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(12) **United States Design Patent** (10) **Patent No.:** **US D498,028 S**
Alsruhe et al. (45) **Date of Patent:** **** Nov. 2, 2004**

(54) **SCRUBBER HEAD**
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(73) Assignee: **Black & Decker Inc.**, Newark, DE
(US)
(**) Term: **14 Years**
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(51) **LOC (7) Cl.** **15-05**
(52) **U.S. Cl.** **D32/25**
(58) **Field of Search** D32/1, 15, 17-22,
D32/25, 31; D8/61-62; D4/102; 15/23,
28, 32, 34, 3.12, 302, 320

4,734,954 A 4/1988 Greskovics et al.
4,763,377 A 8/1988 Madsen
4,780,992 A 11/1988 McKervey
4,893,370 A 1/1990 Klotz
4,964,398 A 10/1990 Jones
5,058,229 A 10/1991 Plazanet
5,088,149 A 2/1992 Berg et al.
5,109,568 A 5/1992 Rohn et al.
5,157,873 A 10/1992 Rudolf et al.
5,289,605 A 3/1994 Armbruster
5,353,461 A 10/1994 Enriquez
5,371,912 A 12/1994 Hall
5,423,102 A 6/1995 Madison
5,500,972 A 3/1996 Foster
5,513,409 A 5/1996 Biegel

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

JP 6-304116 11/1994

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(56) **References Cited**

U.S. PATENT DOCUMENTS

1,870,232 A 8/1932 Brim
2,782,452 A 2/1957 Kitto et al.
3,023,971 A 3/1962 Milhous
3,058,136 A 10/1962 Rachlin
3,164,855 A 1/1965 Hencken
3,226,259 A 12/1965 Armbrust
3,366,288 A 1/1968 Goldschein
3,398,848 A 8/1968 Donovan
3,614,705 A 10/1971 Descarries et al.
3,688,139 A 8/1972 Yaguchi
3,731,334 A 5/1973 Carboneli
3,908,220 A 9/1975 Adamson et al.
4,045,836 A 9/1977 Glenn
4,084,281 A 4/1978 Smith
4,188,682 A 2/1980 Burglin et al.
4,202,068 A 5/1980 Lester et al.
4,207,640 A 6/1980 Sekula et al.
4,399,578 A 8/1983 Bordeaux
4,417,826 A 11/1983 Floros
4,490,873 A 1/1985 Stratton
4,524,477 A 6/1985 Williams, III et al.
4,686,735 A * 8/1987 Soeffker et al. 15/320
4,724,567 A 2/1988 Rones

