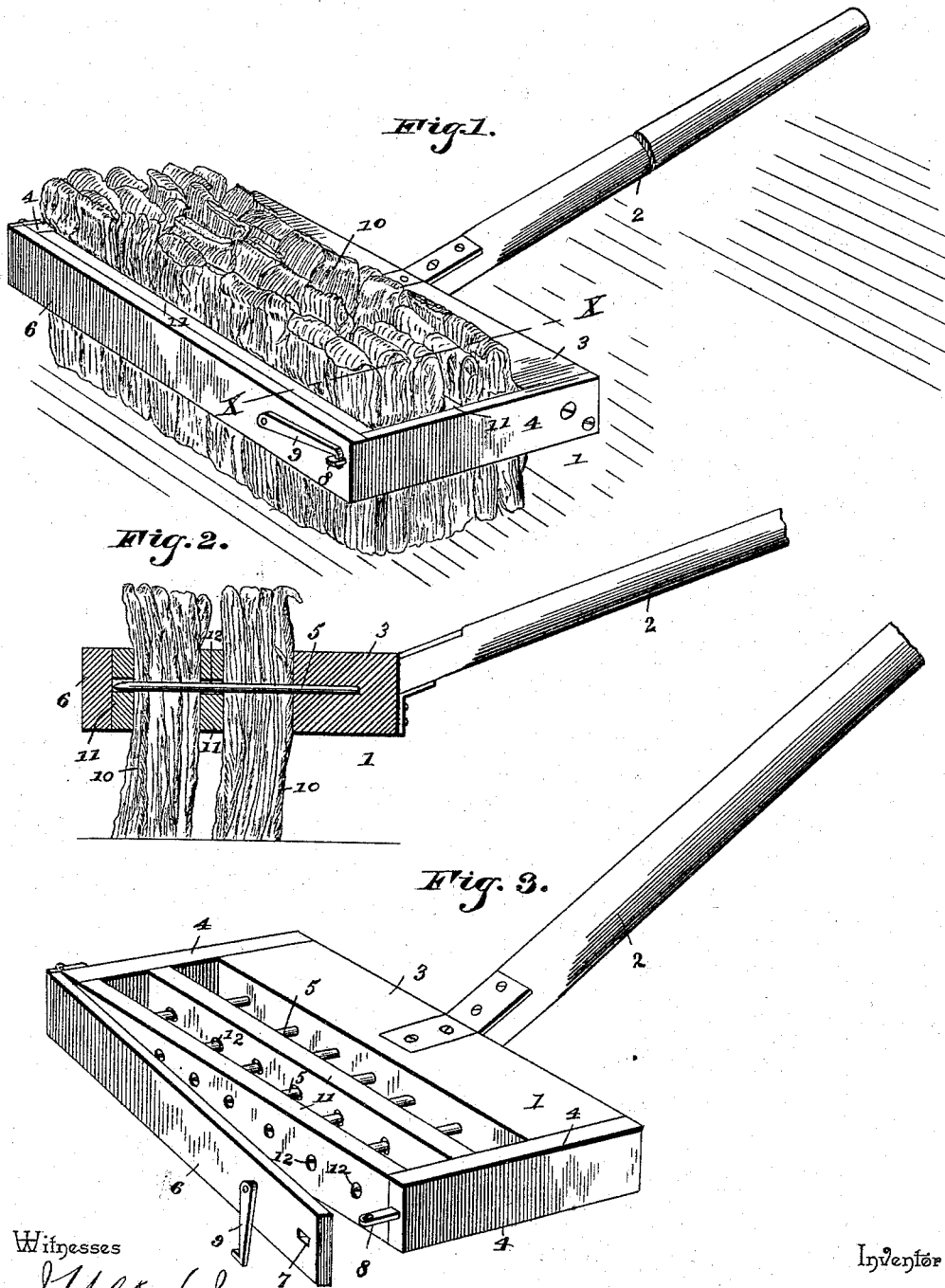


(No Model.)

J. T. SATTERWHITE.
MOP.

No. 492,339.

Patented Feb. 21, 1893.



Witnesses

Wm. J. Miller, Jr.
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UNITED STATES PATENT OFFICE.

JOHN T. SATTERWHITE, OF FIVE POINTS, ALABAMA.

