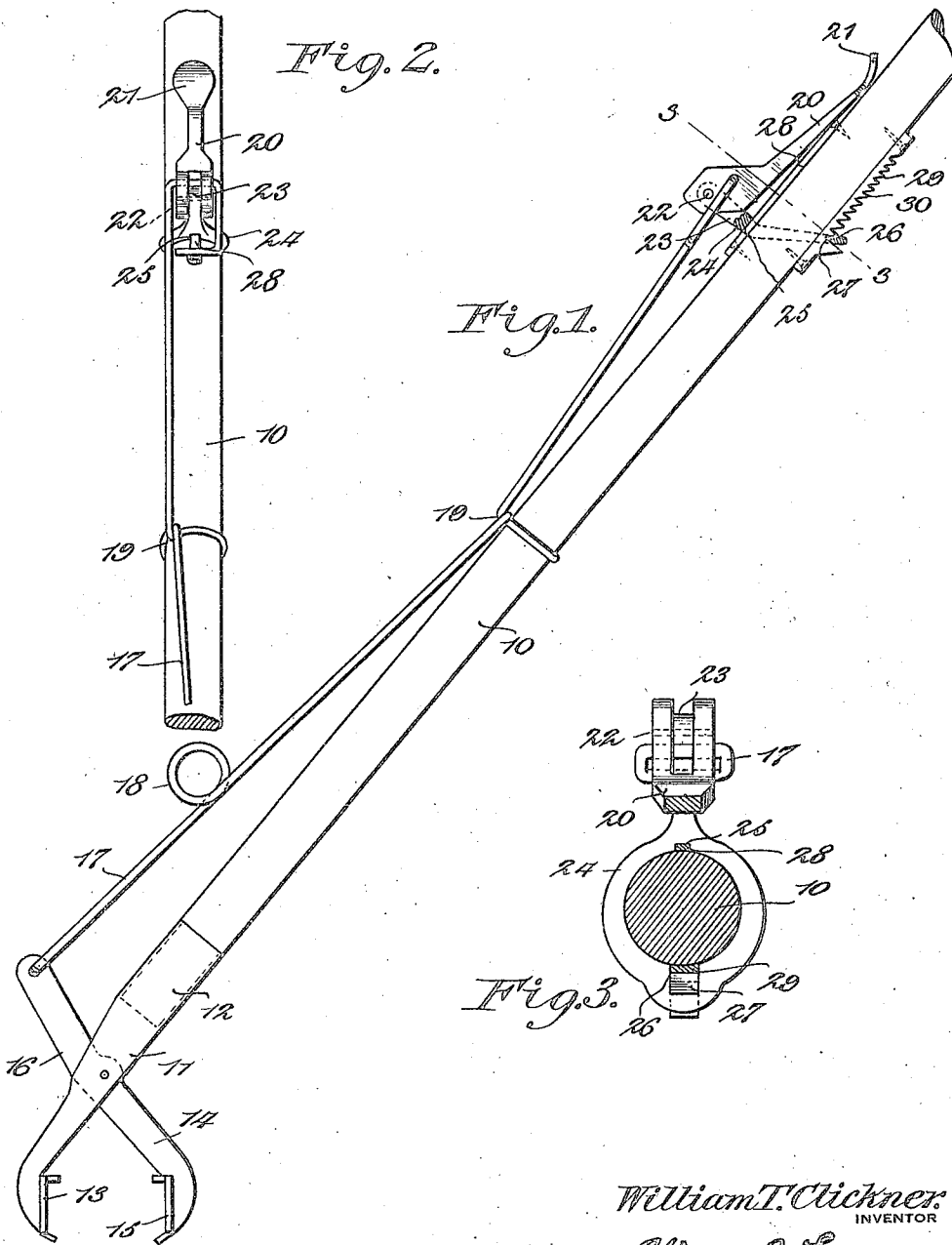


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W. T. CLICKNER.
ADJUSTABLE MOP AND BRUSH HANDLE.
FILED APR. 23, 1921.



