

No. 716,262.

Patented Dec. 16, 1902.

J. M. MICHAUD.
FLOOR MOP.

(Application filed Aug. 26, 1902.)

(No Model.)

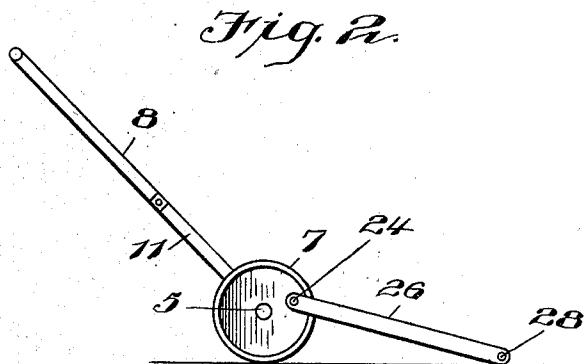
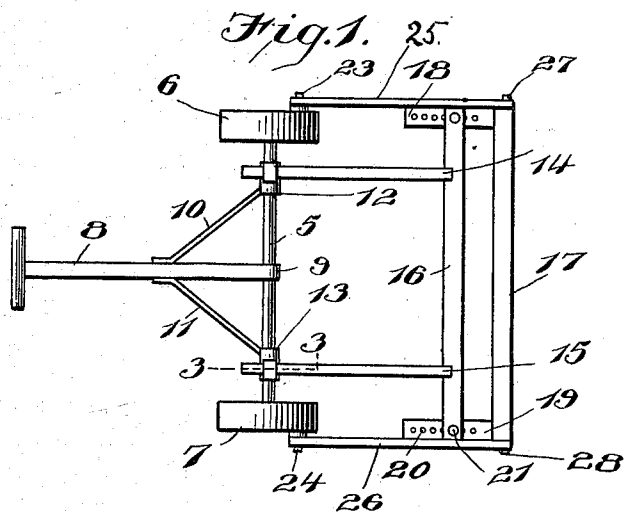
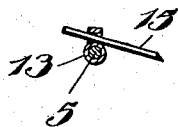


Fig 3



Witnesses
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UNITED STATES PATENT OFFICE

JANE M. MICHAUD, OF LA GARITA, COLORADO.

FLOOR-MOP.

SPECIFICATION forming part of Letters Patent No. 716,262, dated December 16, 1902.

Application filed August 26, 1902. Serial No. 121,125. (No model.)

To all whom it may concern:

Be it known that I, JANE M. MICHAUD, a citizen of the United States, residing at La Garita, in the county of Saguache, State of Colorado, have invented certain new and useful Improvements in Floor-Mops; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to floor-mops; and it has for its object to provide a device of this character which will permit of use while the operator is in a standing position and in which the scrubbing cloth or rag will be given a reciprocatory movement while the mop is being advanced over the floor.

A further object of the invention is to provide a construction in which the scrubbing rag or cloth may be easily and quickly applied and removed and which will accommodate large or small cloths or rags.

Other objects and advantages of the invention will be understood from the following description.

In the drawings forming a portion of this specification, and in which like numerals of reference indicate similar parts in the several views, Figure 1 is a top plan view of the mop. Fig. 2 is a side elevation of the mop. Fig. 3 is a section on line 3 3 of Fig. 1.

Referring now to the drawings, the present mop comprises an axle 5, having the wheels 6 and 7 fixed to its ends, said wheels having broad fellies, as shown, so that sufficient friction will exist between them and the floor to insure rotation of the wheels. For the axle there is provided a handle 8, having a bearing at its forward end in which the axle is journaled, said bearing being shown at 9. Braces 10 and 11 are attached to the handle and have bearings 12 and 13, in which the axle is also journaled. At the forward ends of the braces 10 and 11 and in the same castings that contain the bearings 12 and 13 for the axle are the bearings for reciprocatory rods or bars 14 and 15, which are slidably engaged therein, said bars 14 and 15, which may be termed "slide-bars," having a cross-bar 16 connected rigidly to their forward ends and projecting laterally therebeyond for a purpose to be presently explained. The cross-bar 16 forms one member of a clamp

for holding the mop cloth or rag and coöperates with a second bar 17, having plates 18 and 19 attached to its ends and projecting rearwardly and parallel, said plates having each a line of perforations 20 therein to receive clamping bolts or screws 21, which are engaged through the ends of the bar 16. The lines of perforations permit of adjustment of the clamping cross-bars toward and away from each other to clamp mop-cloths of different sizes. The wheels 6 and 7 have crank-pins 23 and 24 on their outer faces, with which are engaged pitmen 25 and 26, connected also to stub-shafts 27 and 28 at the ends of the clamping-bar 17. With this construction it will be seen that as the mop is pushed over the floor the wheels thereof will be rotated to actuate the pitmen and that the latter will in turn reciprocate the clamping-bars and therewith the mop cloth or rag, the slide-bars serving to prevent lateral displacement of the clamp. The result is that as the device is pushed over the floor the mopping cloth or rag is given a reciprocatory movement with a minimum of labor on the part of the operator.

It will be understood that in practice modifications of the specific construction shown may be made and that any suitable materials and proportions may be used.

What is claimed is—

1. A mop comprising an axle having wheels provided with crank-pins, a handle attached to the axle, slide-bearings carried by the axle, a mop-clamp, slide-bars attached to the clamp and engaged in the slide-bearings, and pitmen connecting the crank-pins and clamp.

2. A mop comprising an axle having wheels, a handle having a bearing in which the axle is journaled, braces for the handle having bearings in which the axle is received, said braces having also slide-bearings, a mop-clamp, slide-bars attached to the clamp and slidably engaged in the slide-bearings, crank-pins carried by the wheels, and pitmen engaged with the crank-pins and connected to the clamp for reciprocating the latter.

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

JANE M. MICHAUD.

Witnesses:

EDWARD P. JONES,
BENJAMIN DUVAL.