MOP.

SPECIFICATION forming part of Letters Patent No. 492,339, dated February 21, 1893.

Application filed August 10, 1892. Serial No. 442,712. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. SATTERWHITE, a citizen of the United States, residing at Five Points, in the county of Chambers and State of Alabama, have invented a new and useful Mop, of which the following is a specification.

This invention relates to certain new and useful improvements in mops, and has for its object to simplify the construction of devices of the character set forth and provide in connection therewith conveniently operative and positively acting locking means for separably holding the scrubbing material therein, and with this object in view the invention consists of the construction and arrangement of the parts as will be more fully hereinafter described and claimed.

In the drawings:—Figure 1 is a perspective view of the improved mop shown in position for use. Fig. 2 is a cross sectional view on the line *x. x.* of Fig. 1. Fig. 3 is a perspective view of the mop head with the parts thereof opened and the scrubbing material removed.

Similar numerals of reference are employed to indicate corresponding parts in the several figures.

Referring to the drawings, the numeral 1, designates the head of the mop having a handle 2 secured thereto. The head of the mop consists of a rear stout block 3 to which the said handle 2 is centrally attached and having side bars 4 secured to the opposite ends thereof and extending forwardly therefrom. A series of horizontally disposed securing rods or spikes 5 extend forwardly from the central portion of the front edge of the block 3 and terminate in line with the front ends of the side bars 4, said spikes being arranged in parallel lines and adapted to pass through the scrubbing material which may consist of corn shocks as shown, grass, textile fabric, or other suitable material which is held in place by the said rods or spikes and projected a sufficient distance below the under side of the head. To the front end of one of the bars 4 is hinged one end of a clamping bar 6, having the opposite end thereof formed with an opening 7 for the passage therethrough of a securing eye or staple 8, horizontally extending from the front end of the oppositely situated bar 4, and adapted to be engaged by a hook 9 pivoted to the front side of the clamping

bar 6 to thereby lock the latter closed against the front of the head of the mop. The scrubbing material 10 is preferably arranged in rows and spaced apart and held in firm position by interposed tension bars 11, which as shown, are arranged between the rows and exterior of the outer row adjacent to the clamping bar 6. These tension bars are formed with a series of openings or holes 12 which are spaced apart in such manner as to align with and loosely fit over the rods or spikes 5, and it will be seen that the pressure of the clamping bar 6 against the head and the outer tension bar, when said clamping bar is in locked position, will be exerted against the scrubbing material and the interposed tension bar between the rows and thereby hold said scrubbing material firmly together and provide a practicable and tightly positioned scrubbing surface. The said rods or spikes 5 are rigidly positioned and held at their rear ends, while the front ends of the same are pointed so that the mopping material may be strung thereon and held against disengagement even though the tension-bars be loosened or relieved from their pressure against said mopping material, whereby the said mopping material cannot be accidentally dragged out from the mop-head. The tension-bars are loosely mounted on the rods or spikes and may be removed at any time by being withdrawn from the front ends of the said rods or spikes, and it will be further observed that the side-bars of the head inclose the said parts and prevent the mopping material from being dragged out laterally, and thereby form a more rigid support for the same.

The arrangement of the parts of the mop heretofore set forth is of such a simple nature that it may be readily adjusted and operated by any one with comparatively little trouble or expense and when in use is effective in its desired operation.

Having thus described the invention, what is claimed as new is—

In a mop, the combination of a transverse solid head or block 3, and a handle rigidly secured thereto, the series of horizontally-disposed pointed rods or spikes secured rigidly to the said head or block, side-bars 4 secured to the said head or block, the series of removable tension-bars provided with aligned per-

forations to receive the spikes or rods, said tension-bars being guided between the side-bars and held against longitudinal displacement thereby, and the clamping-bar 6 hinged
5 at one end to the front end of one of the side-bars and provided with a lock or catch at the opposite end to removably engage a corresponding device at the front end of the opposite side-bar and operating in a horizontal
10 plane, the said mop being adapted to removably receive mopping material that is strung

on the said rods or spikes and held firmly in position by the tension-bars interposed between the same and the front clamping-bar, 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.

JOHN T. SATTERWHITE.

Witnesses:

J. B. RAMAGE,
A. L. COX.