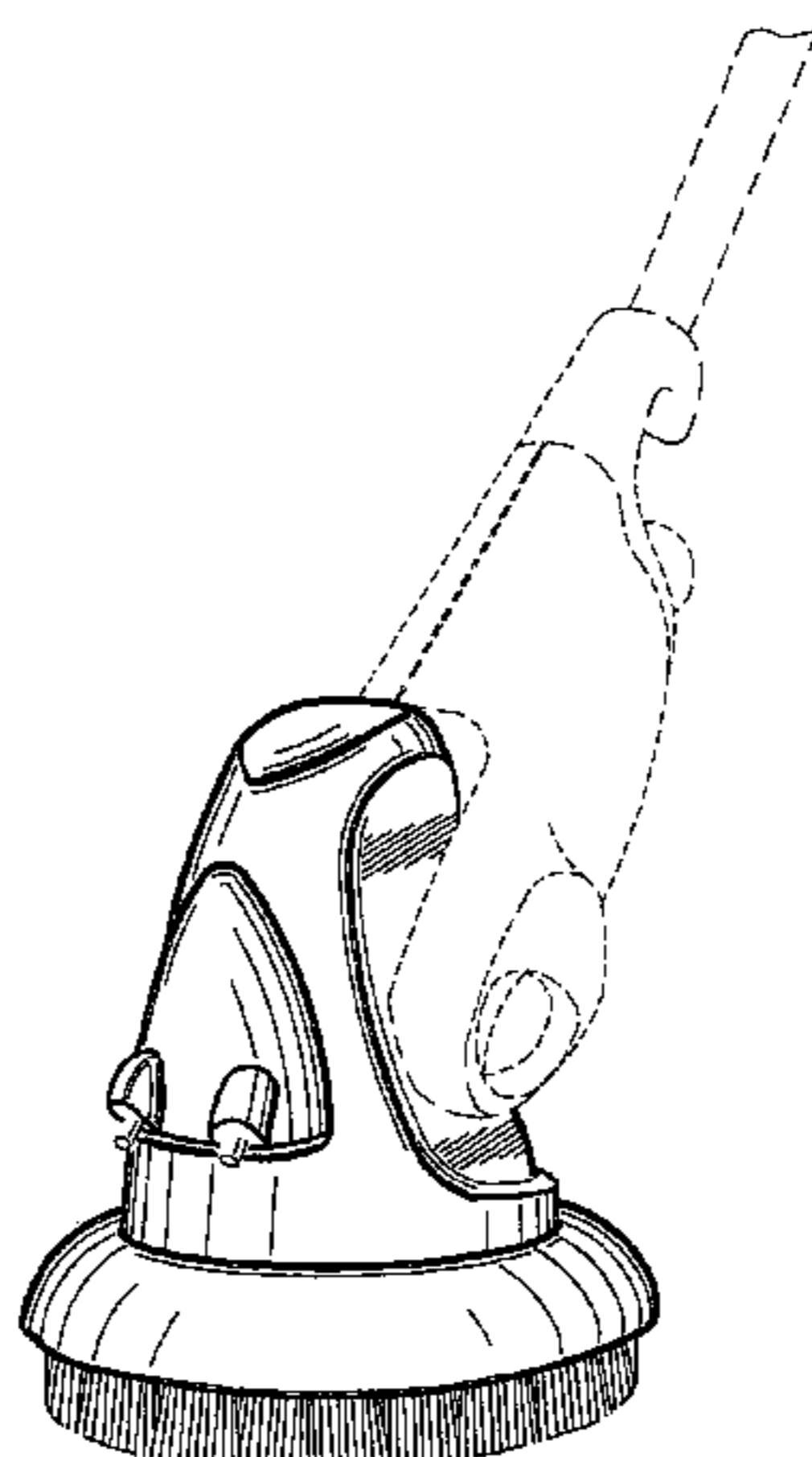
(57) **CLAIM**

The ornamental design for a scrubber head, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the scrubber head in accordance with the present invention.
FIG. 2 is a front plan view of a scrubber head of FIG. 1.
FIG. 3 is a rear plan view of a scrubber head of FIG. 1.
FIG. 4 is a right side plan view of the scrubber head of FIG. 1.
FIG. 5 is a left side plan view of the scrubber head of FIG. 1.
FIG. 6 is a top plan view of the scrubber head of FIG. 1; and, FIG. 7 is a bottom plan view of the scrubber head of FIG. 1.
The broken line showing of a support attachment is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 6 Drawing Sheets



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U.S. PATENT DOCUMENTS

5,588,176 A	12/1996	Sixsmith	6,016,812 A	1/2000	Guyann
5,649,334 A	7/1997	Henriquez et al.	6,026,529 A	2/2000	Caruso
5,701,625 A	12/1997	Siman	6,058,542 A	5/2000	Lo
5,784,744 A	7/1998	Toran	6,088,873 A	7/2000	Pacchini et al.
5,842,243 A	12/1998	Horvath et al.	6,112,354 A	9/2000	Stoltz et al.
5,870,790 A	2/1999	Root et al.	6,164,496 A	12/2000	Gregory
5,956,792 A	9/1999	Gutelius et al.	6,374,447 B1	4/2002	Armbruster et al.
5,957,387 A	9/1999	Porta et al.	6,439,409 B1	8/2002	Dressel et al.
5,960,503 A	10/1999	Del Pozo Y Mattei	D489,151 S *	4/2004	Krieger et al. D32/15
6,009,593 A	1/2000	Crouser et al.	2003/0007788 A1 *	1/2003	Wang 15/320

