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

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(54) **SOLUTION DISPENSER**

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

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(51) **LOC (7) Cl.** **24-02**

(52) **U.S. Cl.** **D24/119; D4/114; D28/7**

(58) **Field of Search** **D4/114, 137; D9/302, D9/338; D24/119; D28/7; D32/45; 401/6, 132, 183, 196, 203, 207, 261, 266; 601/138; 604/1-3**

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,932,840 A 4/1960 Lathrop
- 3,133,309 A 5/1964 Miles
- 3,393,963 A 7/1968 Nadai
- 3,466,131 A 9/1969 Arcudi
- 3,774,609 A 11/1973 Schwartzman
- 3,847,151 A 11/1974 D'Alessandro et al.
- 3,891,331 A 6/1975 Avery
- 3,929,135 A 12/1975 Thompson
- 4,148,318 A 4/1979 Meyer
- 4,183,684 A 1/1980 Avery, Jr.
- D263,503 S * 3/1982 Williams
- 4,342,522 A 8/1982 Mackles
- 4,415,288 A 11/1983 Gordon et al.
- 4,498,796 A 2/1985 Gordon et al.
- 4,507,111 A 3/1985 Gordon et al.
- 4,528,268 A 7/1985 Andersen et al.
- 4,611,941 A 9/1986 Karliner et al.
- 4,822,194 A 4/1989 Simonette
- 4,889,441 A 12/1989 Tice

- 4,925,327 A 5/1990 Wirt
- 4,957,385 A 9/1990 Weinstein
- 5,147,337 A 9/1992 Plone
- 5,299,877 A 4/1994 Birden
- 5,353,819 A * 10/1994 Kahn et al. 401/6 X
- 5,364,367 A 11/1994 Banks et al.
- 5,538,353 A 7/1996 DeHavilland
- 5,577,851 A 11/1996 Koptis
- 5,658,084 A 8/1997 Wirt
- 5,690,958 A 11/1997 McGrath

FOREIGN PATENT DOCUMENTS

- EP 0 953 324 11/1999
- EP 0 955 159 11/1999

OTHER PUBLICATIONS

3M Product Information Sheet for DuraPrep™, "Obsoletly? Absolutely!," 1 pg., Mar. (1998).

* cited by examiner

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(57) **CLAIM**

The ornamental design for a solution dispenser, as shown and described.

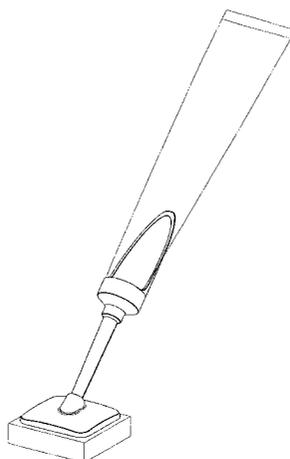
DESCRIPTION

FIG. 1 is a perspective view of a solution dispenser showing the new design;
FIG. 2 is a side view thereof;
FIG. 3 is a front end view thereof;
FIG. 4 is a rear end view thereof;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.

The tubular container attached to the solution dispenser and illustrated in broken lines in FIG. 1 does not form a part of the invention.

The broken lines in FIGS. 1-6 illustrating the pad attached to the solution dispenser indicate the bounds of the claimed design and form no part thereof.

