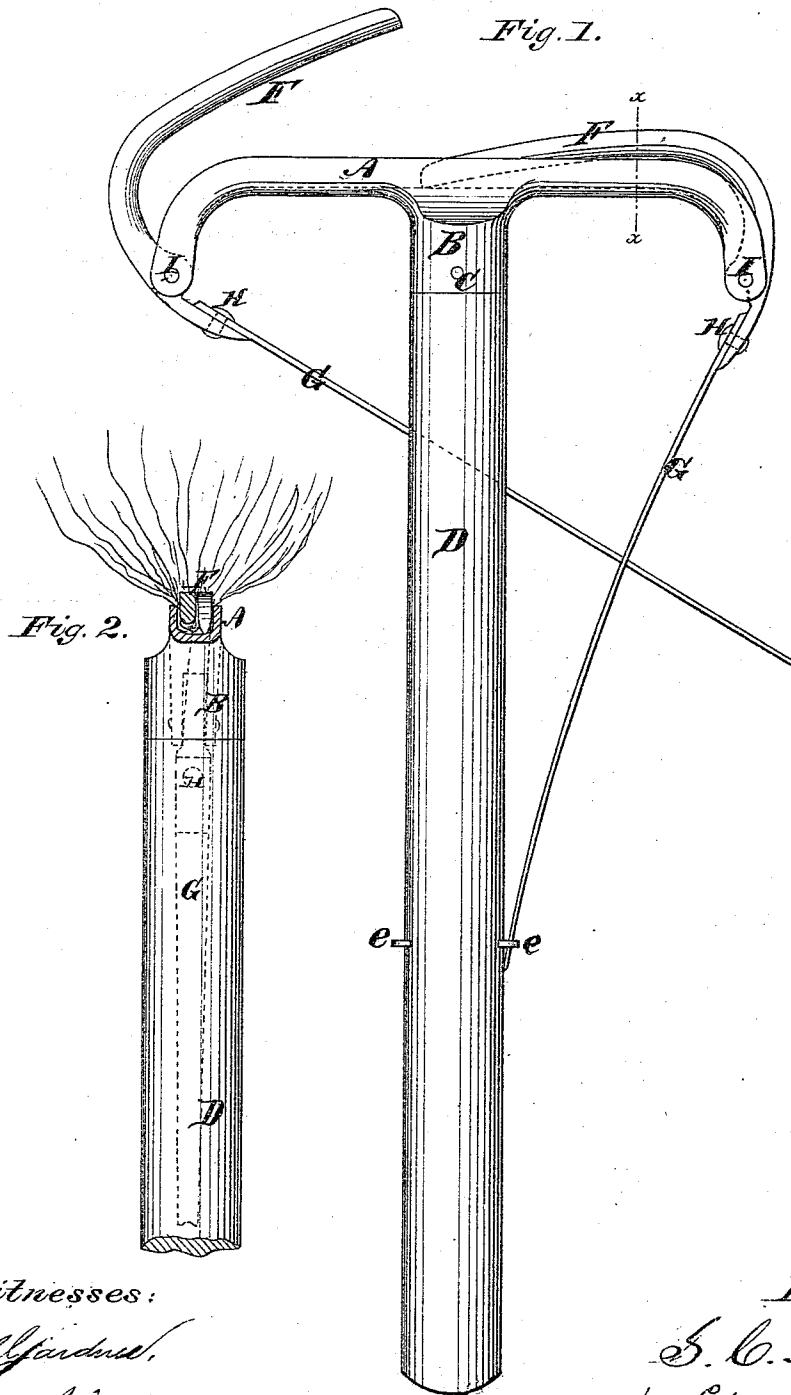


S. C. KETCHUM.

Improvement in Mop-Heads.

No. 125,895.

Patented April 23, 1872.



Witnesses:
W. J. Adams,
J. W. Williams

Inventor:
S. C. Ketchum
per *Edw. W. Dunn*
D. J. Adams.

UNITED STATES PATENT OFFICE.

STEPHEN C. KETCHUM, OF WINCHENDON, MASSACHUSETTS, ASSIGNOR OF ONE-HALF INTEREST TO J. J. G. BALL, OF SAME PLACE.

IMPROVEMENT IN MOP-HEADS.

Specification forming part of Letters Patent No. 125,895, dated April 23, 1872.

Specification describing certain Improvements in Mop-Heads, invented by STEPHEN C. KETCHUM, of Winchendon, in the county of Worcester and State of Massachusetts.

My invention relates to the double swinging binder and spring-lever, acting in combination with a grooved head so as to hold the mop in such manner that the head cannot hit the floor or mop-board, and also to enable the operator to adjust the mop with ease and safety.

It will be seen by reference to the accompanying drawing that Figure 1 represents a side view of head; Fig. 2, an end view with mop in.

A is the head; B, the socket; C, pin to hold handle in socket; D, the handle; *e e*, catches to hold the upper end of springs; F F, the binders; G G, the springs; H H, the rivets to hold the springs to binders; I I, rivets to hold the binders in head.

The right side of view represents the binder and spring in position to hold the mop, while the left side shows the spring lifted from the catch on the handle and thrown down ready to receive the mop.

I do not claim the grooved iron head or socket; but

I claim as my invention—

1. The combination of the binders F F, springs G G, and catches *e e*, constructed substantially as and for the purpose described.

2. The combination of the grooved mop-head A, having curved and slotted ends, with the binders F F, springs G G, catches *e e*, and handle D, all constructed and arranged substantially as shown and described.

STEPHEN C. KETCHUM.

Witnesses:

E. S. MERRILL,
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