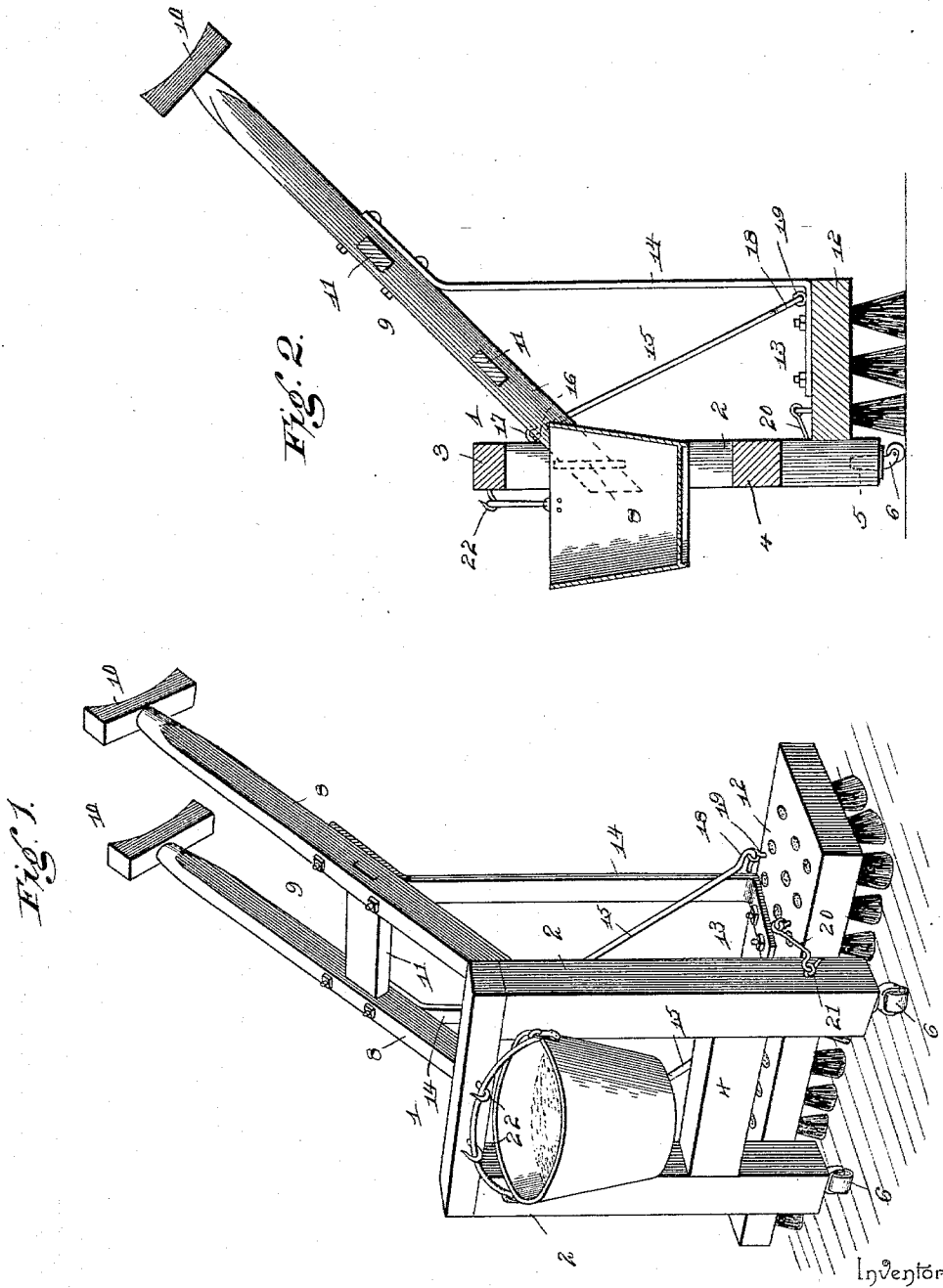


(No Model.)

T. J. BILLINGSLEY.
SCOURING MOP.

No. 552,980.

Patented Jan. 14, 1896.



Witnesses

John C. Shaw
[Signature]

By *his* Attorneys.

CA Snow & Co.

UNITED STATES PATENT OFFICE.

THOMAS J. BILLINGSLEY, OF LOGANSPORT, LOUISIANA.