1 Claim, 3 Drawing Sheets



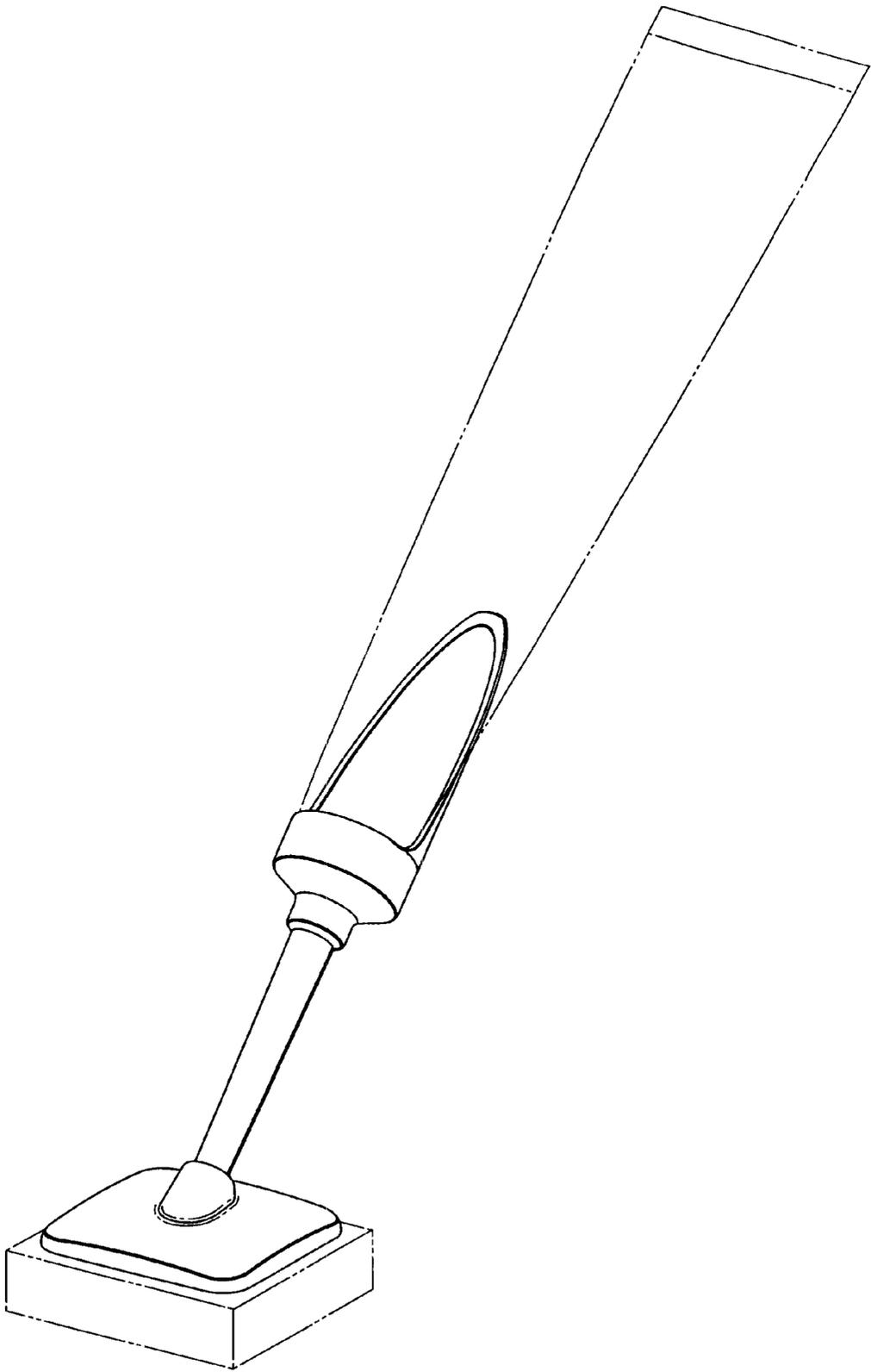


Fig. 1

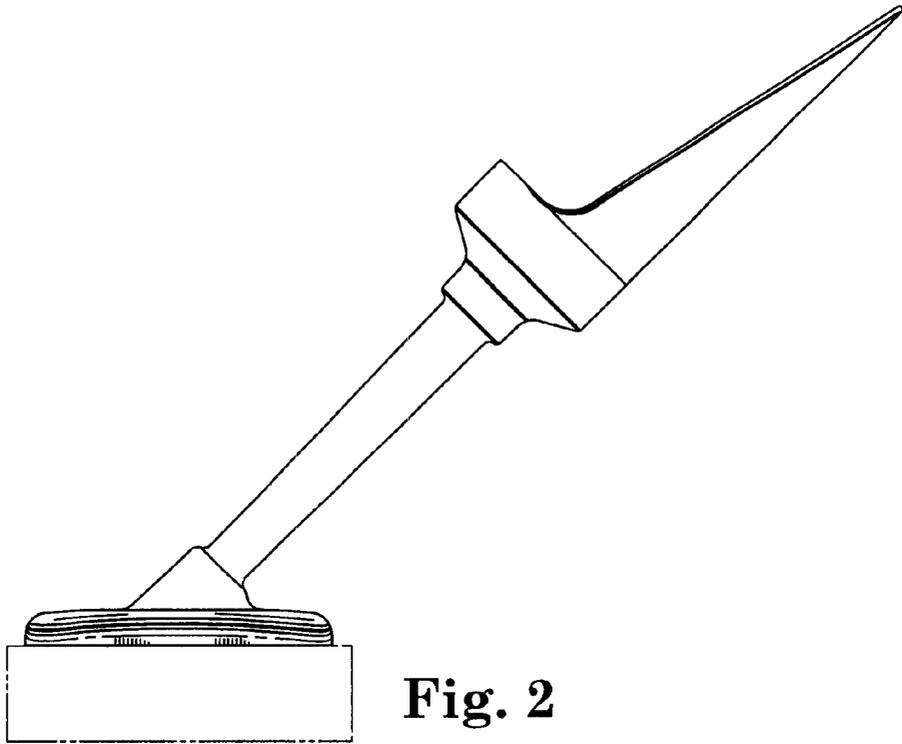


Fig. 2

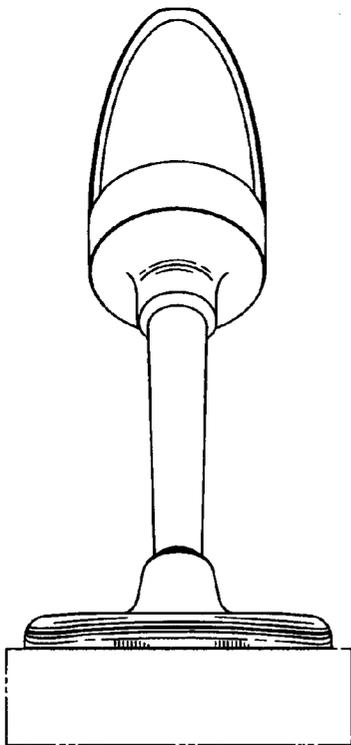