* cited by examiner

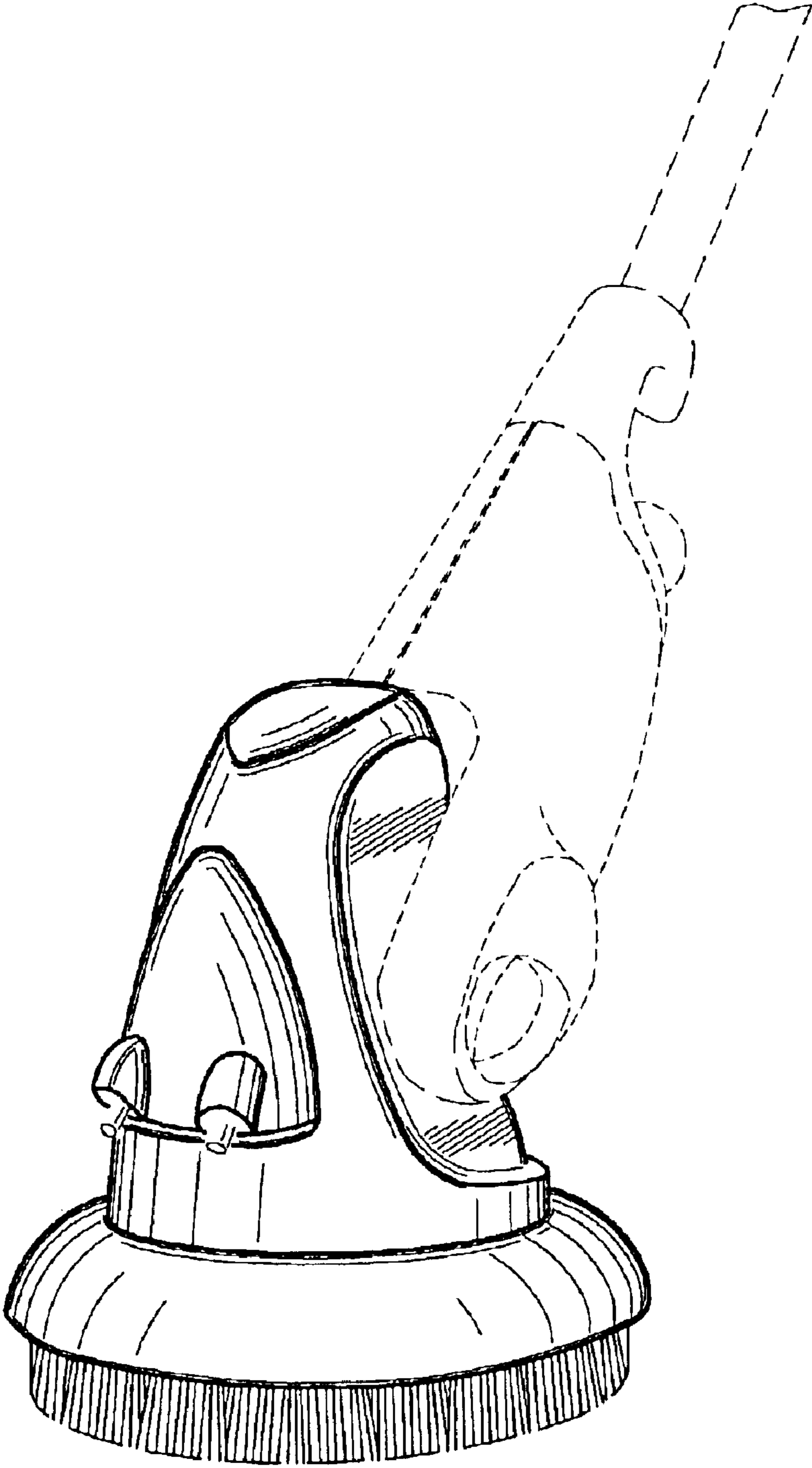


