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(12) **United States Design Patent**
Heathcock et al.

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(54) **ERGONOMIC HANDLE ASSEMBLY**

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

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(51) **LOC (7) Cl.** **08-05**

(52) **U.S. Cl.** **D8/107**

(58) **Field of Search** D8/82-87, 21-29,
D8/107, 303; D7/393, 395, 645; 81/177.1,
436-440, 489, 177.5, 177.7, 177.8, 177.9,
58.1, 60; 16/110.1, 421, 422, 430

(56) **References Cited**

U.S. PATENT DOCUMENTS

D132,891 S * 6/1942 Chapman D8/25
2,462,729 A * 2/1949 Deck 81/58.1

3,713,356 A * 1/1973 Knudsen 81/62
D304,993 S * 12/1989 Sunila D8/107
D340,628 S * 10/1993 Chow D8/25
5,619,890 A * 4/1997 Hattori et al. 81/60
D422,192 S * 4/2000 Cleveland D8/107
D426,451 S * 6/2000 Rosenbaum D8/107
D438,438 S * 3/2001 Melvin et al. D8/25
6,216,567 B1 * 4/2001 Hu 81/177.9
D449,213 S * 10/2001 Chiang D8/107

* cited by examiner

Primary Examiner—Clare E. Heflin

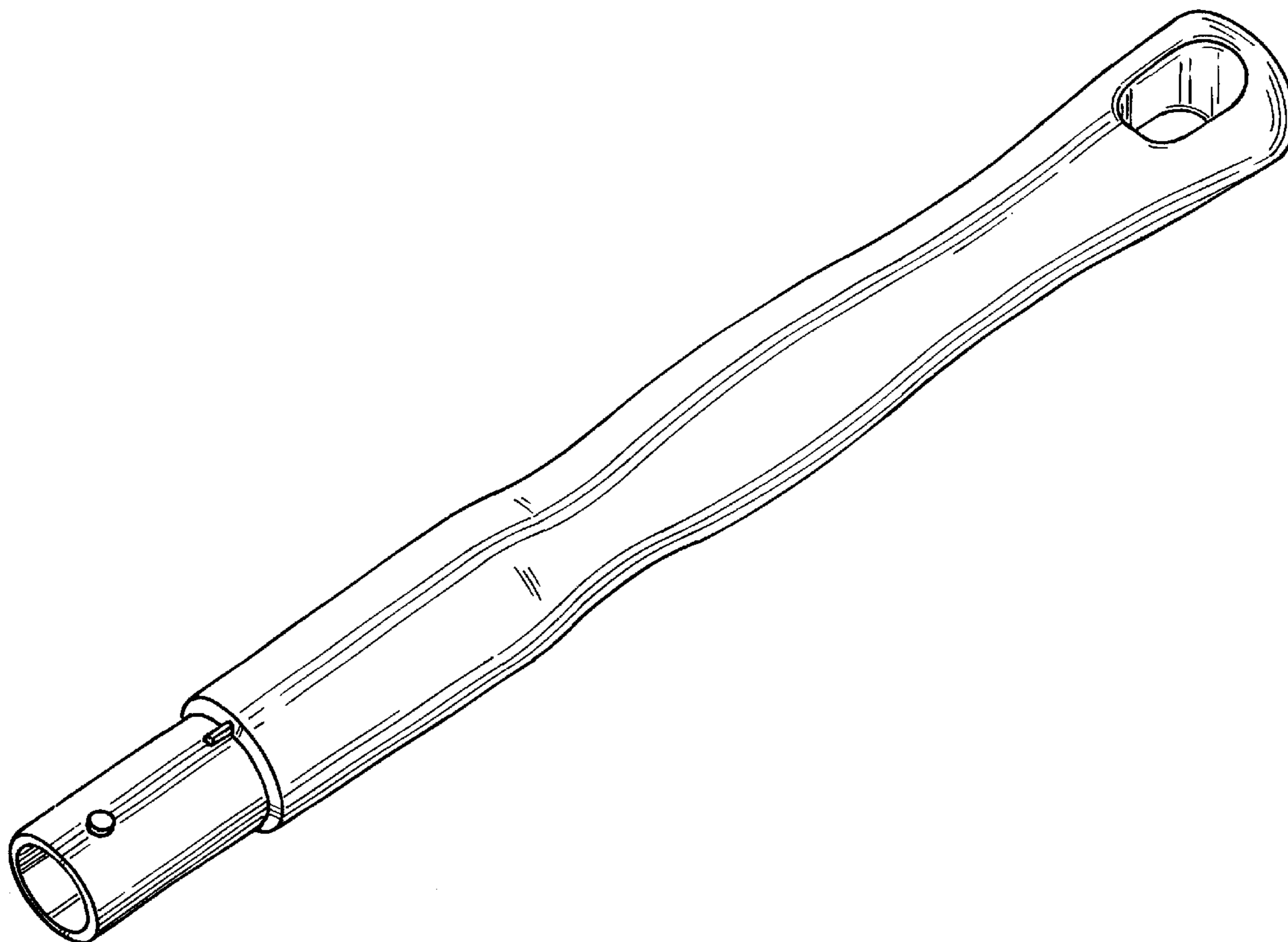
(57) **CLAIM**

The ornamental design of the ergonomic handle assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the design of the handle.
FIG. 2 is a bottom end view of the handle of FIG. 1.
FIG. 3 is a top end view of the handle of FIG. 1.
FIG. 4 is a longitudinal view of the handle of FIG. 1; and,
FIG. 5 is a longitudinal view of the handle of FIG. 1, at a 90° orientation from FIG. 4.

