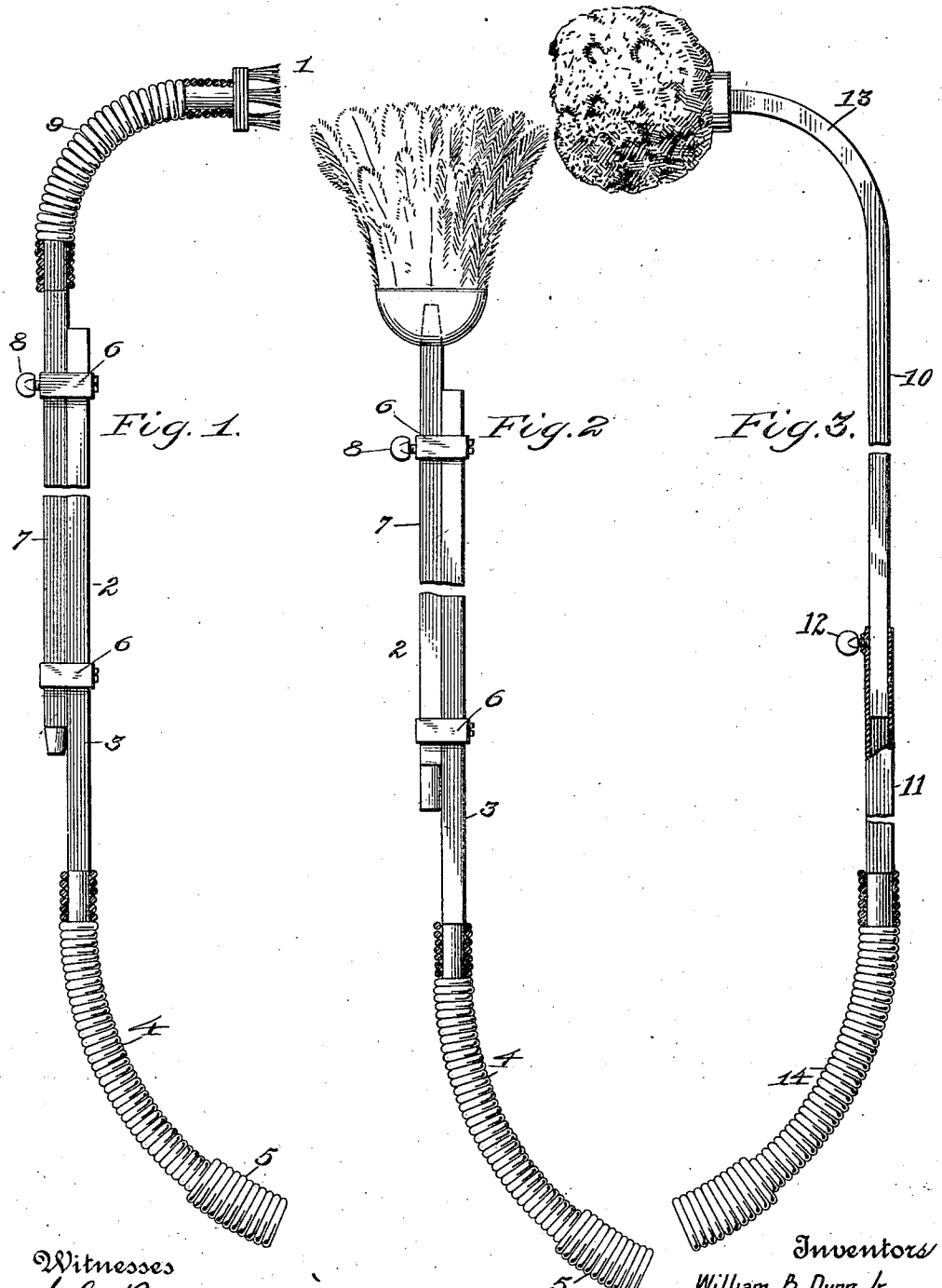
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W. B. DUNN, JR. & J. TAYLOR, JR.

HOUSEHOLD CLEANING APPLIANCE.

APPLICATION FILED SEPT. 7, 1905.