FIG - 1

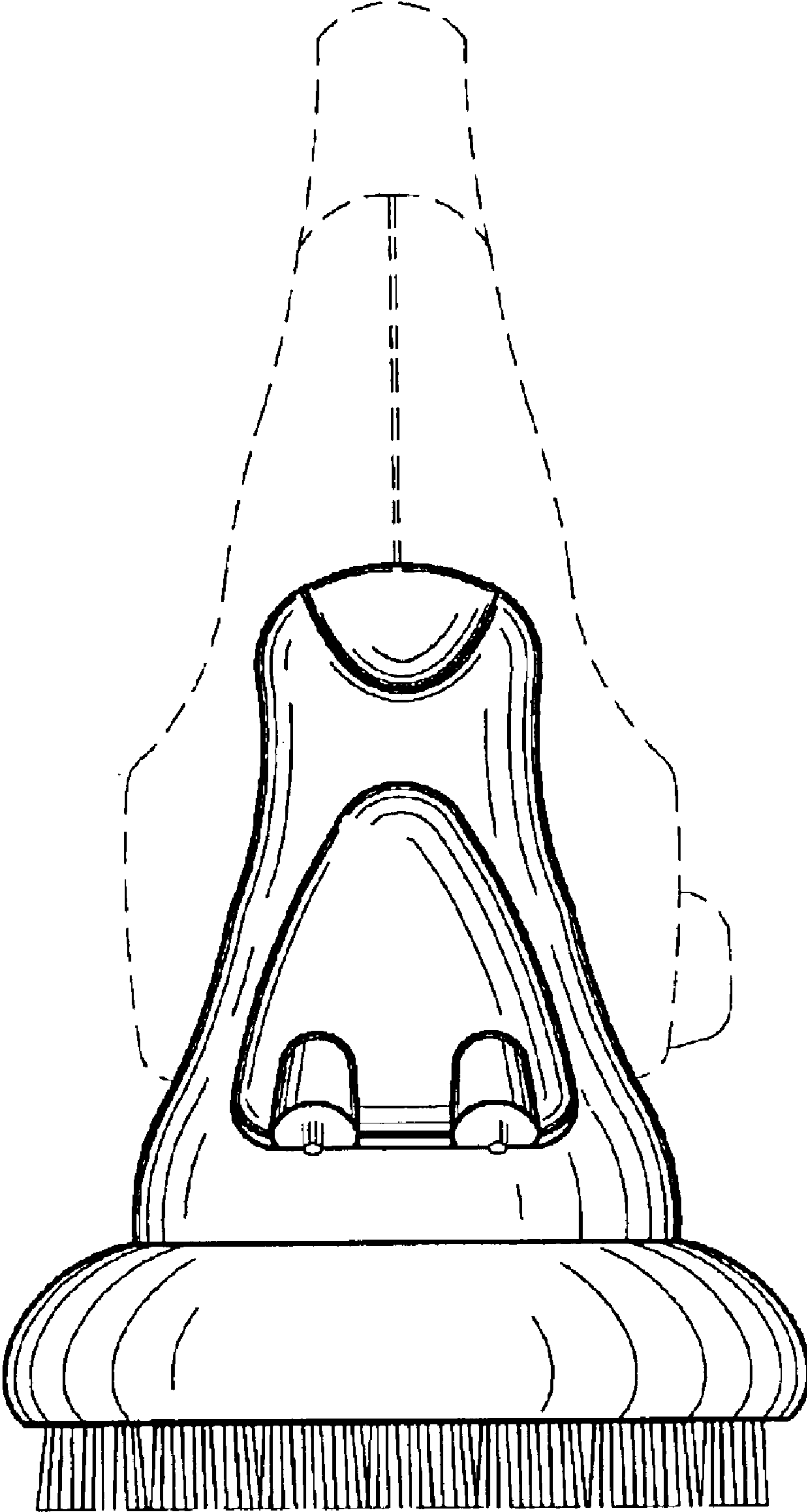


FIG - 2

