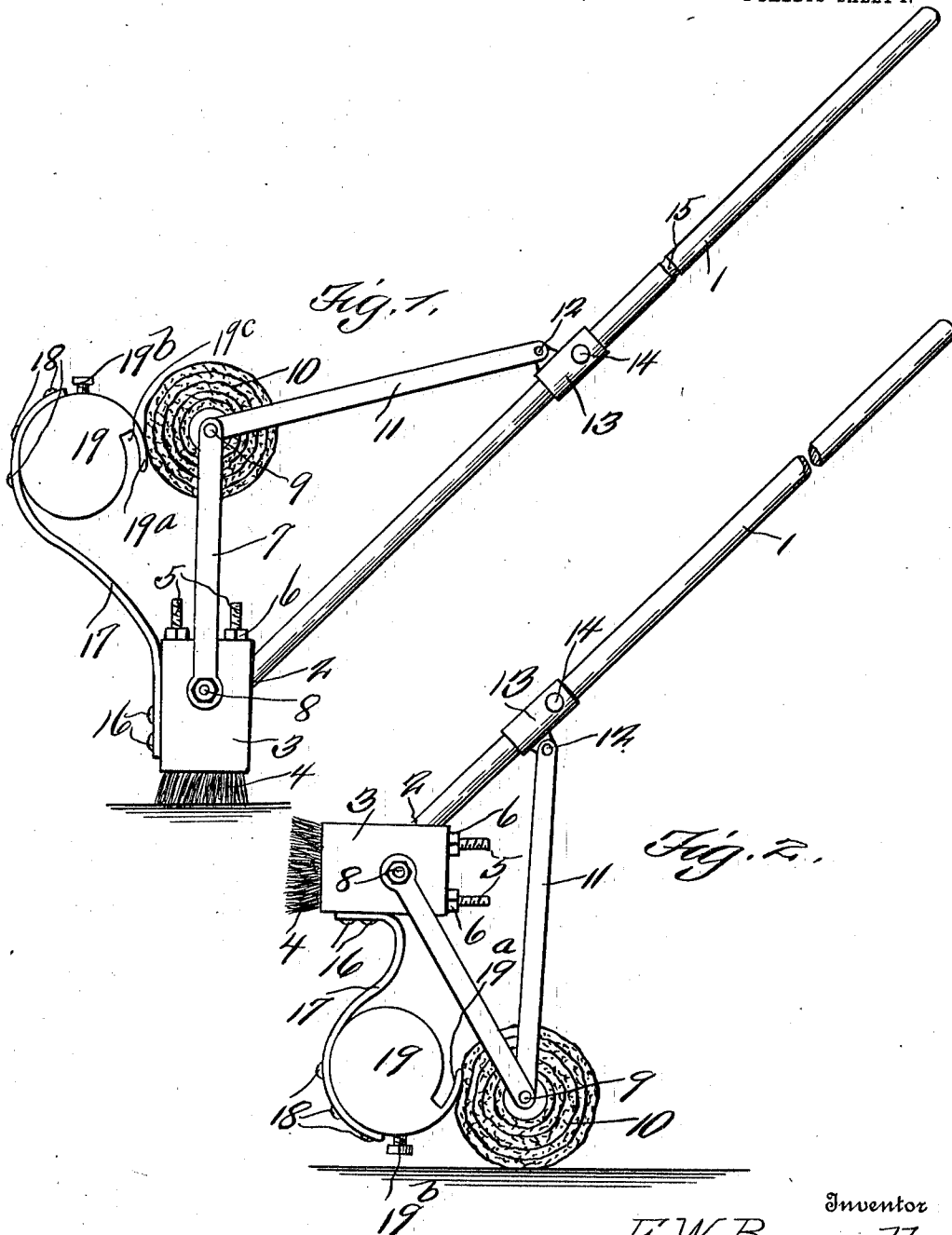


E. W. BARNWELL.
COMBINATION SCRUB BRUSH AND MOP.
APPLICATION FILED JULY 13, 1912.

1,059,427.

Patented Apr. 22, 1913.

2 SHEETS—SHEET 1.



Witnesses

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C. E. Clement.