WITNESS: *J. W. Kelly*

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UNITED STATES PATENT OFFICE.

WILLIAM T. CLICKNER, OF TROY, NEW YORK.

ADJUSTABLE MOP AND BRUSH HANDLE.

Application filed April 23, 1921. Serial No. 464,025.

To all whom it may concern:

Be it known that I, WILLIAM T. CLICKNER, a citizen of the United States, residing at Troy, in the county of Rensselaer and State of New York, have invented new and useful Improvements in Adjustable Mop and Brush Handles, of which the following is a specification.

This invention relates to improvements in adjustable mop and brush handles; and the principal object is to produce a device of this nature which may be readily adjusted to grip various sized scrubbing brushes, floor cloths, polishing devices, etc.

Another object is to provide a handle whereby a brush or the like may be used without requiring the operator to stoop or bend in using the same.

Another object is to produce a device of this nature which shall be simple of construction and operation, inexpensive to manufacture, and highly efficient for the purpose for which it is designed.

With these and other objects in view which will be more apparent as the specification proceeds, the invention resides in certain novel construction and combination and arrangement of parts the essential features of which are hereinafter fully described, are particularly pointed out in the appended claim, and are illustrated in the accompanying drawing, in which:—

Figure 1 is a side elevation of my improved mop and brush handle.

Figure 2 is a front elevation of the same.

Figure 3 is a transverse section on line 3—3 of Figure 1.

Like characters of reference refer to like parts in all views.

Referring to the drawing in detail, 10 represents the usual wooden mop stick or handle. A member 11 is provided with a socket portion 12 in which the handle 10 is seated, and is formed at its free end into a stationary jaw 13.

Pivotally mounted on the member 11 is a member 14 having a movable jaw 15 and a forwardly extending finger 16. Pivotally secured in the outer end of finger 16 is one end of a wire 17 which is formed with a spring coil at 18, and bent to embrace the handle 10 at 19. The other end of the wire 17 is pivotally secured in a lever 20.

The lever 20 is formed with a manipulating portion or finger piece 21 and is pivoted

at 22 to an outwardly extending finger 23 of a gripping member 24, the body portion of which is formed as a ring embracing the handle 10. The member 24 is provided with ways 25 and 26, the way 26 terminating in a wedge or tooth 27. Mounted on the handle 10 at the front and back thereof are guides 28 and 29 which cooperate with ways 25 and 26, respectively, for preventing rotation of member 24 on the handle 10. The guide 29 is provided with teeth 30 which co-act with the tooth 27 to maintain the member 24 in any position to which it may be moved.

In use, the operator moves lever 20 counterclockwise, thereby moving the rod or wire 17 downwardly and moving the jaw 15 to open position. The brush or other device is then placed between jaws 13 and 15 and member 25 is moved upwardly on the handle until the jaws grip the brush, cloth or other device, and the tooth 27 is engaged with the teeth 30. Lever 20 is then moved clockwise thereby drawing up on rod 20 so as to force the jaws into tight engagement with the brush or other device.

While I have described what I deem to be the most desirable embodiment of my invention, it is obvious that many of the details may be varied without in any way departing from the spirit of my invention, and I therefore do not limit myself to the exact details of construction herein set forth nor to anything less than the whole of my invention limited only by the appended claim.

What is claimed as new is:—

In a device of the class described, the combination of a handle, a stationary jaw member mounted thereon, a movable jaw member pivotally mounted on said stationary jaw member, an operating rod having one end secured to said movable jaw member and formed with a spring coil element and a handle embracing element, a manipulating lever secured to the other end of said rod, an adjustable handle embracing member pivotally supporting said lever and formed with a tooth, and a member having a plurality of teeth co-operative with said tooth, as and for the purpose set forth.

In testimony whereof I have affixed my signature.

WILLIAM T. CLICKNER.