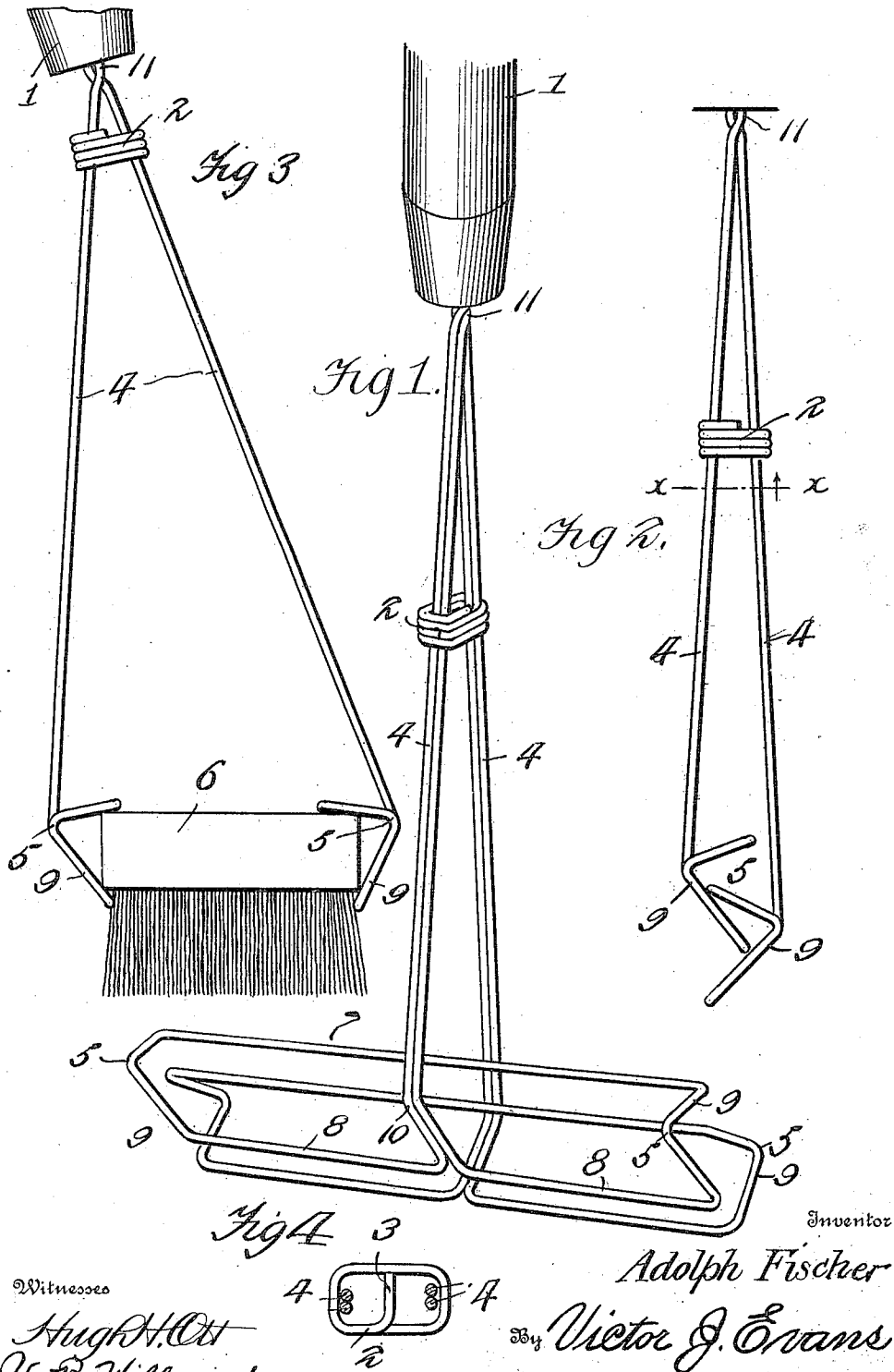


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BRUSH AND MOP HOLDER.
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986,155.

Patented Mar. 7, 1911.



UNITED STATES PATENT OFFICE.

ADOLPH FISCHER, OF LA FAYETTE, INDIANA.

BRUSH AND MOP HOLDER.

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Specification of Letters Patent.

Patented Mar. 7, 1911.

