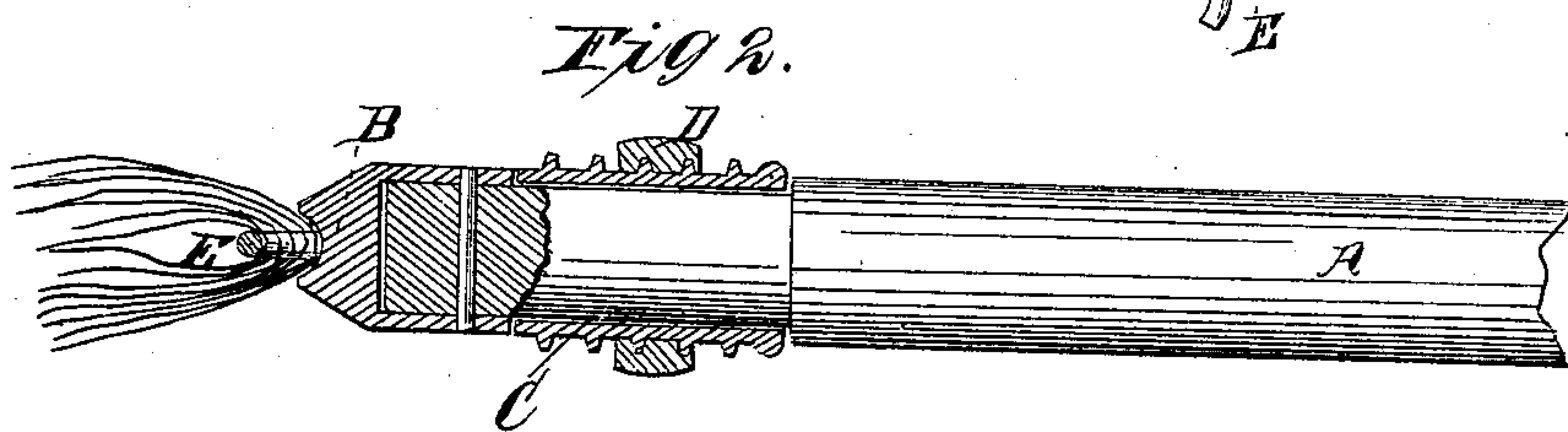
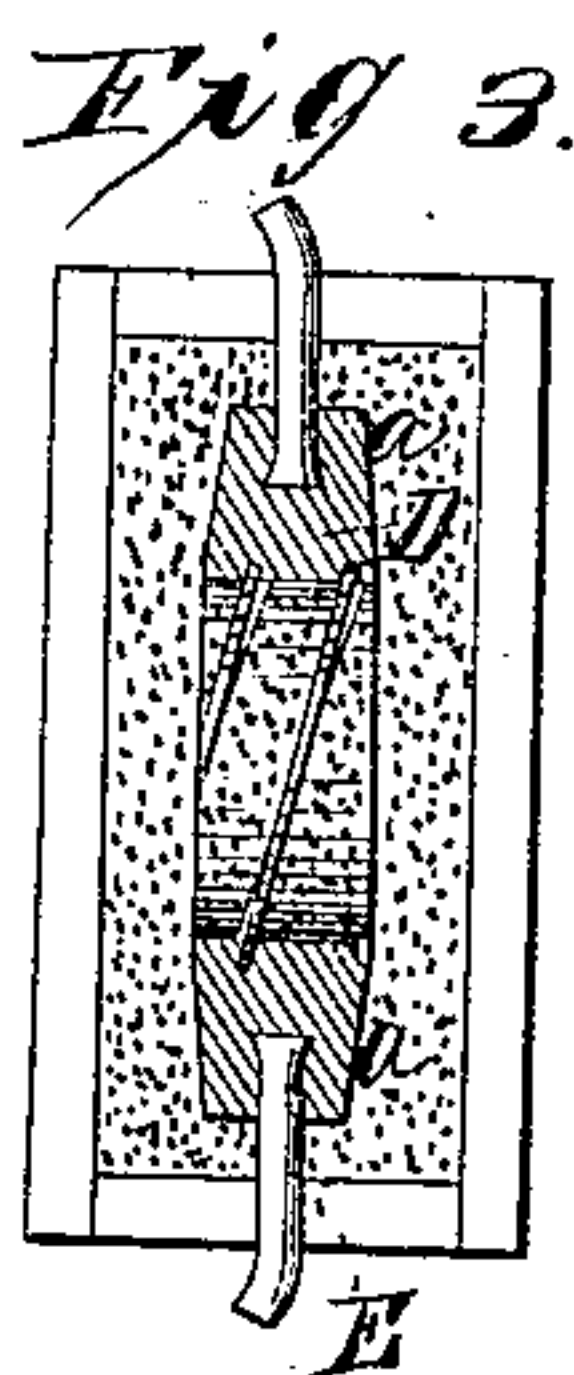
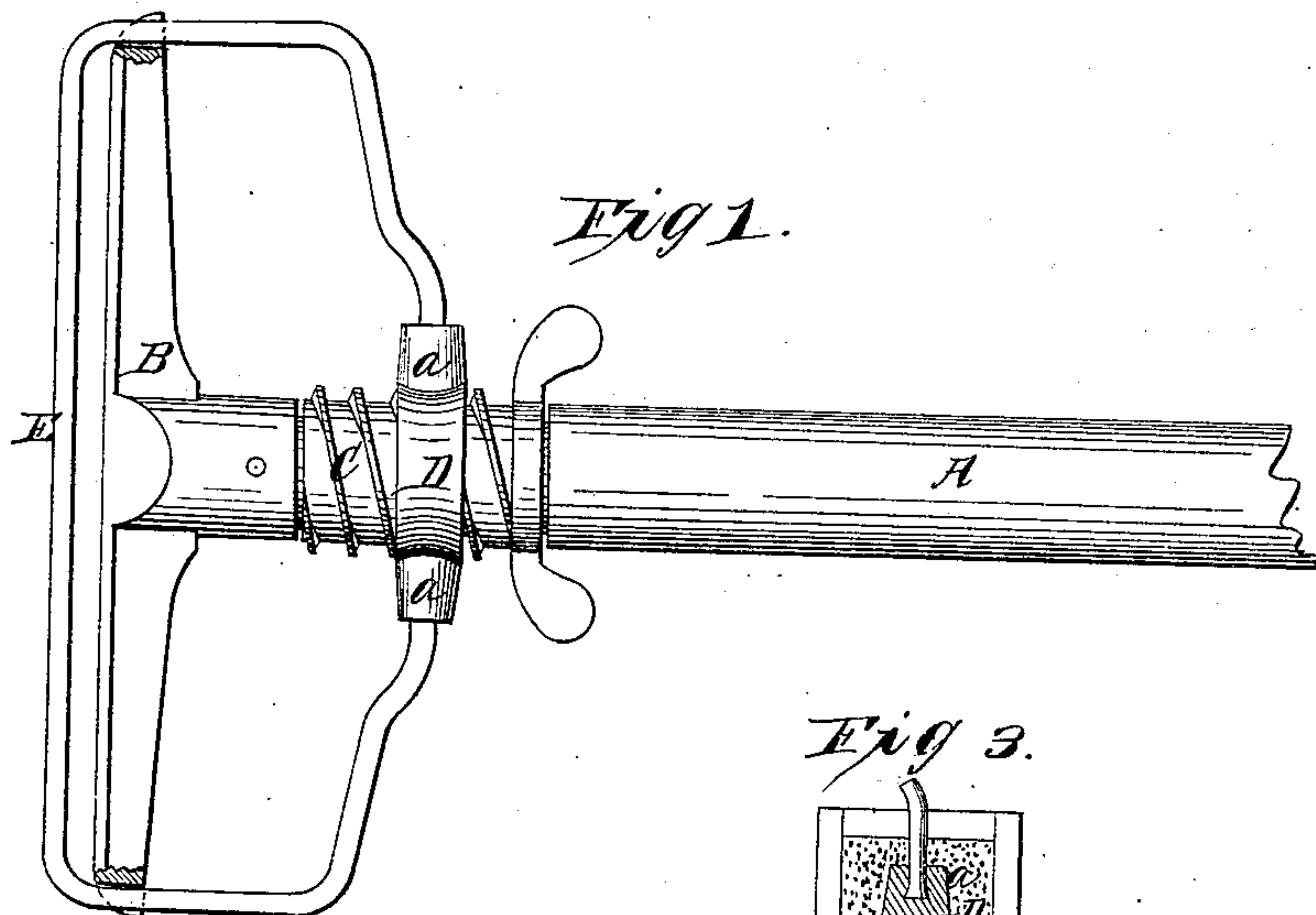