1 Claim, 2 Drawing Sheets



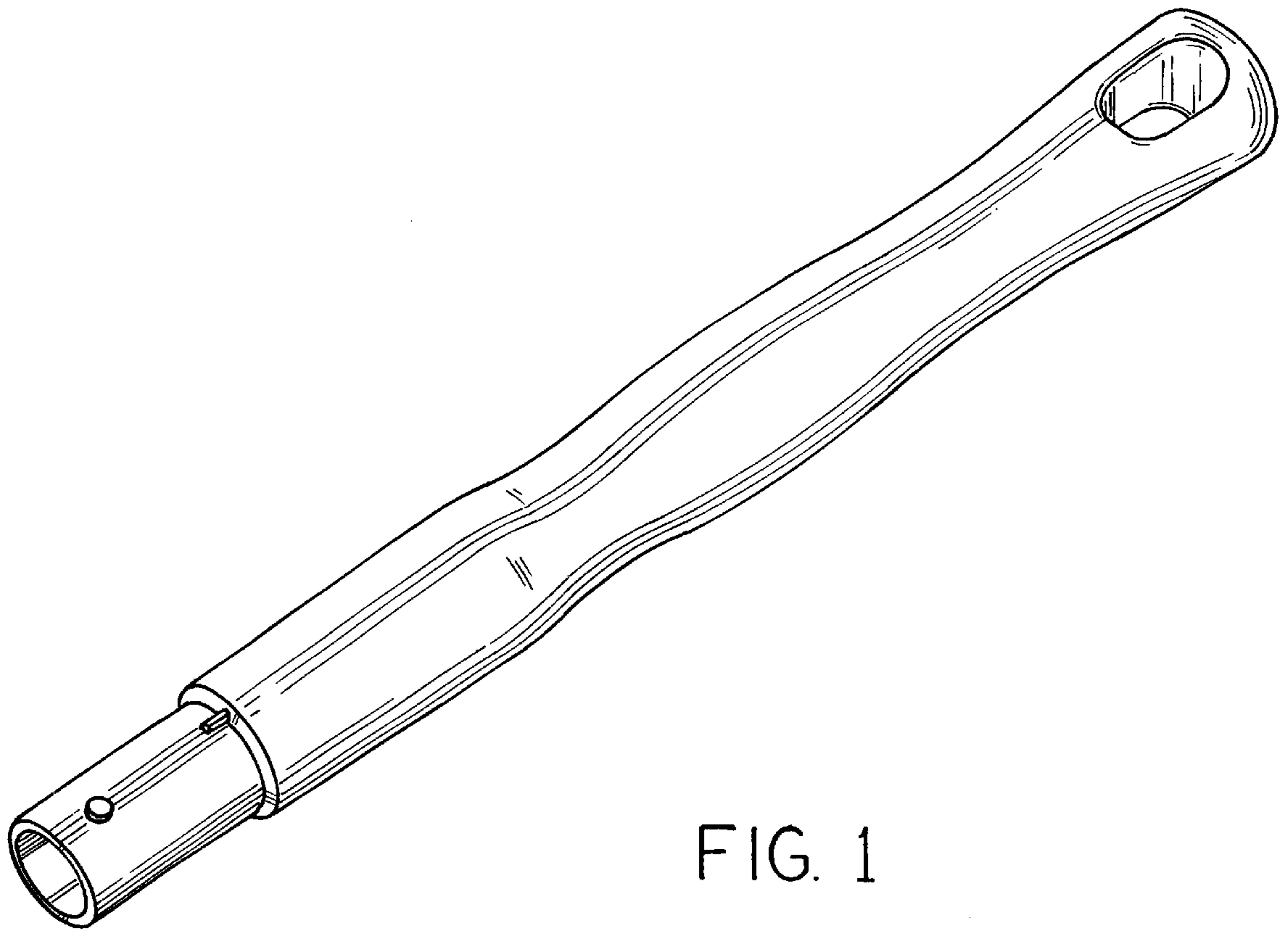


FIG. 1

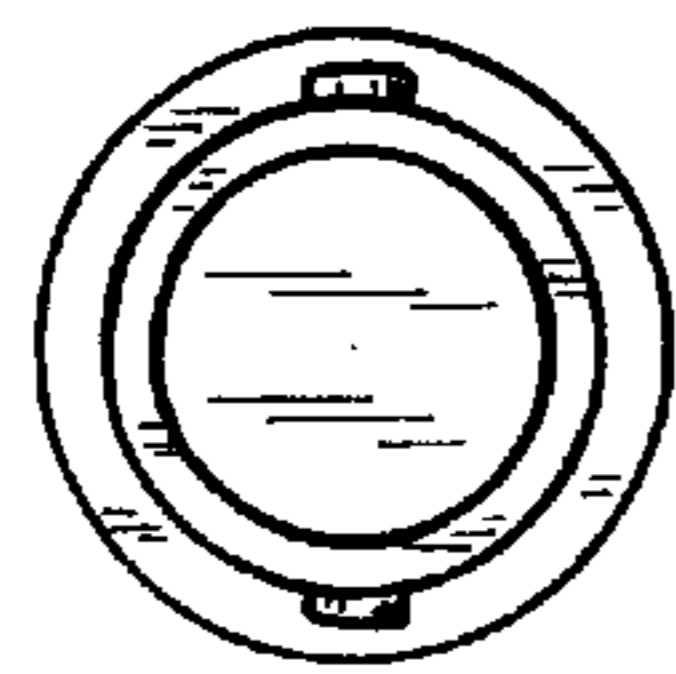


FIG. 2