Fig. 3

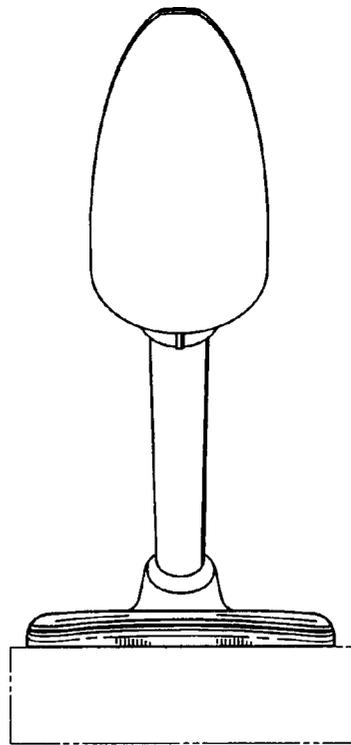


Fig. 4

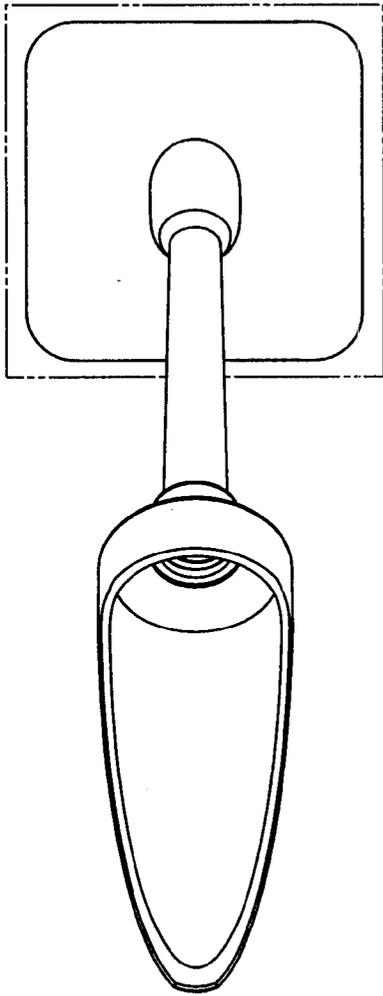


Fig. 5

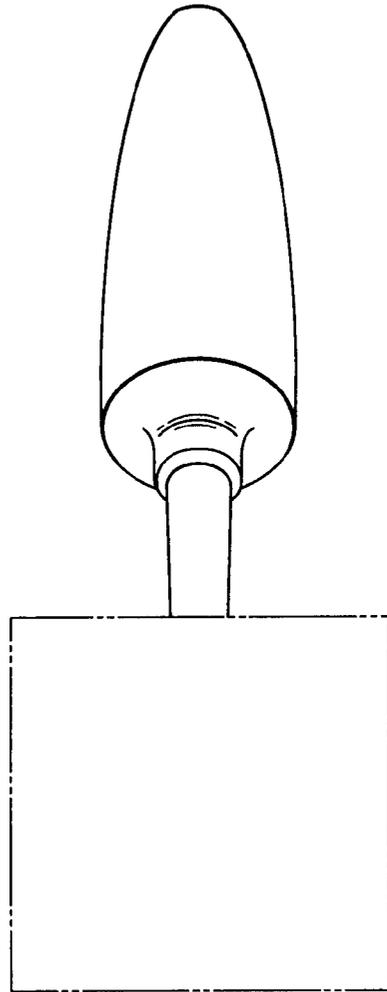


Fig. 6