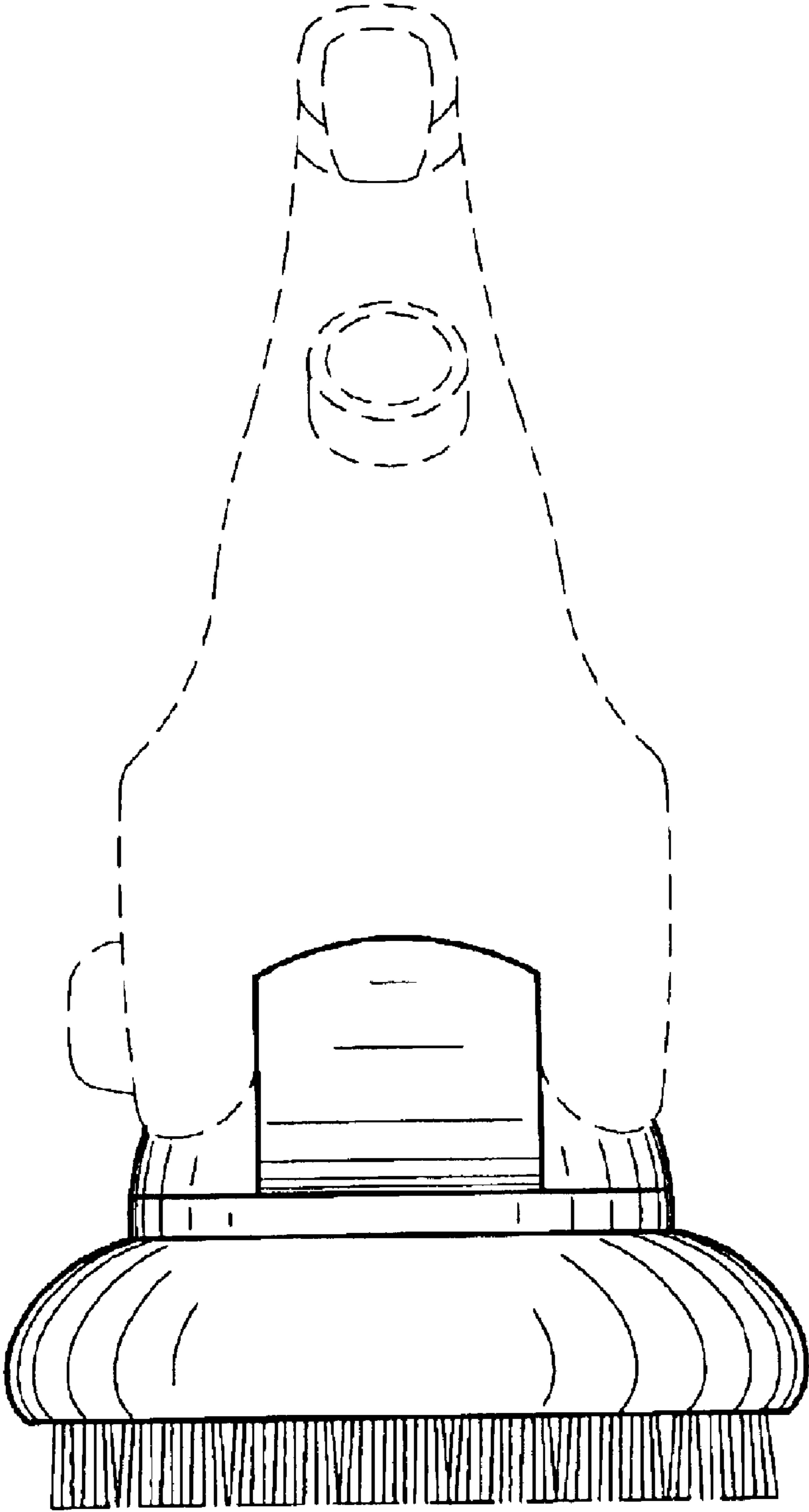


FIG - 3