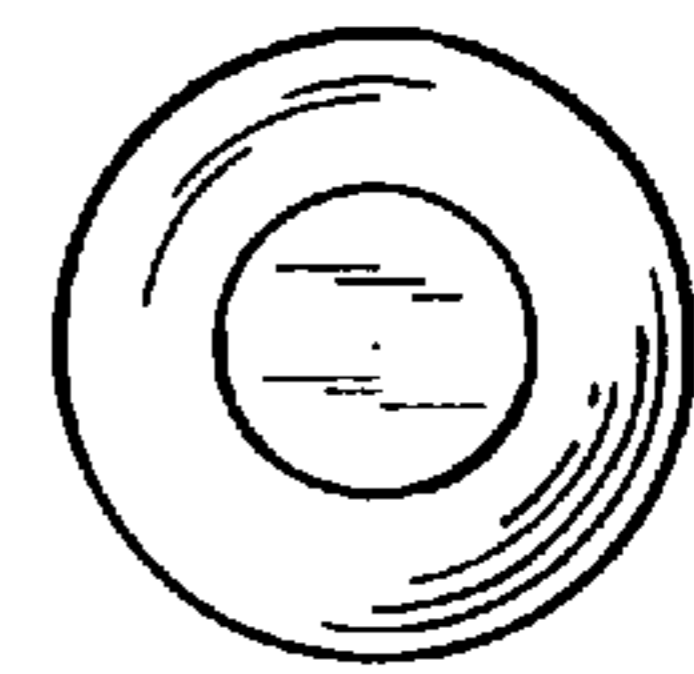


FIG. 3

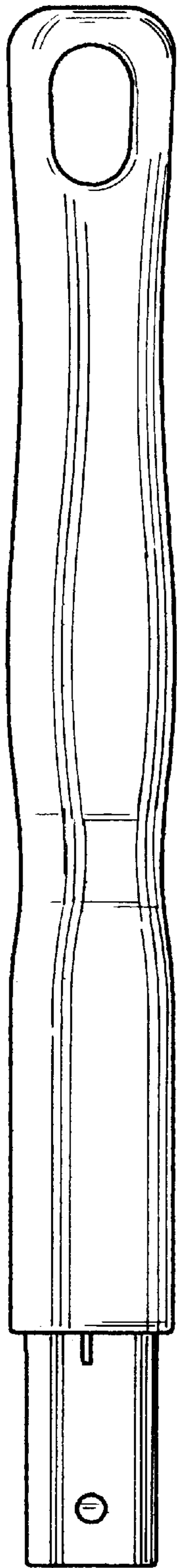


FIG. 4

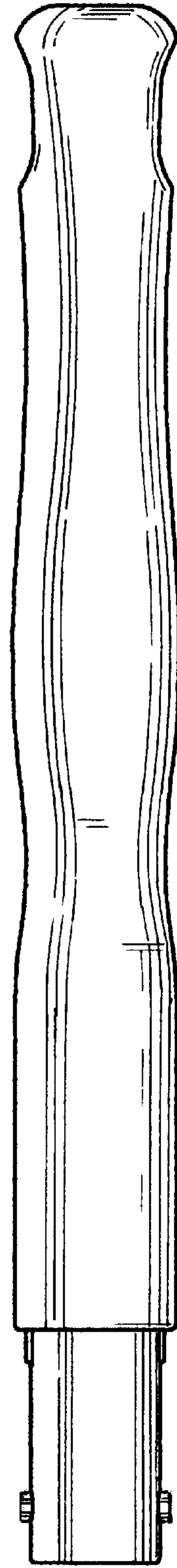


FIG. 5