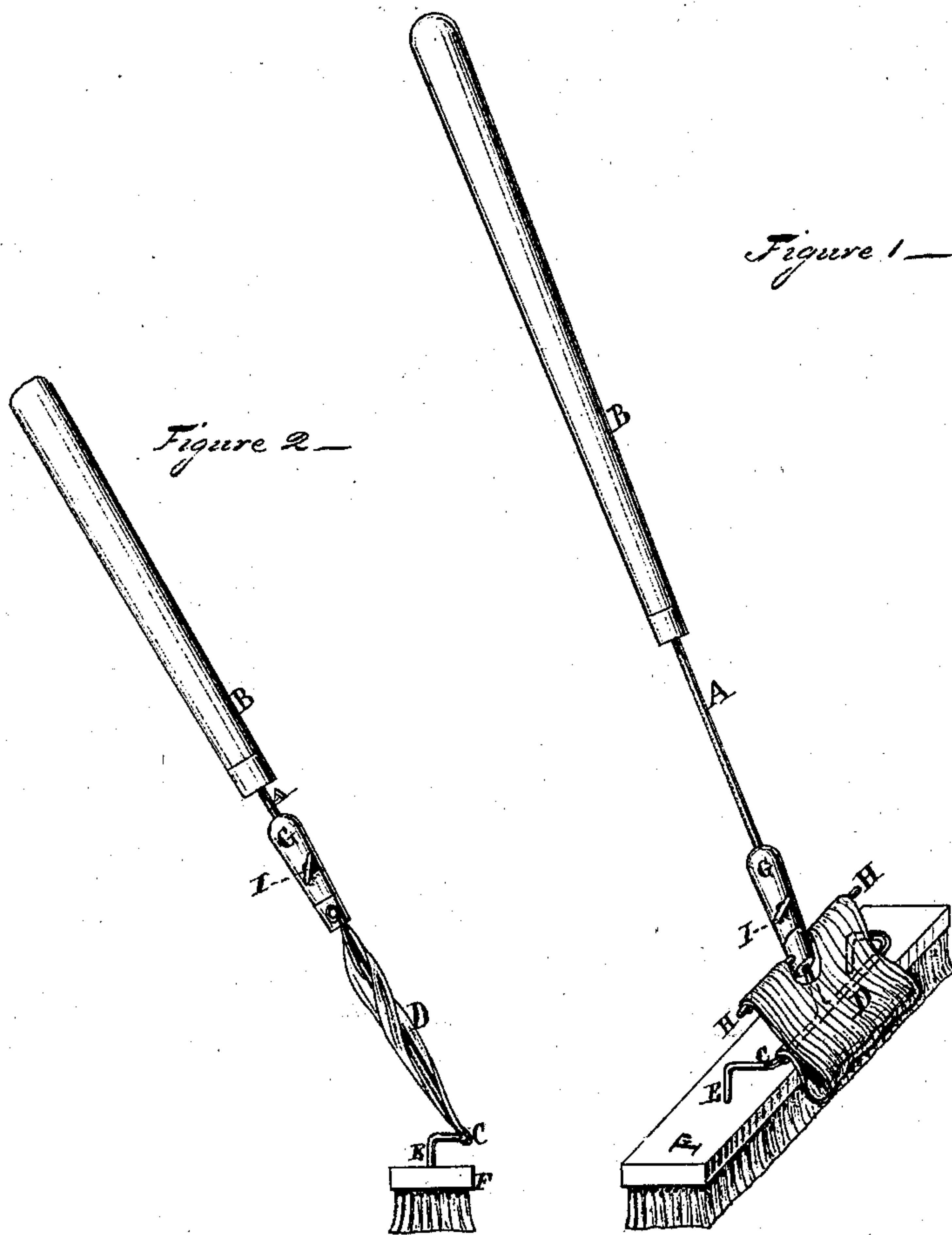


L. I. Gordon.

Mop Wringer.

No. 99,772.

Patented Feb. 15, 1870.



ATTEST:
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INVENTOR:
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LEWIS L. GORDON, OF DETROIT, MICHIGAN, ASSIGNOR TO RICHARD W. HUTCHINSON, OF SAME PLACE.

Letters Patent No. 99,772, dated February 15, 1870.

IMPROVED MOP-WRINGER AND SCRUBBING-BRUSH.

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

To whom it may concern:

Be it known that I, LEWIS L. GORDON, of Detroit, in the county of Wayne, and State of Michigan, have invented a new and useful Improvement in a Combined Mop-Wringer, and Scrubbing-Brush; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, and being a part of this specification, in which—

Figure 1. is a view of my combined tool when the mop is in use, with the brush.

Figure 2 is a view showing the operation of the wringer.

Like letters indicate like parts in each figure.

The nature of this invention relates to the construction of a combined implement for scrubbing, mopping, and wringing out the mop, without the necessity of the operator putting her hands into the water, or handling the cloth of which the mop is made; and

It consists in the combination of its various parts, as more fully hereinafter set forth.

In the accompanying drawings—

A represents a rod, to which, at one end, is a proper handle, B, while the other end of said rod terminates in the mop-head C, to which one end of the mop-cloth D is secured.

This mop-head is also provided with projecting spurs E, which enter the back of a brush F, and secure the same in position.

A small handle, G, to which is fastened a cross bar H, is sleeved on the rod A, and provided with a set-screw, I, by means of which said handle is secured to any desired position on the rod.

To the cross-bar H is secured the opposite end of the mop-cloth D.

When it is desired to wring out the mop, the handle G is drawn up toward the handle B until the mop-cloth is extended to its full length. Then the operator, by turning either of the handles, and holding the other one stationary, will effectually wring the water out of the mop-cloth.

What I claim as my Improvement in mop-wringer and brush, is—

The construction of the rod A, with its slide C, rod H, and its adjusting screw I, in combination with head C and its device for connecting it to the brush, as shown and described.

LEWIS L. GORDON.

Witnesses:

HARRY S. SPRAGUE,
JAMES THIERRY.