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To all whom it may concern:

Be it known that I, ADOLPH FISCHER, a citizen of the United States, residing at La Fayette, in the county of Tippecanoe and State of Indiana, have invented new and useful Improvements in Brush and Mop Holders, of which the following is a specification.

The present invention provides a holder of unique construction for scrubbing brushes, mop cloths and the like, which will admit of either being securely held in position and which is light, cheap and convenient of manipulation.

The invention consists of the novel features, details of construction and combination of parts which hereinafter will be more particularly set forth, illustrated in the accompanying drawings and pointed out in the claim.

Referring to the drawing, forming a part of the specification:—Figure 1 is a perspective view of a holder embodying the present invention. Fig. 2 is a side view thereof. Fig. 3 is a view similar to Fig. 2, showing a scrubbing brush in position. Fig. 4 is a section on the line *x—x* of Fig. 2, looking in the direction of the arrow.

Corresponding and like parts referred to in the following description and in all the views of the drawings are indicated by the same reference characters.

The holder comprises a head and a staff or handle 1, the head being constructed of stout wire of suitable gage to withstand the strain and usage to which the article will be subjected. The head consists of similar clamp members adapted to be pressed together by means of a slide 2 which is formed of a length of wire bent upon itself into a number of coils and having a terminal portion as 3 extended across the space inclosed by the coils so as to come between the shanks of the clamp members. Each clamp member consists of a shank 4 and a jaw 5. The jaws 5 are approximately of V-form in end view as shown most clearly in Fig. 2 and are arranged so that one member of a jaw enters the spaces formed between the members of the opposite jaw, this being of advantage to firmly grip the mop or like article placed between the jaws. One clamp member is shorter than the other, this being of advantage as indicated in Fig. 3 to enable the scrubbing brush 6 to engage squarely with the floor or surface and the staff or handle

1 to incline for convenience of operation. The V-form of the jaws 5 enables the latter to firmly and securely grip opposite edge portions of the back of the scrub brush. Each clamp member is formed of a length of wire doubled upon itself and having its end portions brought together to form the shank 4 and having the intermediate portion bent into the form substantially as shown to provide the jaw 5. As indicated the jaw 5 is elongated and arranged about at a right angle to the length of the shank. Each jaw consists of a rod 7 continuous throughout the length of the jaw, longitudinally alined rods 8 of equal length located upon opposite sides of the shank and end pieces 9 of approximately V-form. The shank 4 is deflected at 10, at an angle to the plane of rods 7 and 8 so that the article held may be properly gripped by the V-shaped end portions 9. The bar 7 is spaced from the shank 4 a distance corresponding approximately to the bent ends thereof forming the inner or upper members of the end pieces 9. The end portions of the members comprising the shank 4 are intertwisted with one another as indicated at 11 to form a stem, which is fitted in an opening formed in the staff or handle 1 to retain the mop head in place.

In practice, the scrubbing brush, mop or like article to be retained in place is introduced between the jaws, the same being pressed together to firmly and securely grip the article, the slide 2 being moved upon the shanks 4 toward the jaws to retain the latter in proper engagement with the article placed between them. The construction is such that upon moving the slide away from the jaws, the latter automatically spring apart by resiliency of the shanks 4 thereby releasing either the scrubbing brush, mop cloth or the like without requiring an application of the hand thereto. It is also manifest that the mop head may be fitted to the article to be gripped without necessitating the handling of said article, the latter being gripped by placing the shanks 4 together and moving the slide forward thereon.

Having thus described the invention, what is claimed as new, is:—

In a holder of the character described, the combination of similar clamp members each formed of a length of wire doubled upon itself and comprising a shank and a jaw, the shank being deflected near its lower end and the jaw comprising parallel longitudinal

rods and angular end pieces, one of the longitudinal rods being continuous and the other of sectional formation and having the sections alining, the continuous rod being
5 spaced from the shank and the lower end of the shank and the lower parts of the angular end members extending away from the lower rods in the same plane, and the upper portions of the shanks being at an angle to
10 said lower portion, the upper bar of one jaw being arranged opposite the space between

the bars of the opposite jaw and the lower bar of the second jaw coming opposite the space between the bars of the first mentioned jaw.

In testimony whereof I affix my signature
in presence of two witnesses. 15

ADOLPH FISCHER.

Witnesses:

ALBERT KIRBBY,
MARY G. SEEGER.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."
