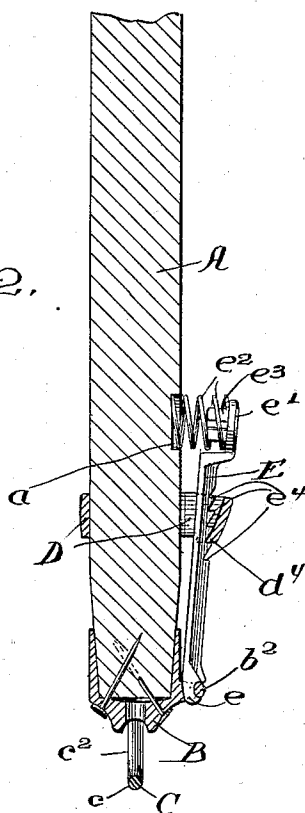
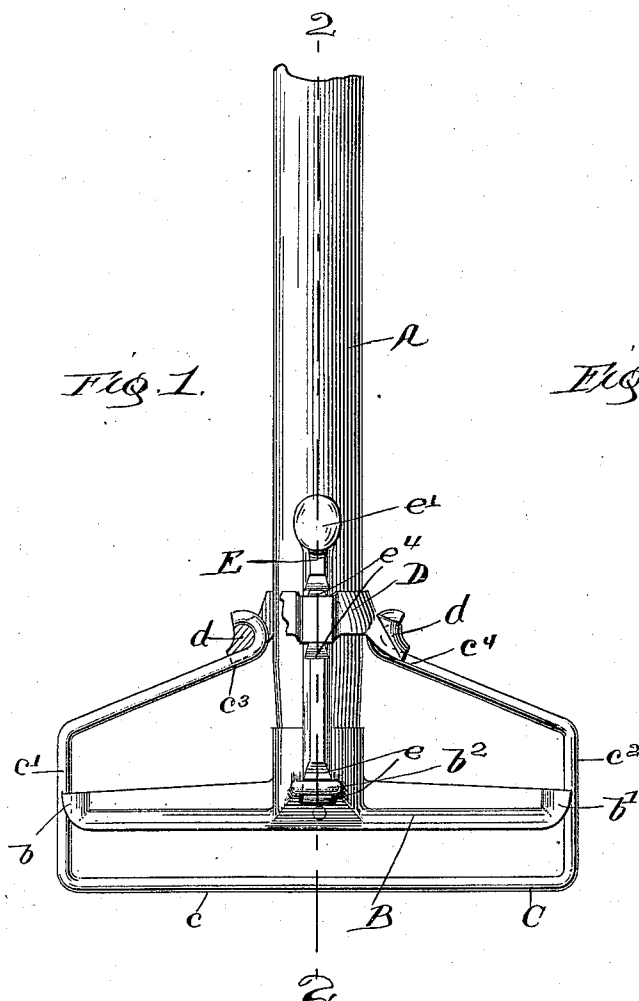


(No Model.)

C. MORGAN.
MOP HEAD.

No. 553,354.

Patented Jan. 21, 1896.



Witnesses:

Chas. O. Hervey,
A. J. H. E. Olsen

Inventor:

Charles Morgan,
by Miss M. M. B. B. B.
His Atty.

UNITED STATES PATENT OFFICE.

CHARLES MORGAN, OF FREEPORT, ILLINOIS, ASSIGNOR TO THE ARCADE
MANUFACTURING COMPANY, OF SAME PLACE.

MOP-HEAD.

SPECIFICATION forming part of Letters Patent No. 553,354, dated January 21, 1896.

Application filed June 28, 1895. Serial No. 554,347. (No model.)

To all whom it may concern:

Be it known that I, CHARLES MORGAN, a citizen of the United States of America, residing at Freeport, in the county of Stephenson and State of Illinois, have invented certain new and useful Improvements in Mop-Heads, of which the following is a specification.

My invention relates to certain improvements in mop-heads; and it consists in a certain new construction fully described below and pointed out in the appended claims.

The drawings presented herewith show my preferred construction by means of two figures, of which—

Figure 1 is a side elevation of the same, and Fig. 2 is a section in line 2 2 of Fig. 1.

In the drawings, A is a mop-handle terminating in a cross-head B, against which the mop-rags are to be held by means of a wire loop C, the lower horizontal portion of which is opposed to the cross-head B when the rags are clamped in position. The loop C is preferably composed of wire bent to form a horizontal portion *c*, end portions *c'* *c''*, which slide vertically and are guided by means of slight sockets *b b'* in the opposite ends of the head, and hooks *c³ c⁴*, which are bent inward and upward and engage with eyes *d* upon a collar D, which encircles the handle and is sufficiently large to move freely thereon. Within this collar is a ratchet-lever E, provided at one end with a hook *e*, which hooks into an eye *b²* upon the cross-head B, and the other end of the lever is formed into a handle *e'* which is pressed away from the mop-handle by means of a coiled spring *e²*, held in place by a lug *e³* beneath the lever-handle *e'* at one end,

and at the other end by a socket *a* in the handle proper, A.

Upon the outside of the lever E are a series of ratchet-teeth *e⁴* adapted to engage an in-turned point or edge *d⁴* upon the collar D.

In operation the loop C is held in any desired position by means of the ratchet-lever E, which engages with the collar D. This engagement, however, may be released by pressing inward upon the lever-handle *e'* and the position of the horizontal portion *c* of the loop C regulated at will.

I claim as new and desire to secure by Letters Patent—

1. The combination in a mop-head, of the handle, A, the cross-head, B, the collar, D, the loop, C, having the horizontal portion, *c*, the end portions, *c'*, *c''*, and hooked to the collar, D, the ratchet lever, E, hinged to the cross-head and provided with ratchet teeth to engage the collar, and a spring interposed between it and the handle to keep up the engagement between the lever and the collar; substantially as described.

2. The combination with the handle, A, of the cross head, B, having the end sockets, *b*, *b'*, and eye, *b²*, the lever, E, having the hook, *e*, and the ratchet teeth, *e⁴*, the spring, *e²*, the loop, C, the collar, D, having ears, *d*, to which the ends of the loop are hooked, and a tooth, or edge, *d⁴*, adapted to engage the ratchet teeth, *e⁴*; substantially as described.

CHARLES MORGAN.

Witnesses:

FRIEDERICH HANSEN,
RUDOLPH LABUDDE.