*Mason & Messinger,
Mop Holder.*

N^o 66,863.

Patented July 16, 1867.



Witnesses.

*Thos Frische
J. A. Service.*

Inventors.

*J. H. Mason
Jos Messinger
Per Messinger
Attorney*

United States Patent Office.

H. H. MASON AND JOSEPH MESSINGER, OF SPRINGFIELD, VERMONT.

Letters Patent No. 66,863, dated July 16, 1867.

IMPROVED MOP-HEAD.

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

TO ALL WHOM IT MAY CONCERN:

Be it known that we, H. H. MASON and JOSEPH MESSINGER, of Springfield, in the county of Windsor, and State of Vermont, have invented a new and useful Improvement in Mop-Heads; and we do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification.

This invention relates to a new and useful improvement in that class of mop-heads which have their movable jaws operated by a screw and nut.

The invention consists in a novel way of attaching or connecting the ends of the wire or rod composing said jaw to the nut, whereby a very cheap and durable connection of said parts is obtained. In the accompanying sheet of drawings—

Figure 1 is a side view of a mop-head provided with our improvement.

Figure 2, a longitudinal section of the same, taken in the line *x x*.

Figure 3, a sectional view of the mould in which the nut is cast, with the ends of the rod composing the movable jaw in the mould.

Similar letters of reference indicate like parts.

A represents a part of the handle of a mop-head, B the fixed jaw of the mop-head secured on the end of the handle, C the swivel-screw on the handle, D the nut on the screw C, and E the movable jaw composed of a wire or rod bent in proper form, and having its ends secured to the nut D. These parts are all old and well known, and therefore do not require a minute or special description. The nut D is cast with two ears or lugs *a a*, which project from it at opposite points, and the ends of the movable jaw E are inserted in the mould in which the nut D is cast, so that the ears or lugs *a a* will be cast around the ends of the jaw, as will be fully understood by referring to fig. 3. By this means the movable jaw is firmly connected to the nut, and by a very simple and inexpensive means.

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

A mop-head, of the kind specified, having the ends of the wire or rod, which constitute the movable jaw E, secured to the lugs or ears of the nut D by inserting the ends of said wire or rod in the mould in which the nut is cast, so that the lugs or ears will be cast around the ends of the wire or rod, substantially as shown and described.

H. H. MASON,
JOSEPH MESSINGER.

Witnesses:

S. J. YOUNG,

E. G. DENNISTON.