Witnesses
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UNITED STATES PATENT OFFICE.

WILLIAM B. DUNN, JR., AND JOHN TAYLOR, JR., OF WASHINGTON, DISTRICT OF COLUMBIA ASSIGNORS OF ONE-SEVENTH TO JOHN HAMMOND, ONE-SEVENTH TO JAMES W. JONES, ONE-SEVENTH TO HAROLD E. DUNN, ONE-SEVENTH TO LA MONT A. WILLIAMS, AND ONE-SEVENTH TO JAMES F. SELLERS, OF WASHINGTON, DISTRICT OF COLUMBIA.

HOUSEHOLD CLEANING APPLIANCE.

No. 843,590. Specification of Letters Patent. Patented Feb. 12, 1907.

Application filed September 7, 1905. Serial No. 277,440.

To all whom it may concern:

Be it known that we, WILLIAM B. DUNN, Jr., and JOHN TAYLOR, Jr., citizens of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Household Cleaning Appliances; 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, which relates to household cleaning appliances, contemplates the production of a simply and inexpensively constructed device of this character adapted for brushing or dusting the walls and ceilings of rooms, and particularly for cleaning windows both outside and inside, the device to this latter end being provided with a curved handle portion, whereby access to the exterior surfaces of the panes may be readily had while the operator is wholly within the room and at a safe distance from the window-opening.

One of the important features of the invention is a means for rendering the device yieldable, the handle portion including in its preferred form a coiled-wire section, whereby all danger of breaking of the panes by unintentional blows with the head or by undue pressure is avoided.

The invention in detail is set forth in the following description and illustrated in the accompanying drawings. The drawings show the improved appliance in its preferred forms of embodiment.

In the drawings, Figure 1 is an elevation of a household cleaning appliance embodying the invention. Fig. 2 is a similar view with the upper handle portion inverted and connected to a different form of head. Fig. 3 is an elevation of a modified form of appliance.

Referring to the drawings by numerals, and first to Figs. 1 and 2, 1 designates a cleaning-head adapted for washing windows. Obviously this head may be a brush, sponge, or the like, and a wiper may be substituted for the finishing operation. The handle 2 is composed of adjustably-connected sections, two being shown; but this number may be increased if a longer handle is desired. The lower handle-section has a part 3, preferably rectangular in cross-section, its lower end being rounded and tightly fitted into one end of a curved part 4, preferably formed of coiled wire, the wire being coiled upon itself at the other end to provide a handhold 5. The handle part 3 is equipped with a plurality of straps or loops 6, slidably confining a part 7 of the upper handle-section, which part is also preferably of rectangular cross-section. The parts 3 and 7 are therefore lengthwise adjustable relative to each other, whereby to vary the length of the handle, as will be understood, the adjustment being fixed by a set-screw 8 in one of the straps or loops or by any other suitable means. The part 7 is rounded at one end and fits closely in one end of a curved part 9, preferably formed of coiled wire, the cleaning-head being fitted in the other end of the coiled-wire part. The opposite end of the part 7 is rounded and may be tapered to fit the socket of a dust-brush, (see Fig. 2,) the said part being first inverted for the purpose.

The parts 4 and 9 being curved, access to the panes at their outer surfaces is readily afforded, the operator remaining wholly within the room and at a safe distance from the window-opening. The employment of yielding material for the part 4 or the part 9, or both, renders the work easier to perform, and there is no danger of broken windows by accidental striking or undue pressure.

Fig. 3 illustrates the device in a modified form, the handle-sections 10 11 being in telescoping relation and secured in adjusted position by a set-screw 12. In this form the upper section 10 has an integrally-bent rigid end portion 13, the yielding function of the handle being obtained by the coiled-wire part 14.

We claim as our invention—

A handle for household cleaning devices

comprising a plurality of slidably-connected rigid sections, the upper of said sections being reversible and having differently-shaped terminals whereby cleaning devices having differently-shaped sockets may be attached thereto, the lower of said sections having a curved yielding portion terminating into a handhold.

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

WILLIAM B. DUNN, JR.
JOHN TAYLOR, JR.

Witnesses:
EDWARD BOYKIN,
A. B. WEBB.