SCOURING-MOP.

SPECIFICATION forming part of Letters Patent No. 552,980, dated January 14, 1896.

Application filed March 30, 1895. Serial No. 543,857. (No model.)

To all whom it may concern:

Be it known that I, THOMAS J. BILLINGSLEY, a citizen of the United States, residing at Logansport, in the parish of De Soto and State of Louisiana, have invented a new and useful Scouring-Mop, of which the following is a specification.

My invention relates to a scouring-mop, and the objects in view are to provide a simple and efficient construction of frame detachable from the mop-head and adapted, when in use, to support a pail containing water and provided with means for allowing the slow discharge of the water in the path of the mop.

Further objects and advantages of the invention will appear in the following description, and the novel features thereof will be particularly pointed out in the appended claim.

In the drawings, Figure 1 is a perspective view of a mop constructed in accordance with my invention. Fig. 2 is a vertical section of the same.

Similar numerals of reference indicate corresponding parts in both figures of the drawings.

1 designates an upright frame having side uprights 2 connected at their upper ends by a cross-bar 3 and near their lower ends by a brace 4, said uprights being provided in their lower ends with sockets 5 in which are fitted the shanks of casters or supporting-rolls 6. The uprights are provided at their inner sides and adjacent to their upper ends with keepers 7 in which are fitted the extremities of the side bars 8 of a handle 9, said side bars terminating in hand-holds 10. These side bars of the handle are connected at intervals by cross-bars 11 and are connected, respectively, with the back 12 of a mop-head 13 by means of metal straps 14. These straps are bolted at their upper and lower ends, respectively, to the side bars of the handle in the path of the mop-head. Brace-rods 15 are loosely connected at their upper ends by means of interlocking eyes 16 and 17, the latter forming parts of screw-eyes, and the uprights of the frame are provided at their lower ends with hooks 18 for engagement with eyes 19 on the mop-head near its rear edge, and swiveled or loosely connected to the mop-head are hooks 20 for engagement with staples or eyes 21

on the side edges of the uprights. By these means the mop-head is connected detachably to the frame, whereby the parts may be disconnected to provide for repairing the mop-head by the rearrangement or replacement of the bristles or shucks forming the scouring-face of the mop-head.

Swiveled in the cross-bar 3 upon opposite sides of its center are supporting-hooks 22 from which may be suspended a pail, as shown in the drawings, provided with a perforated bottom to allow the contents to fall in advance of the mop, the weight of this pail adding to the weight of the frame in securing a proper pressure of the mop bristles or shucks upon the surface to be cleansed, while the facility of moving the mop over such surface is assured by the casters or supporting-rolls at the bottom of the frame. More or less pressure may be exerted upon the mop by lowering or raising the rear ends of the handle-bars, for which purpose said handle-bars are extended rearwardly and upwardly from the upright frame over and beyond the mop and are connected by vertical braces with the rear edge of the mop-head. This construction provides for the application to the handle-bars of the weight of the operator as the mop is pushed across the floor.

From the above description it will be seen that the device is simple in construction, may be repaired with facility by the consumer, may be operated without difficulty to secure more or less pressure upon the surface to be scoured, and is of sufficient weight to insure proper pressure without unnecessary exertion upon the part of the operator, and that various changes in the form, proportion, and the minor details of construction may be resorted to without departing from the spirit or sacrificing any of the advantages of this invention.

Having described my invention, what I claim is—

The combination of a frame having side uprights, transversely opposite casters or supporting rolls arranged at the lower ends of said uprights, a mop-head detachably secured to the frame in rear of the casters or supporting rolls with its front edge in contact with said uprights, means for supporting a water-distributing device in front of the mop-head

and approximately in the vertical plane of the casters or supporting rolls, and handle bars secured at their front ends to the frame above the plane of the mop-head and extending rearwardly and upwardly over and beyond the mop-head and connected at intermediate points to the rear edge of the mop-head by vertical braces, whereby the desired depression of the mop-head may be secured by the application of downward pressure to the rear ends of the handle bars, said transversely opposite casters or supporting rolls

operating as a fulcrum and being held in contact with the surface traversed by the water-distributing device, substantially as specified.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

THOMAS J. BILLINGSLEY.

Witnesses:

W. H. BILLINGSLEY,
J. D. GORDON.