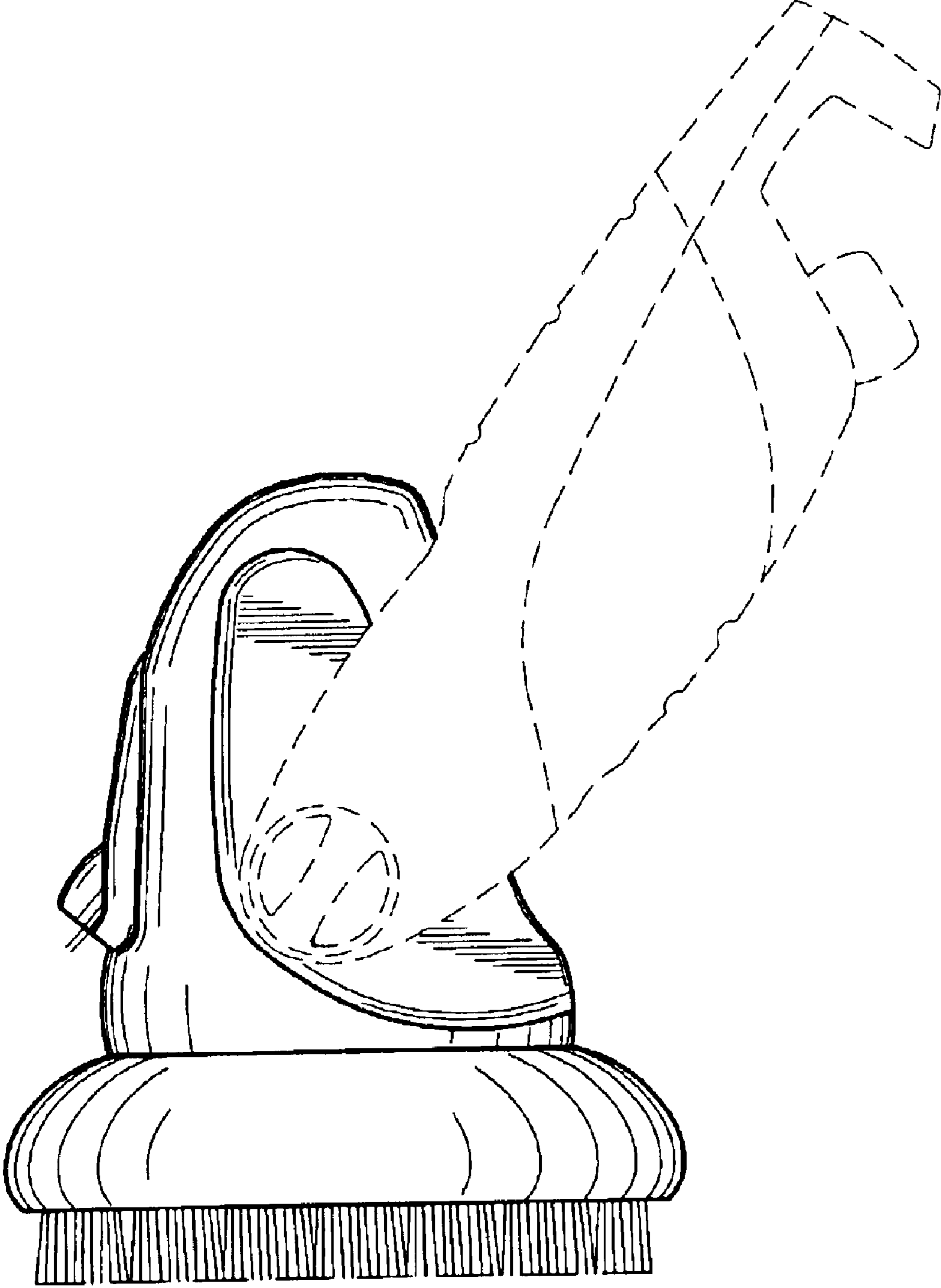


FIG - 4

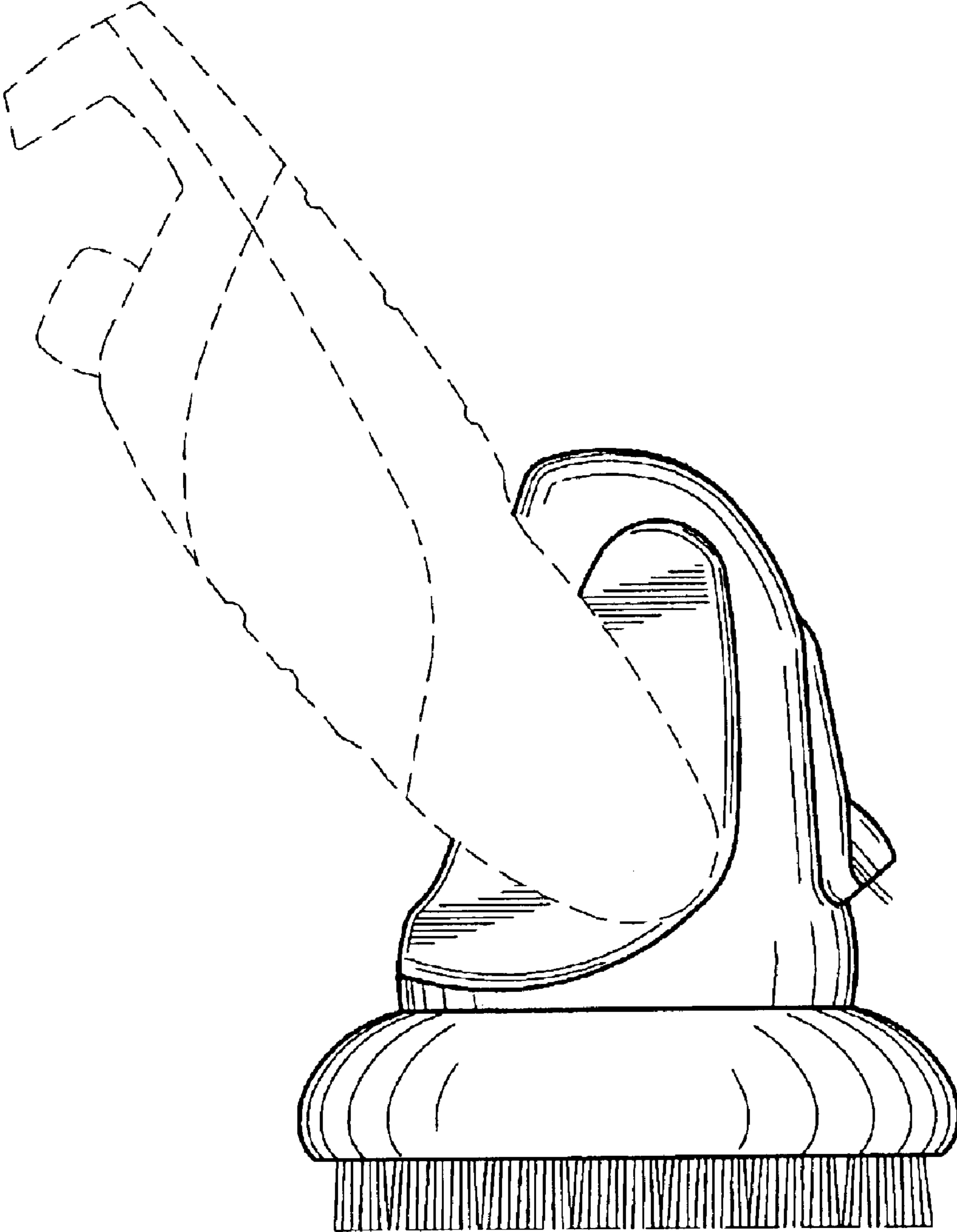


