

(No Model.)

S. L. BERGSTRESSER.  
COMBINED MOP AND WRINGER.

No. 528,525.

Patented Nov. 6, 1894.

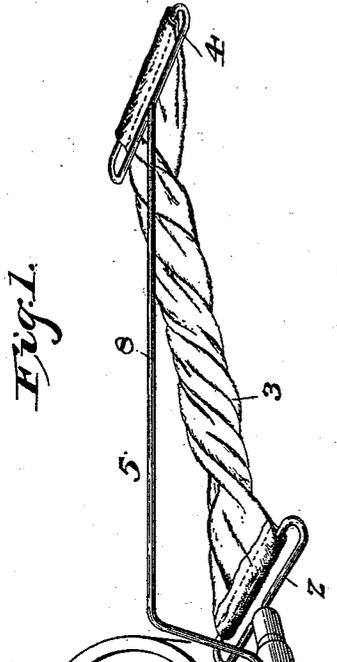


Fig. 1.

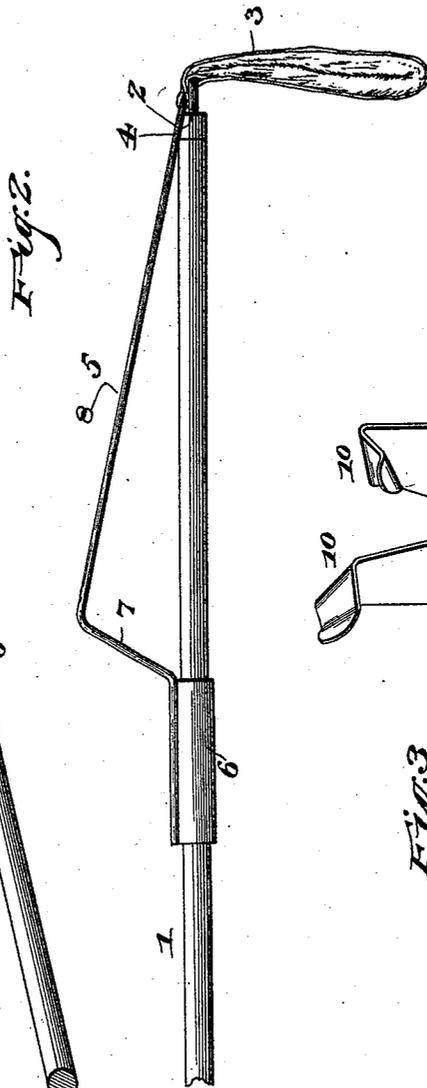


Fig. 2.

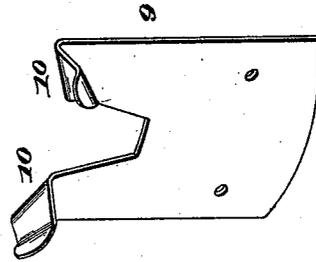


Fig. 3.

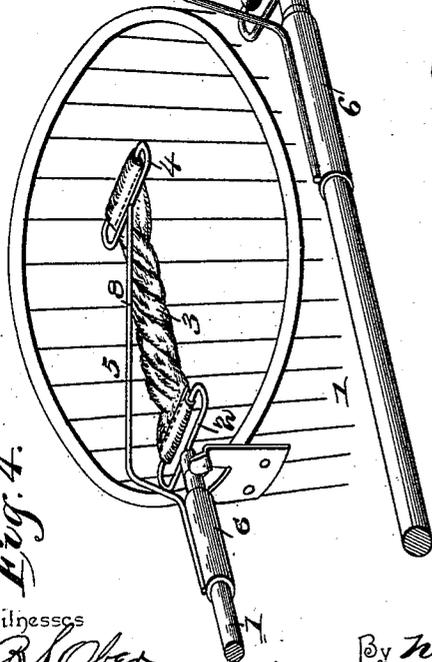


Fig. 4.

Witnesses

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# UNITED STATES PATENT OFFICE.

STEWART L. BERGSTRESSER, OF SMETHPORT, PENNSYLVANIA.

## COMBINED MOP AND WRINGER.

SPECIFICATION forming part of Letters Patent No. 528,525, dated November 6, 1894.

