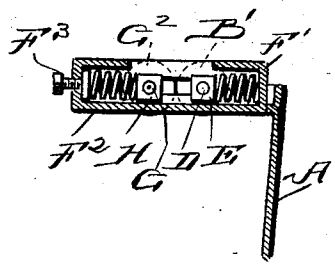
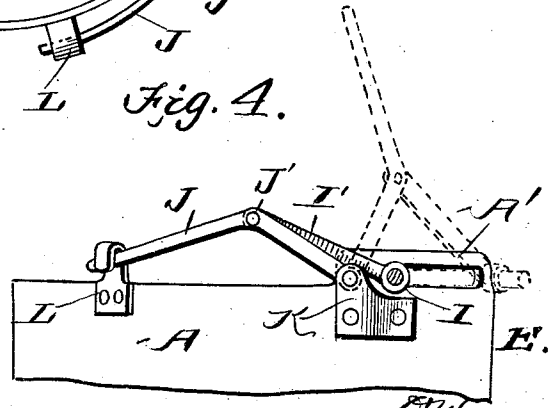


Fig. 4.



Witnesses

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MOP-WRINGER.

No. 866,055. Specification of Letters Patent. Patented Sept. 17, 1907.

Application filed May 22, 1906. Serial No. 318,249.

To all whom it may concern:

Be it known that I, ELI OLSEN, a citizen of the United States, residing at Portland, in the county of Multnomah and State of Oregon, have invented a new and useful Improvement in Mop-Wringers, of which the following is a specification.

My invention relates to mop wringers and more particularly to combined wringers and pails, the object being to provide a mop wringer which is very simple and cheap in construction and one which is very effective in use.

Another object of my invention is to provide very simple means for swinging one of the rollers so that the mop can be placed between the same whenever it is desired to wring the mop.

This invention consists of the novel features of construction hereinafter fully described and pointed out in the claims.

In the drawings forming a part of this specification:—Figure 1 is a perspective view of my improved wringer and pail showing the pail partly broken away. Fig. 2 is a top plan view of the same partly in section. Fig. 3 is a detail sectional view taken on the line 3—3 of Fig. 2. Fig. 4 is a detail side elevational view showing the roller adjusting lever.

In the drawings forming a part of this specification, A, indicates a pail having an upwardly projecting slotted portion A′, forming a guideway for the purpose hereinafter described. A frame B, having a slotted end is secured in the pail adjacent one end of the portion A′, and is provided with a housing B′, in which is mounted a spring actuated apertured block C, in which one end of a shaft D carrying a rubber roller D′, is journaled. The other end of the shaft D, is journaled in a spring actuated apertured block E, mounted in the housing F′, of the angle slotted frame F, secured in the pail opposite the frame B. A shaft G, provided with a crank G′, at its end extends through the slot in the portion A′, carrying a rubber roller G^2, and has its other end journaled in a spring actuated apertured block H, mounted in a housing F^2, of the frame F, which is provided with a set screw F^3, adapted to adjust the tension of the spring of the block H. A sleeve I, is mounted on the shaft G, provided with an arm I′, which is pivotally connected to a lever J, at J′, which is pivoted to a plate K, secured to the side of the pail, and by means of which one end of the roller G^2, can be moved away or drawn up to the roller D′. A hook L, is secured to the pail adapted to receive the end of the lever and lock the rolls into engagement with the mop after the mop has been put into place between the rolls.

From the foregoing description it will be readily seen that I have provided a mop wringer which is very simple and cheap in construction and one in which the roller can be easily and quickly swung aside so that the mop can be placed between the rollers.

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

In a device of the kind described, the combination with a pail provided with an upwardly projecting slotted portion, of a frame secured in said pail adjacent one end of said upwardly projecting portion, an angled slotted frame secured in the pail opposite said frame, a shaft mounted in said frame carrying a roller, a shaft mounted in said frame carrying a roller and extending out through said slotted portion and provided with a crank, a sleeve mounted on said shaft on the outside of said slotted portion provided with an arm and a lever mounted on a plate secured to said pail connected to said arm.

ELI OLSEN.

Witnesses:
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