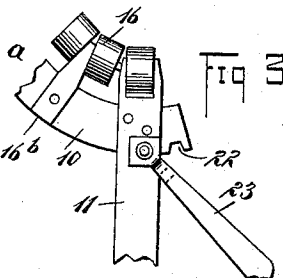
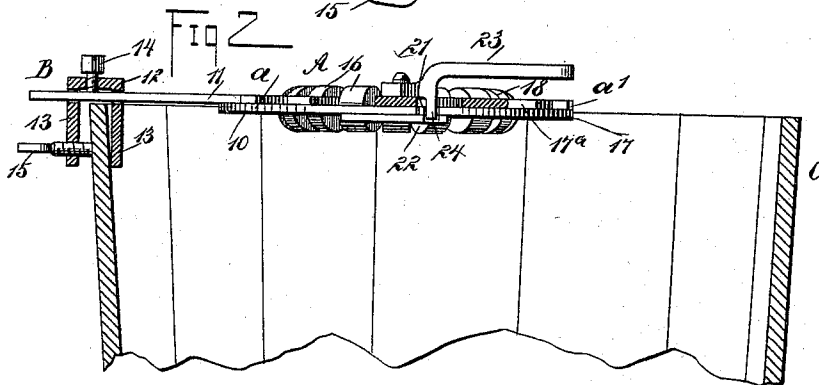
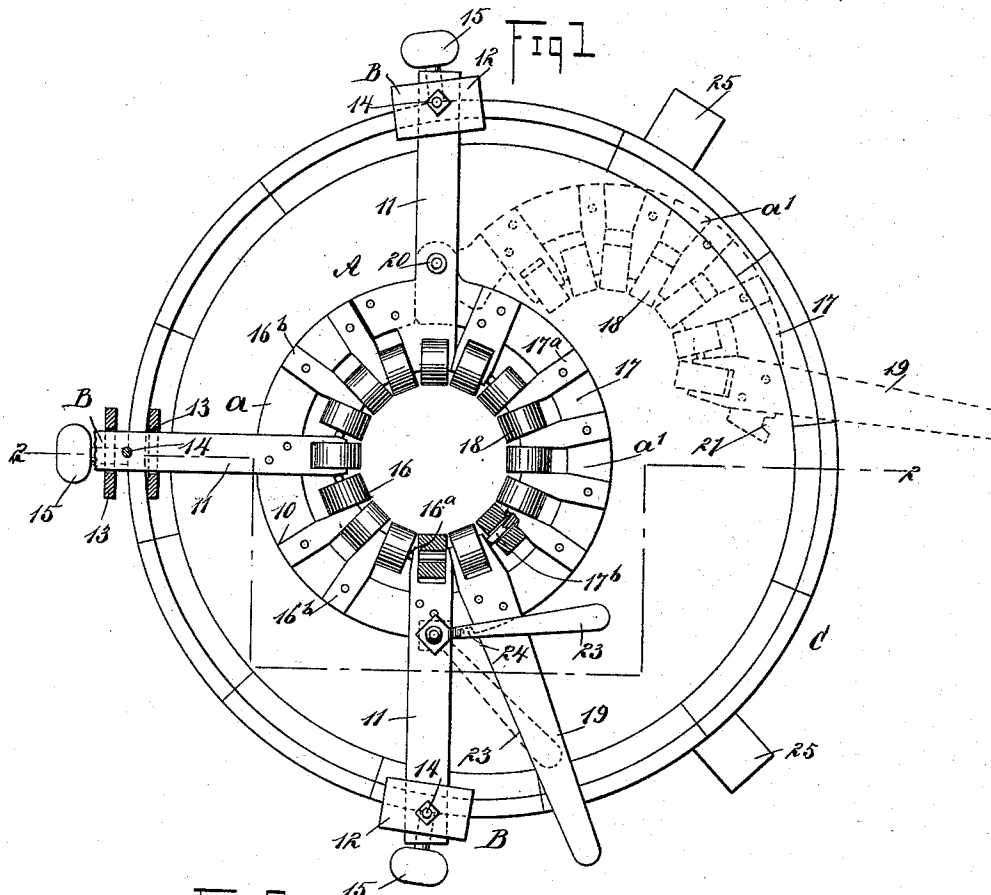


(No Model.)

F. TRIMBLE.
MOP WRINGING ATTACHMENT FOR PAILS.

No. 605,362.

Patented June 7, 1898.



WITNESSES:

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FRANK TRIMBLE, OF GREENSBURG, INDIANA.

MOP-WRINGING ATTACHMENT FOR PAILS.

SPECIFICATION forming part of Letters Patent No. 605,362, dated June 7, 1898.

Application filed February 3, 1898. Serial No. 668,922. (No model.)

To all whom it may concern:

Be it known that I, FRANK TRIMBLE, of Greensburg, in the county of Decatur and State of Indiana, have invented a new and Improved Mop-Wringing Attachment for Pails, of which the following is a full, clear, and exact description.

The object of the invention is to provide a device readily attachable to any pail and through the medium of which a mop may be wrung in a convenient and expeditious manner without necessitating the hands of the operator coming in contact with the contents of the pail and whereby the mop may be readily placed in position to be wrung or removed from the pail, as desired.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claims.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in all the figures.

Figure 1 is a plan view of the pail and the attachment applied to the pail, a portion of the attachment being in section. Fig. 2 is a section through the pail and attachment, taken on the line 2 2 of Fig. 1; and Fig. 3 is a detail view of the locking end of the fixed portion of the attachment.

