

E. Chapman,

Broom.

No. 107,336.

Patented Sep. 13. 1870.

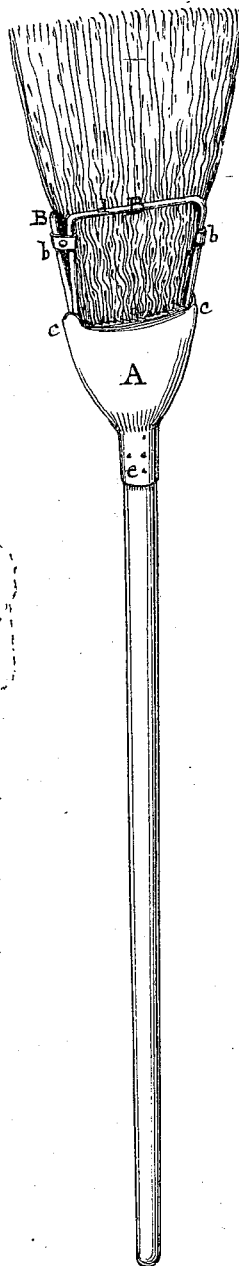


Fig. 1.

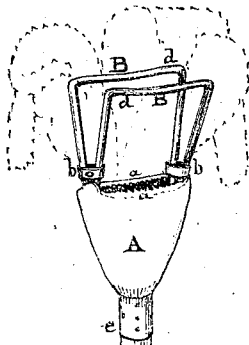


Fig. 3.



Fig. 2.

Witnesses—
Thomas Taylor,
John Watson.

Eugene Chapman
Inventor,
by Edmund Thurlow
his Attorney in Law

United States Patent Office.

EUGENE CHAPMAN, OF LACON, ILLINOIS.

Letters Patent No. 107,336, dated September 13, 1870.

IMPROVED BROOM OR MOP-CLAMP.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern :

Be it known that I, EUGENE CHAPMAN, of Lacon, in the county of Marshall, in the State of Illinois, have invented a new and useful Broom or Mop-Clamp; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification, in which like letters of reference refer to like parts, and in which—

Figure 1 represents my convertible broom or mop-clamp, in perspective.

Figure 2, a cross longitudinal section.

Figure 3, perspective view of the clamp, indicating its use as a mop-clamp.

This invention consists of a clamp closed with sliding rings at either side, which slide along its exterior rods or arms, the ends of the latter being fastened to the angles of the conical base, which receives the stumps of the "broom-brush," or the mop material.

A represents a conical receiver for the "brush," or the mop-rags, made of sheet-iron, tin, or other convenient material, which terminates at the smaller end in a tube or socket, *e*, which receives the handle, to which it may be secured by punching the metal inward in several places with a sharp-pointed instrument.

The mouth of the conical receiver has lips, *a a*, which are bent inward at an angle and serrated, so as to retain the inserted broom-brush or rags, as the case may be.

B B are stirrup-shaped clamps, made of strong wire, or iron rod, the corresponding ends of the same being secured together to the angles of the mouth of the cone A by pairs on either side.

The outer opposing jaws *d d* are forced together by means of slip-rings or hoops, *b b*, which embrace that part of the clamp, on either side, between the origin of the rods at the cone and the jaws *d d*.

The operation of this convertible broom and mop-clamp is almost too obvious to need description, but the broom-corn is inserted into the cone A, the serrations *a a* not allowing any escape of the brush. When full the jaws *d d* are brought together by forcing the rings *b b* toward the jaws *d d*, which secures the brush. When the latter is worn out, fresh brush may be inserted.

The same process is applicable to the insertion of mop-rags when the device is used for a mop-clamp.

What I claim as my invention is—

A convertible broom or mop-clamp, when composed of the conical receiver A, its socket *e*, and serrated lips *a a*, in combination with the clamp B B, substantially as and for the purposes described.

In testimony that I claim the foregoing broom and mop-clamp, I have hereunto set my hand this 30th day of July, A. D. 1870.

EUGENE CHAPMAN.

Witnesses:

M. P. CHAPMAN,
H. W. WELLS.