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(12) **United States Design Patent**
Libman

(10) **Patent No.:** **US D479,024 S**

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(54) **SELF-WRINGING MOP**

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(US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **14 Years**

(21) Appl. No.: **29/145,557**

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(51) **LOC (7) Cl.** **04-01**

(52) **U.S. Cl.** **D32/52**

(58) **Field of Search** 15/229.1, 229.2,
15/229.3, 229.6, 229.7, 263, 120.1, 120.2,
119.1, 119.2, 116.1, 116.2, 144.1, 144.2,
143.1; D32/35, 40, 44, 50, 51, 52

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,581,839 A * 12/1996 Ferrell, Jr. 15/143.1
6,006,392 A * 12/1999 Seculov et al. 15/120.2
6,115,869 A * 9/2000 Libman 15/120.1

6,125,494 A * 10/2000 Morad 15/120.1
6,212,728 B1 * 4/2001 Facca et al. 15/120.1

* cited by examiner

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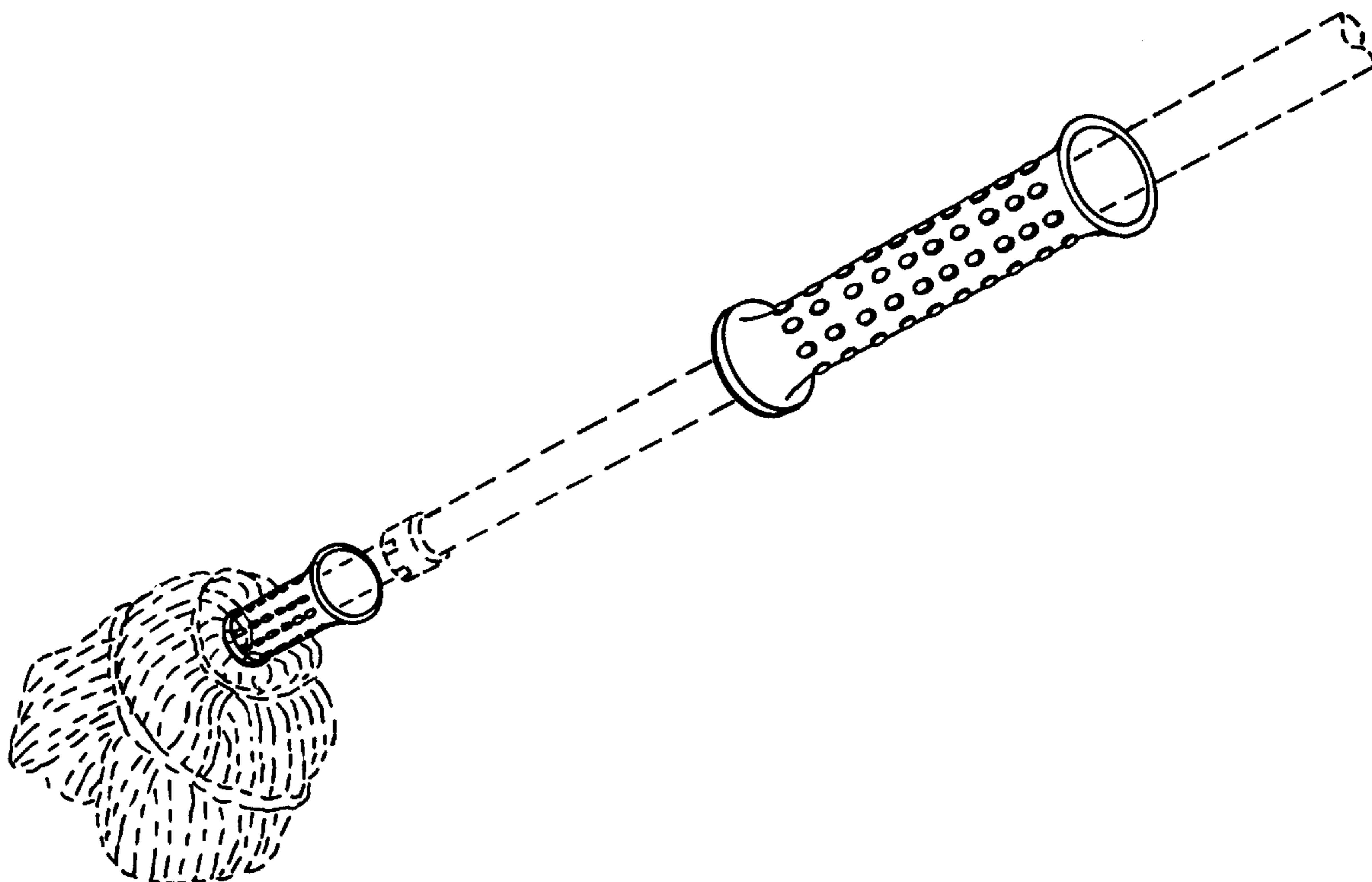
(57) **CLAIM**

The ornamental design for a self-wringing mop, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a self-wringing mop in accordance with the present invention; FIG. 2 is an enlarged side view of the upper hand-grip portion of the self-wringing mop, the opposite side view being identical thereto; and, FIG. 3 is an enlarged side view of the lower hand-grip portion of the mop, the opposite side being identical thereto. The broken lines immediately adjacent the solid line disclosure of the handle in FIG. 3 represent the bounds of the claim and all other broken lines are for illustrative purposes only. None of the broken lines form a part of the claimed design. The upper hand-grip portion of the self-wringing mop and the lower hand-grip portion of the self-wringing mop are shown separately for convenience of illustration.

