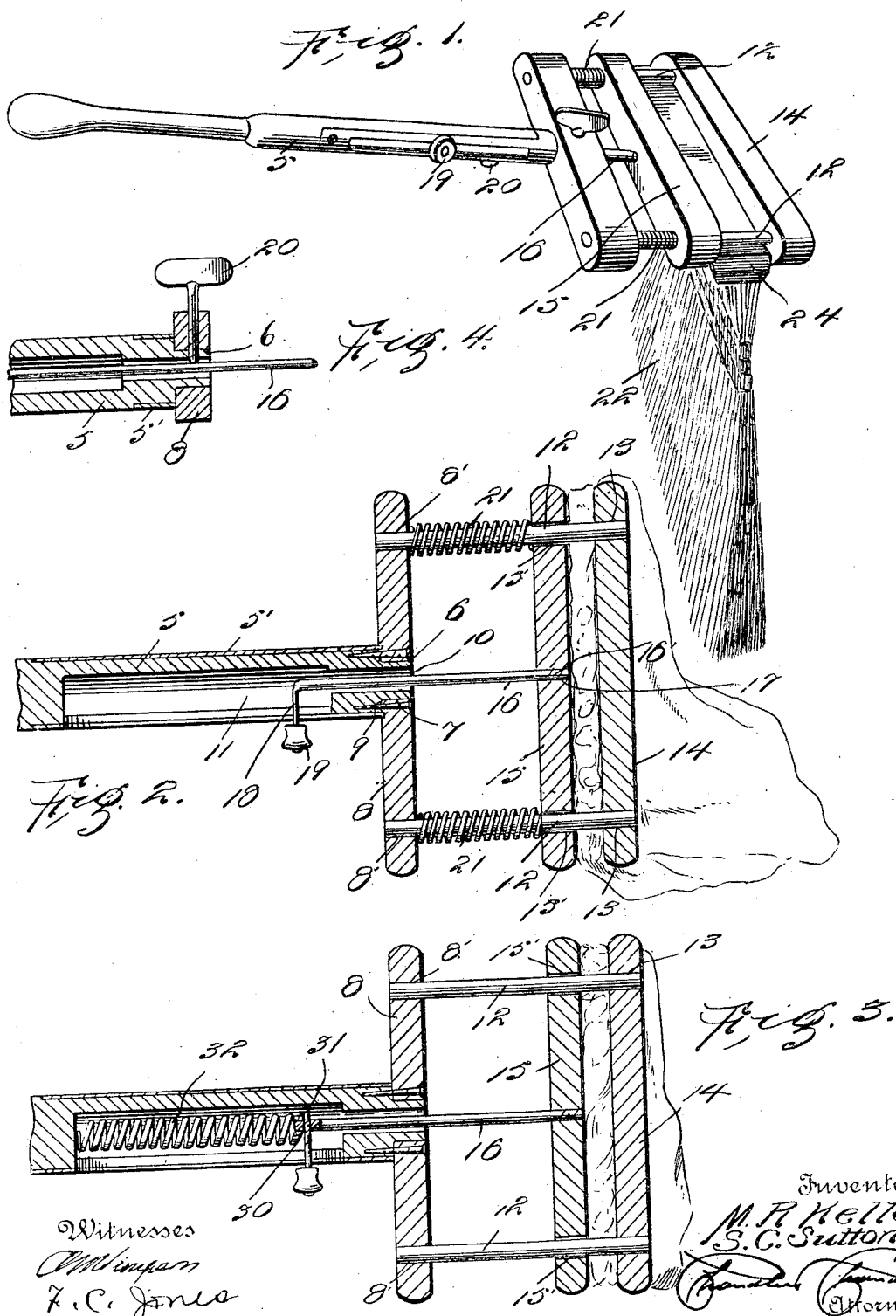


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M. R. KELLEY & S. C. SUTTON.
 CONVERTIBLE BRUSH AND MOP HOLDER.
 APPLICATION FILED FEB. 4, 1904. RENEWED APR. 24, 1905.



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CONVERTIBLE BRUSH AND MOP HOLDER.

No. 798,134.

Specification of Letters Patent.

Patented Aug. 29, 1905.