FIG - 5

FIG - 6

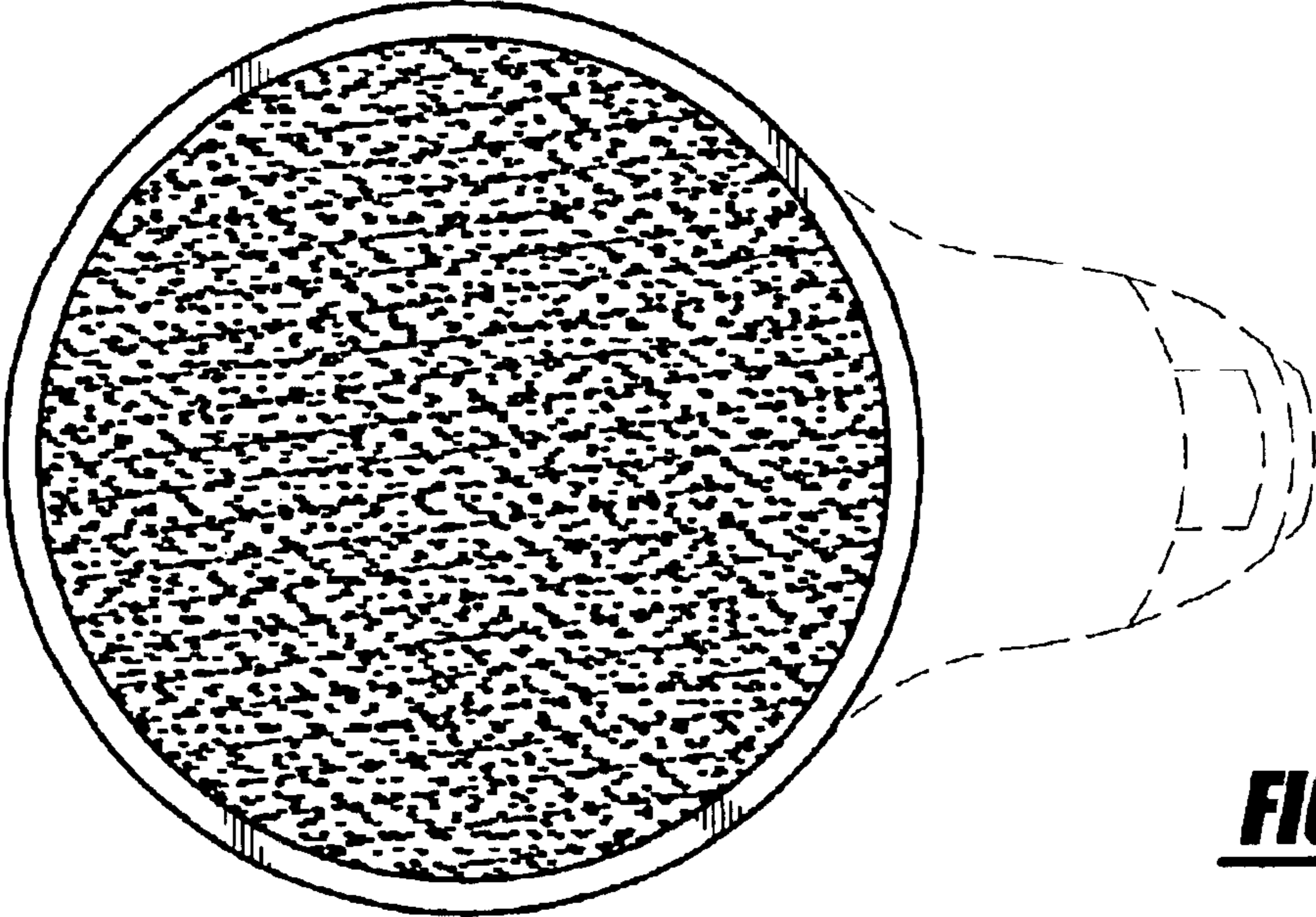