Inventor
E. W. Barnwell,
By *D. Swift & Co.*

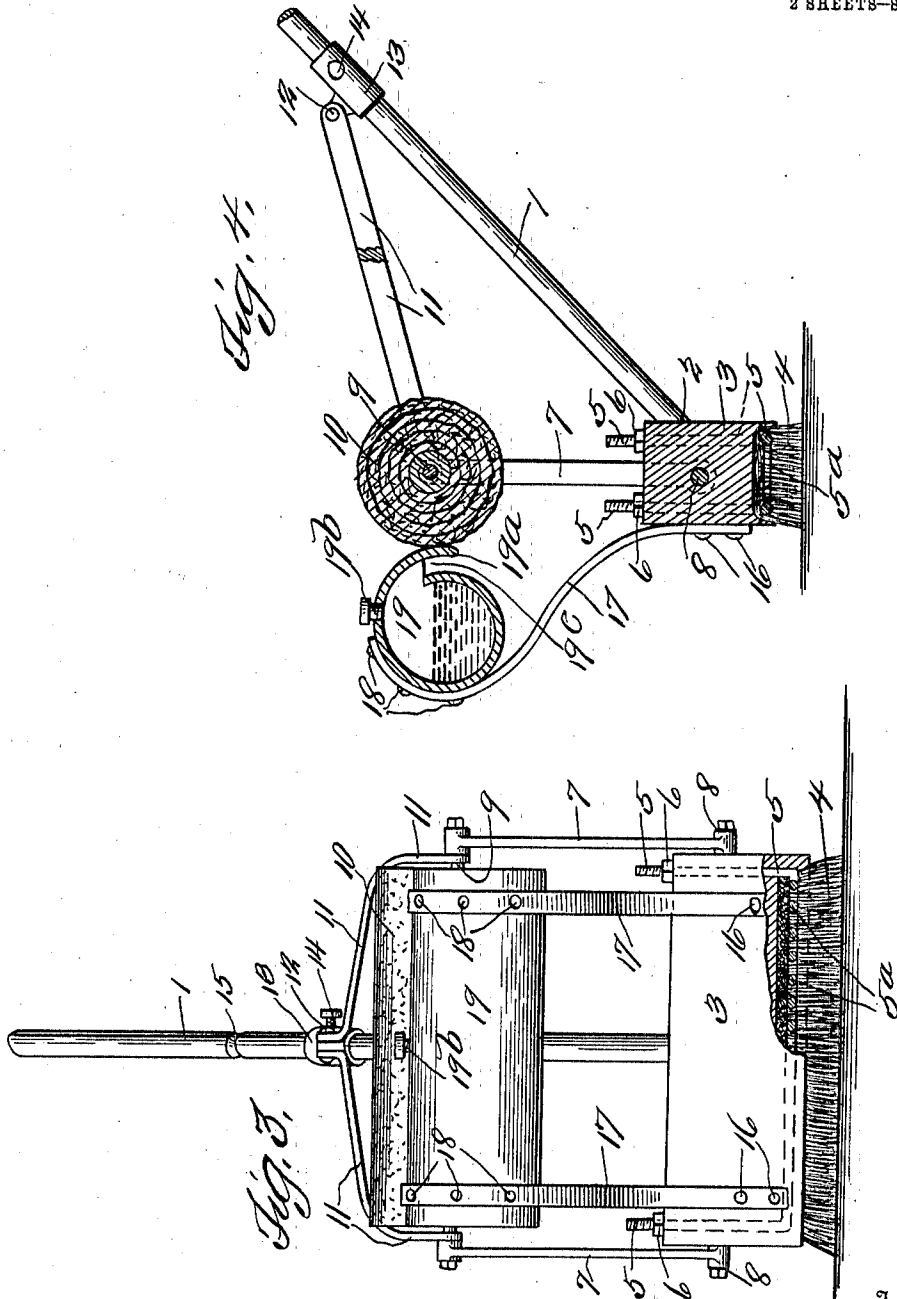
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UNITED STATES PATENT OFFICE.

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COMBINATION SCRUB-BRUSH AND MOP.

1,059,427.

Specification of Letters Patent.

Patented Apr. 22, 1913.

Application filed July 13, 1912. Serial No. 709,139.

To all whom it may concern:

Be it known that I, EDWARD W. BARNWELL, a citizen of the United States, residing at Lake Park, in the county of Lowndes and State of Georgia, have invented a new and useful Combination Scrub - Brush and Mop; 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 a new and useful combination scrub-brush and mop having a drum to contain soapy water or other fluid necessary for scrubbing.