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To all whom it may concern:

Be it known that we, MIKEREL RONE KELLEY and SILAS CHRISTIAN SUTTON, citizens of the United States, residing at Willette, in the county of Macon, State of Tennessee, have invented certain new and useful Improvements in Convertible Brush and Mop Holders; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to holders, and has for its object to provide a holder which may be used in connection with household implements—such as brooms, brushes, mops, &c.—which will be so constructed that the implement may be quickly and securely attached to the holder and detached therefrom.

A further object of the invention is to provide a holder which will consist of but few parts and which will be simple of construction and cheap of manufacture.

In the drawings forming a portion of this specification, and in which similar numerals of reference indicate similar parts in the several views, Figure 1 is a perspective view of the complete device engaged with a specially-constructed broom. Fig. 2 is a longitudinal section showing a mop inserted between the jaws. Fig. 3 is a sectional view of a modified form of handle, showing a different arrangement of springs. Fig. 4 is a detail section at right angles to Fig. 2.

Referring now to the drawings, the present invention comprises a handle 5, having a reduced portion 6 at one of its ends, with which is engaged a central perforation 7 of a cross-piece 8, which rests against the shoulder 9, as shown. In the end of the reduced portion there is formed recess 10, which extends into the handle and has a passage 11 leading therefrom to the face of the handle. With the end of the handle, rearwardly of the shoulder 9, there is engaged a ferrule 5', which serves to prevent splitting of the handle.

Extending from the outer face of the cross-piece 8 and lying in a plane with the handle are a pair of rungs or bars 12, each of which has an end secured in one of the perforations 8' of the cross-piece, while their remaining ends are engaged with perforations 13 of a second cross-piece 14, which is similar to the cross-piece 8.

A movable member 15 is provided, having perforations 15' in its ends, and is disposed with these perforations slidably engaged with the bars 12. This member 15 is of substantially the same shape and size as the cross-pieces 8 and 14.

From the center of the member 15 and in the direction of the handle there extends a bar 16, which has its threaded end 16' engaged with the recess 17 in the member. This recess is in alinement with the recess 10, and the bar 16 is disposed with its free end within the last-named recess and is slidable therein. The free end of the bar 16 is bent at right angles and forms a lug 18, which lies within the passage and which carries a knob 19.

The cross-piece 8 has a threaded perforation therethrough which alines with a similar perforation in the reduced portion 6 of the handle, and with these two perforations there is engaged a thumb-bolt 20, which may be operated to clamp against the rod 16 to hold it and the member 15 at any desired point in their paths of movement and to hold these portions normally at the outward limit of their motion and with the member 15 against the cross-piece 14. There are disposed upon the bars 12 a pair of helical springs 21, which bear at one end against the cross-piece 8 and at the remaining end against the inner face of the member 15.

In Fig. 1 of the drawings there is shown a broom for use in connection with the present holder, which consists of the usual tufts of broom-corn 22, secured to a block 24, which is of a size to enter between the bars 12 and the perforations 14 and 15. The tension of the springs 21 will hold the member 15 tightly against the block to prevent its disengagement, and to prevent movement of the member 15 against the tension of the spring the thumb-bolt 20 is clamped against the rod 16.

In Fig. 3 of the drawings there is shown a construction in which the lug 18 is formed separately from the rod 16 and has one of its ends threaded and engaged with a perforation 30 in the end of the rod 16. As shown, the threaded end of the lug extends some distance through the rod 16, so that there is formed substantially a head 31, and between this head and the inner end of the recess 7 there is disposed a helical spring 32, the function of which is the same as that of the spring 21. In practice any suitable material may

be used, and modifications of the device may be made without departing from the spirit of the invention.

What is claimed is—

- 5 A holder comprising a handle having a central longitudinal recess therein, and a longitudinal passage through its side connecting with the recess, a cross-piece having a perforation therethrough in which the end of
10 the handle is secured, a second cross-piece, guide-rods connecting the cross-pieces, a follower slidably disposed upon the guide-rods, a rod secured to the follower and slidably disposed within the recess and having its

free end bent at right angles and lying within 15 the passage and means for holding the follower at the limit of its motion in the direction of the second-named cross-piece, said cross-piece and follower being adapted for the reception of implements therebetween. 20

In testimony whereof we affix our signatures in presence of two witnesses.

MIKEREL RONE ^{his} × KELLEY.

SILAS CHRISTIAN SUTTON. _{mark}

Witnesses:

GARRETT AUSTIN,
ALLIE BROCKETTE.