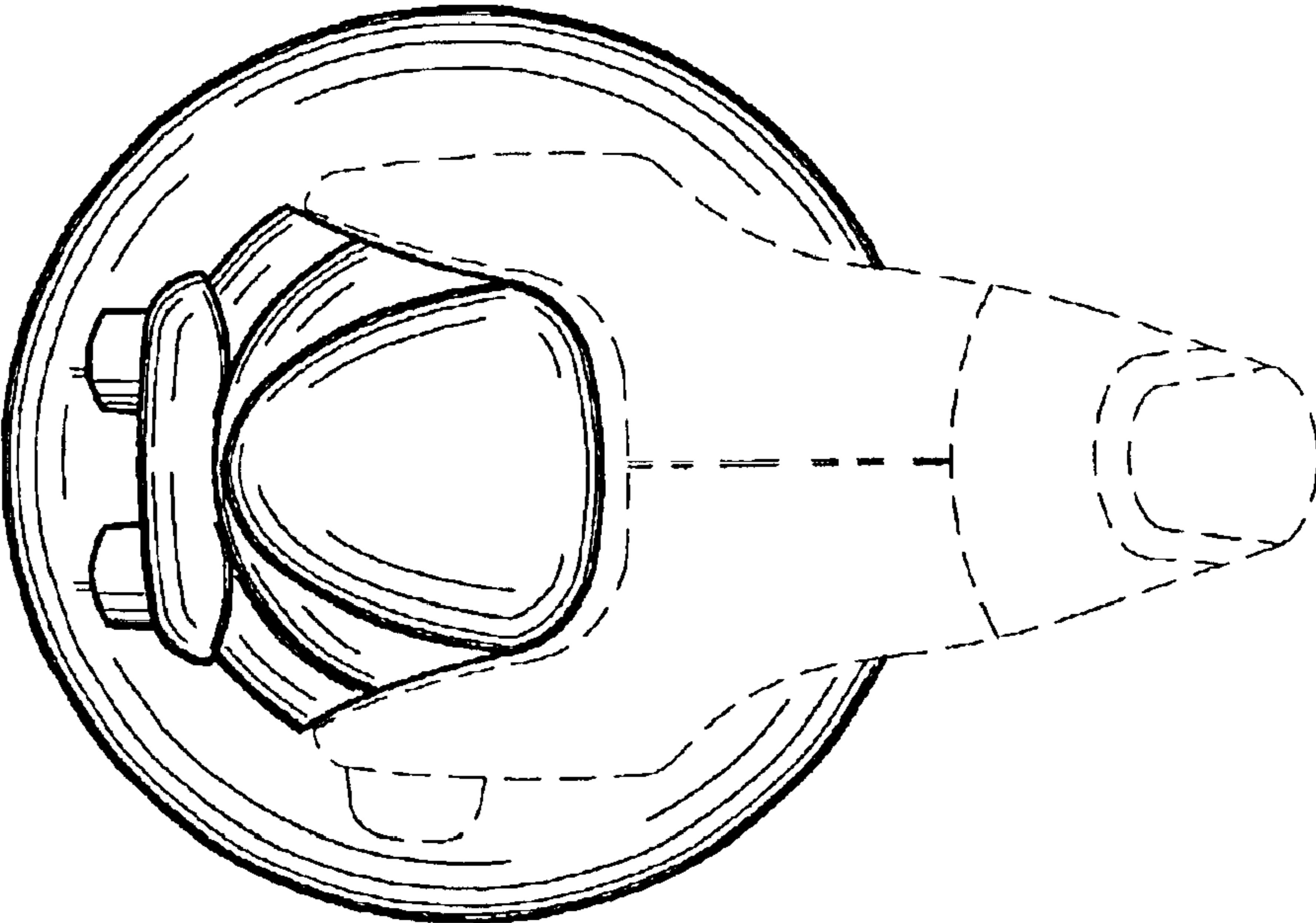


FIG - 7