The attachment in its entirety is designated as A and is constructed practically in two parts—a fixed section *a* and a movable section *a'*. Each section is semicircular, the two sections when brought together being of circular shape. The fixed section *a* comprises a segmental body 10, which is preferably made flat and from which arms 11 are carried, the arms 11 being of such length that they may extend beyond or over the upper edge of the pail C to which the attachment is to be applied. Each arm 11 is provided at its outer end with a clamp B. These clamps, as shown in the drawings, preferably consist of a top plate 12 and opposing jaws 13, which extend downwardly from the top plate, being adapted to engage with the inner and the outer faces of the staves of the pail to which the attachment is to be applied. The clamps are secured upon the arms 11 by means of binding-

screws 14, and usually set-screws 15 are passed through the outer jaws 13 to an engagement with the outer surface of the pail, as shown in Fig. 2; but, as above stated, the two jaws 13 of the various clamps may be brought into actual engagement with the inner and the outer faces of the staves of the pail. The set-screws 15 are employed in order that the attachment may be made to pails having either thick or thin staves.

The body portion 10 of the member *a* of the attachment is provided with inwardly-extending arms 16^b, which arms carry or support a wire 16^a or its equivalent, upon which wire 16^a rollers 16 are mounted to turn, sundry of the said rollers being located in the arms 11, as shown in Fig. 1. The section *a'* of the attachment consists also, preferably, of a segmental body-plate 17, from which inwardly-extending brackets 17^a are projected, the said brackets carrying a wire 17^b or its equivalent, upon which rollers 18 are mounted to turn. When the two sections of the attachment are brought together, a circular opening is formed between the rollers 16 and 18, through which opening the mop being used is to be drawn for the purpose of pressing the water from it. The section *a'* is pivotally attached to the arm 11 of the fixed section *a*, and at one end of the section *a'* a handle 19 is secured, an arm 11 of the opposing section *a* being usually located at the end of the section against which the section *a'* is adapted to contact. The pivot-pin connecting the two sections is designated as 20 and is clearly shown in Fig. 1. Rollers 18 are also mounted in the inner end of the handle 19 and in a bracket at the end of the section *a'* next the arm 11 in which the pivot 20 is located.

At the free end of the body portion of the pivoted member *a'*, in that portion of said member which extends beyond the handle 19, a recess 21 is made, the recess being in the outer edge of the said body portion 17, as shown in dotted lines in Figs. 2 and 3. The recess 21 in the pivoted section of the attachment is adapted to register with a recess 22, made in the body portion 10 of the fixed section *a* of the attachment, and the two sections *a* and *a'* are preferably locked together

through the medium of a lever 23, which is pivoted on the supporting-arm 11 of the section *a* near the end where the pivoted section *a'* abuts, the said lever 23 being provided with a downwardly-extending finger or lug 24, which enters the recesses 21 and 22 of the two sections when the body portions of these two sections in which the recesses are made are carried one over the other, as shown in Fig. 2.

10 In the operation of the attachment when a mop is to be used the pivoted section *a'* is unlocked from the fixed section *a*. The mop is then placed in the bucket or pail, the head of the mop being within the space bounded by the rollers of the two sections of the attachment. The sections of the attachment are then locked together and the mop is drawn out from the pail through the central opening of the attachment in contact with the rollers 16 and 18, whereupon the liquid absorbed by the mop will be pressed out; but if it is desired to release the mop quickly at any time the pivoted section is unlocked from the fixed section of the attachment, and the mop may then be readily withdrawn from the pail—as, for example, when the mop is no longer required for cleaning purposes; but at all times when the mop is placed in the pail it is necessary that the pivoted section of the attachment should be separated or carried away from the fixed section.

In order that the pail may be held in a fixed position while the mop is being drawn through the wringing attachment for the pail, feet 25 are attached to said pail, extending horizontally therefrom at the bottom, upon which feet of the pail the feet of the operator may rest while the mop is being manipulated in the pail, thus holding said pail firmly on the support upon which it rests—as, for example, upon the floor.

Having thus described my invention, I

claim as new and desire to secure by Letters Patent—

1. A mop-wringing attachment for pails, comprising a section arranged for attachment to a pail, and a pivotal section, both sections being provided with rollers at their inner edges, and means for locking the two sections together, for the purpose specified.

2. A mop-wringing attachment for pails and like receptacles, consisting of pivotally-connected semicircular sections, a locking device for the two sections, rollers located at the inner edges of the sections, and arms projected from one of the sections, provided with clamps, for the purpose specified.

3. A mop-wringing attachment for pails and like vessels, consisting of two segmental pivotally-connected sections, both sections being provided at their inner edges with rollers, one section having arms projected therefrom and clamps attached to the said arms, the other section being provided with a handle whereby it may be readily opened from the opposing section, for the purpose specified.

4. A mop-wringing attachment for pails and like receptacles, consisting of pivotally-connected segmental sections, rollers held to revolve at the inner edges of the said sections, arms projected from one of the said sections, clamps adjustable upon said arms, a handle projected from the opposing section, each section being provided with recesses adapted to register, and a lock-lever pivoted upon one section and provided with a member arranged to enter the recesses of the two sections when said recesses are brought in registry, as specified.

FRANK TRIMBLE.

Witnesses:

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HARRY C. SANDUSKY.