Application filed August 19, 1893. Serial No. 483,568. (No model.)

*To all whom it may concern:*

Be it known that I, STEWART L. BERGSTRESSER, a citizen of the United States, residing at Smethport, in the county of McKean and State of Pennsylvania, have invented a new and useful Combined Mop and Wringer, of which the following is a specification.

My invention relates to improvements in combined mops and wringers, the objects in view being to provide a simple, inexpensive, efficient, and compact construction, whereby the free end of the mop-cloth, or that end which is not attached directly to the handle, is held in a flat condition and is prevented from turning during the rotation of the handle to wring the cloth.

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

In the drawings:—Figure 1 is a perspective view of a mop and wringer constructed in accordance with my invention, showing the arrangement of the parts when the mop-cloth is twisted for wringing. Fig. 2 is a side view showing the parts arranged for use. Fig. 3 is a detail perspective view of a mop-support designed to be attached to a tub or receptacle. Fig. 4 is a perspective view of a mop embodying my invention showing its position when not engaged with a supporting plate attached to the side of a pail.

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

1 designates a mop handle provided at its extremity with a transversely elongated loop 2, to which is attached one end of a mop-cloth 3, whereby said mop-cloth is held extended laterally to prevent bunching. Slidably mounted upon the handle above said loop 2 is a sleeve 6 which carries one end of an offset holding-rod 5 terminating at its front end in a laterally elongated loop 4, to which is attached the opposite end of said mop-cloth. This holding-rod may be of twisted or plain wire, and is preferably of spring metal, whereby its looped end is held firmly in contact with the loop 2 of the handle when the loops 2 and 4 are arranged in contact, as shown in Fig. 2, and the offset portion of this rod is preferably arranged adjacent to the sleeve 6,

whereby when the handle is drawn back to bring the loop 2 adjacent to the sleeve 6, said handle may be turned independently of the holder, said offset forming sufficient clearance for the loop 2, as shown in Fig. 1.

The preferred shape of the holding-rod is as shown in the drawings, in which 7 represents an inclined portion which diverges gradually from the line of the handle as it recedes toward the sleeve, and 8 represents an abruptly inclined portion, by which the rear extremity of the inclined portion 7 is connected to the sleeve.

Inasmuch as the tendency of the spring holding rod is toward the line of the handle it is obvious that when the latter is extended to bring its loop 2 adjacent to the loop 4, the loop 4 will be pressed firmly against the side of the said loop 2, and independent rotation of the handle will be prevented. Thus the holder, which in the description of this device refers to the spring holding-rod, the sleeve, and the loop 4, serves as a lock to prevent the rotation of the handle when the mop is in operative position and therefore when it is in use, while allowing free rotation of said handle when the latter is drawn back to extend the mop-cloth preparatory to wringing the latter.

The mop may be supported over a pail or tub, or similar receptacle for wringing, by a plate 9, which is designed to be secured to such receptacle at the upper edge thereof, and to project above the same. The supporting plate has its upper portion bifurcated, and is adapted to receive the mop in the bifurcation; and the arms 10 at the sides of and formed by the bifurcation, have their upper ends bent outward as shown.

It will be seen that the combined mop and wringer is simple and comparatively inexpensive in construction, and that its strength, durability and efficiency are greatly increased by offsetting the sliding rod to clear the mop cloth.

Changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle, or sacrificing any of the advantages of this invention.

What I claim is—

1. The combination of a holder having a sleeve and an offset spring-rod terminating at

its front end in a laterally elongated loop, a mop handle rotatably fitted in said sleeve and terminating in a laterally elongated loop, and a mop-cloth secured at its extremities respectively to said loops, whereby when the loop carried by the handle is opposite the offset portion of the holding-rod the handle may be rotated to twist the mop-cloth, and when the loop carried by the handle is in contact with the loop at the extremity of said rod the handle is held from rotation, substantially as specified.

2. A support for mops consisting of a plate

adapted to be secured to a receptacle and having a bifurcated upper portion and having the upper ends of the arms formed thereby bent outwardly and upwardly, forming a support and stop substantially as described.

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

STEWART L. BERGSTRESSER.

Witnesses:

C. R. SPRAGUE,  
JOHN N. APPLE.