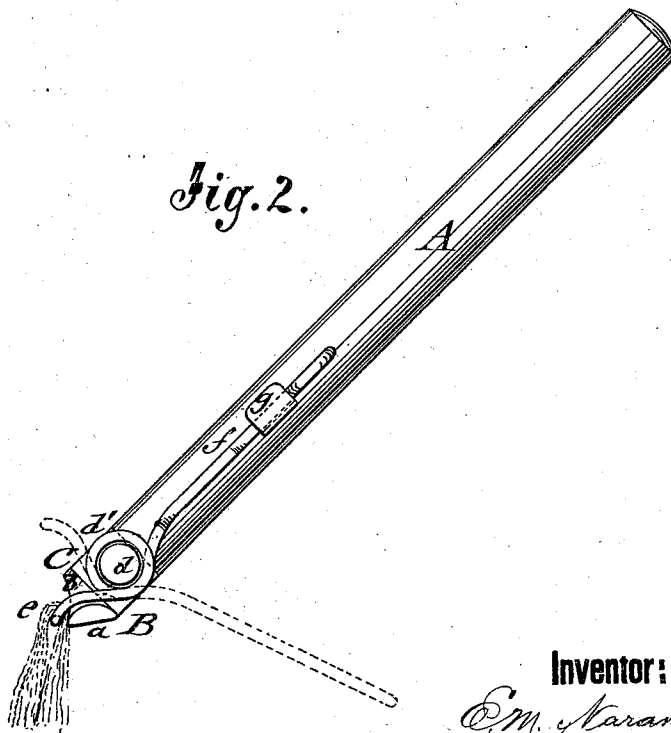
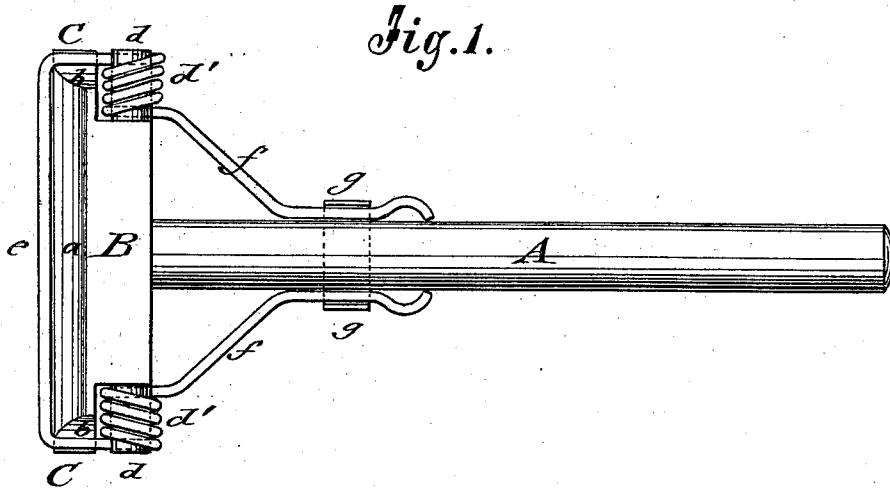


E. M. NARAMORE.

Mop-Holders.

No. 143,633.

Patented Oct. 14, 1873.



Witnesses:

A. Benneken
Sedgwick

Inventor:

E. M. Naramore
Per *[Signature]*
Attorneys.

UNITED STATES PATENT OFFICE.

ELON M. NARAMORE, OF UNDERHILL, VERMONT.

IMPROVEMENT IN MOP-HOLDERS.

Specification forming part of Letters Patent No. **143,633**, dated October 14, 1873; application filed August 4, 1873.

To all whom it may concern:

Be it known that I, ELON M. NARAMORE, of Underhill, in the county of Chittenden and State of Vermont, have invented a new and Improved Mop-Holder, of which the following is a specification:

In the accompanying drawing, Figure 1 represents a front view of my improved mop-holder; and Fig. 2 a side view of the same.

Similar letters of reference indicate corresponding parts.

The object of my invention is to construct an improved mop-holder, by which the mop is firmly bound to, and easily taken off for cleaning from, the mop-head. My invention consists of a lateral head-piece, attached to a mop-stick, between which and a wire clamp the mop is tightly held. The wire clamp is provided with coiled springs, which swing side-wise on pivots of the head-piece, with upward-extending parts hooked to the sides of the handle.

In the drawing, A represents the mop stick or handle; B, the lateral head-piece, which is suitably and firmly applied at the end of stick A. The front part A of piece B is provided with a beveled edge, which is straight at the lower part for sliding along the floor, and concave at the upper side. The front part *a* has also recesses *b* at both sides, for the more complete fitting of the fore part of clamp C thereto. Pivots *d* are placed sidewise of piece B in the

rear of front part *a*, by which clamp C swings when the mop is adjusted on piece B. The clamp C is made of suitable wire, which is coiled around pivots *d*, its abutting fore part *e* between coiled springs *d'* passing along the edge of front part *a*, and holding the mop tightly in the concave part of the same. Legs *f* extend upward to handle A from coiled springs *d'*, being bent in such a manner that the ends are parallel to handle A, and provided with eyes or other curved parts, by which legs *f* may be held and carried into hooks *g* applied at both sides of handle A.

The action of springs *d'* presses them firmly into hooks *g*, and holds, also, tightly to the mop-head B. On disconnecting the legs *f* from hooks *g* clamp C may be swung on pivots *d*, so that the mop may be detached for cleaning.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

In combination with handle A and mop-head B the clamp C, which swings on pivots *d* of head B, and holds, by its spring action, the mop tightly thereon, substantially as and for the purpose described.

ELON M. NARAMORE.

Witnesses:

L. P. CARLETON, Jr.,
M. H. WINCHELL.