1 Claim, 2 Drawing Sheets



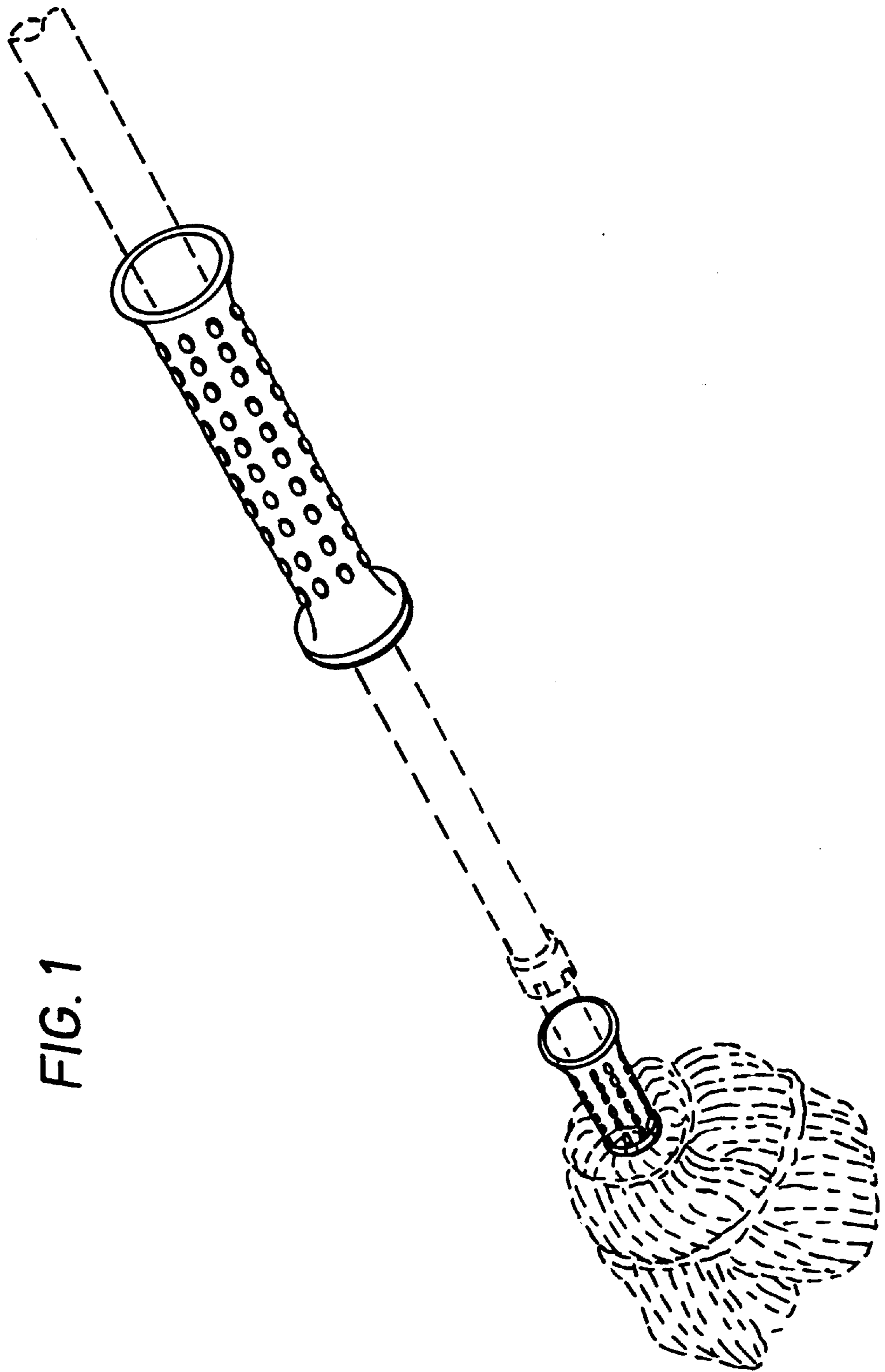


FIG. 1

FIG. 2

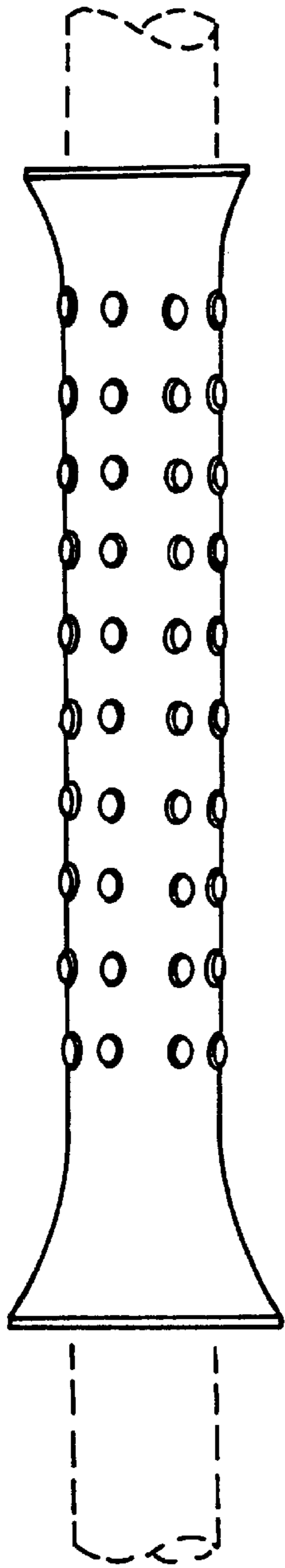


FIG. 3