It is the primary object of this invention to provide a device of this nature for scrubbing a floor or the like, and then by inverting the device the floor may be mopped, and while the floor is being scrubbed, the necessary fluid is automatically supplied, and the fluid which has been absorbed by the mop is adapted to be squeezed or returned back into the fluid receptacle or drum from the mop.

The invention comprises further features and combination of parts, as hereinafter set forth, shown in the drawings and claimed.

In the drawings:—Figure 1 is a side elevation of the improved scrubbing and mopping device constructed in accordance with the invention. Fig. 2 is a side elevation, showing the scrubbing and mopping device inverted and the mop in operation. Fig. 3 is a front elevation. Fig. 4 is a vertical sectional view through the scrubbing and mopping device.

Referring more especially to the drawings 1 designates the handle of the improved scrubbing and mopping device, which is connected in any suitable manner as at 2 to the wood portion 3 of the scrubbing brush, the bristles 4 of which are secured to the wood portion by the staples 5, which are provided with nuts 6. Pivoted on each end of the wood portion 3 are the bars or arms 7. The pivots of these arms or bars are denoted by the numeral 8. Mounted in the upper ends of the arms or bars 7 is a rod 9, on which is journaled the roller mop 10. Also connected to the rod 9 are the bars 11, which are in turn connected, as at 12 to the sleeve 13. This sleeve 13 is slidably mounted upon the handle 1, and is provided with a set screw 14, which holds the sleeve in adjusted positions on the handle 1. When it is desired

to hold the roller mop out of coöperation, with the fluid drum 19, the sleeve 13 is adjusted upon the handle 1, so that the set screw 14 may enter the annular groove 15 of the handle.

Secured at 16 to the wood portion 3 of the brush are spring arms 17, which are connected at 18 to the fluid drum 19, which is adapted to contain the necessary scrubbing fluid. The fluid drum is so constructed that as the scrubbing device is reciprocated over the floor, the fluid will be agitated and spashed or thrown from the drum upon the floor. After thoroughly scrubbing the floor, and it is desired to mop the same, the apparatus is inverted, so that the roller mop may be brought in play, whereby the floor may be mopped. After mopping one portion of the floor, and it is desired to scrub another portion, the apparatus is again inverted back to its former position, and while the other portion of the floor is being scrubbed, the mop may be thrown against the fluid drum, by adjusting the sleeve 13 in the desired manner, against the fluid drum, in order to press or squeeze the fluid or moisture from the mop into the drum as shown in Fig. 2.

The fluid drum is provided with an opening, which is closed by a threaded plug 19^b, through which opening the fluid may be poured if desired without pouring it through the opening 19^a. The fluid drum is provided with a spring lip 19^c, against which the mop may be pressed, either when the mop is in use or when the brush is in use. The staples 5 are provided with cross bars 5^a, which further assist in holding the bristles in place.

The invention having been set forth, what is claimed as new and useful is:—

1. In combination, a handle, a fluid drum, means for supporting the drum upon a portion of the handle, a roller mop, means pivoted to the handle for supporting the mop relatively to the handle and adjacent the drum, and a device adjustable on the handle and having connections with the supporting means of the mop for throwing the mop toward and from the drum.

2. The combination of a handle, a receptacle carried by the handle and adapted to receive water from a mopping roll, a sleeve adjustably mounted on the handle, arms pivoted to the handle and carrying a mopping roller, and bars connecting the arms with the sleeve whereby the relative positions of

the mopping roll and the receptacle may be controlled by adjustment of the sleeve.

3. The combination of a handle, a receptacle yieldably supported relatively to the handle and adapted to receive fluid from a mopping roll, a sleeve adjustably mounted on the handle, arms pivoted to the handle, a rod journaled in the free ends of said arm, a mopping roller mounted on said rod, bars connecting said arms with the sleeve, where-
by the relative positions of the mopping roller and the receptacle and the pressure of

the former against the latter may be controlled by adjustment of the sleeve, and means on the sleeve adapted to engage the handle for holding the sleeve in such adjusted positions.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

EDWARD W. BARNWELL.

Witnesses:

J. G. CRUNFORD,

W. C. LANE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."