

US00D406422S

United States Patent [19]

Burchard et al.

[11] Patent Number: Des. 406,422

[45] Date of Patent: **Mar. 2, 1999

[54] HANDLE FOR A VACUUM CLEANER

5,109,568	5/1992	Rohn et al.	15/410
5,337,443	8/1994	Steinberg et al.	15/344
5,343,590	9/1994	Radabaugh	15/319

[75] Inventors: **Thomas H. Burchard**, Winchester;
Michel D. Arney, Needham; **Gregg A. Flender**, Lexington, all of Mass.

FOREIGN PATENT DOCUMENTS

[73] Assignee: **Fantom Technologies, Inc.**, Welland, Canada

62859	4/1989	Canada	.
65796	4/1990	Canada	.
69693	12/1991	Canada	.
69998	2/1992	Canada	.
73145	9/1993	Canada	.
73554	12/1993	Canada	.
74612	8/1994	Canada	.
75282	12/1994	Canada	.
77472	11/1995	Canada	.
3140131 A1	4/1983	Germany	..... A47L 9/32
3204341 A1	8/1983	Germany	..... A47L 9/32
404197221 A	7/1992	Japan	..... A47L 5/38

[**] Term: **14 Years**

[21] Appl. No.: **72,484**

[22] Filed: **Jun. 18, 1997**

[30] Foreign Application Priority Data

Mar. 5, 1997 [CA] Canada 1997-0537

[51] LOC (6) Cl. **15-05**

[52] U.S. Cl. **D32/34**

[58] Field of Search D32/21-22, 31-34;
15/323, 347, 350, 351, 352, 410-411, 412,
415.1-422.1, 143.1, DIG. 10, 329, 327.1,
361

Primary Examiner—Ruth McInroy
Attorney, Agent, or Firm—Roberts & Mercanti, LLP

[57] CLAIM

The ornamental design for a handle for a vacuum cleaner, as shown.

DESCRIPTION

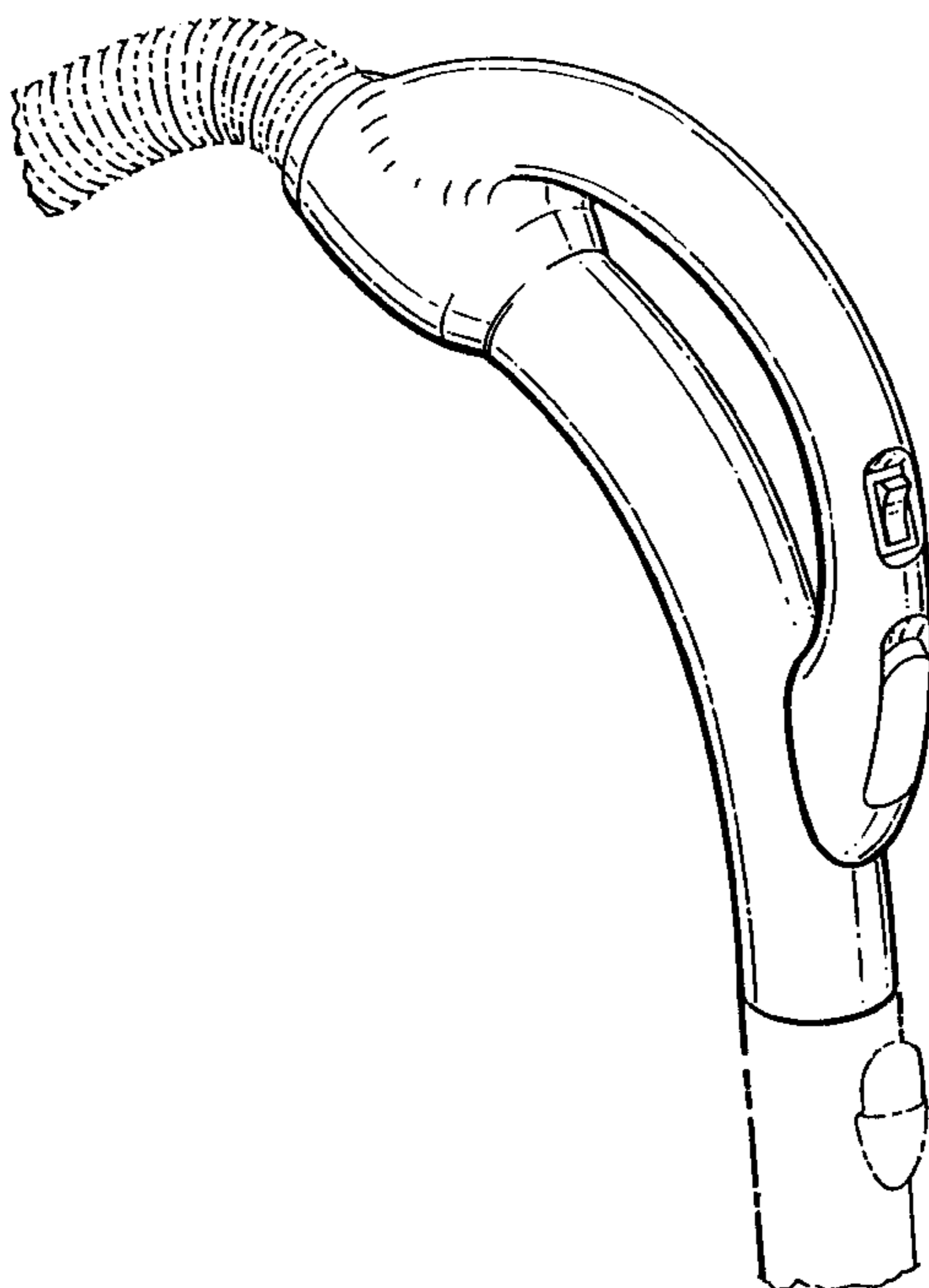
FIG. 1 is a front and side perspective view of a handle for a vacuum cleaner showing our new design;
FIG. 2 is a side elevational view thereof, the opposite side being a mirror image;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a top plan view thereof; and,
FIG. 6 is a bottom plan view thereof.
The details shown in broken lines on either side of the handle in FIG. 1 are shown for illustrative purposes only and form no part of the claimed design.

[56] References Cited

U.S. PATENT DOCUMENTS

D. 237,036	10/1975	Necoda	.
D. 298,875	12/1988	Nakamura	..... D32/18
D. 315,043	2/1991	Hayden	..... D32/34
D. 333,023	2/1993	Herron, Jr.	..... D32/34
D. 334,447	3/1993	Rohn	..... D32/34
D. 353,917	12/1994	Hoekstra et al.	..... D32/31
D. 364,014	11/1995	Langeland et al.	..... D32/34
D. 371,649	7/1996	Neshat et al.	..... D32/18
D. 374,318	10/1996	Meelen	..... D32/34
4,720,890	1/1988	Jacob	..... 15/323
4,915,640	4/1990	Hayden	..... 439/191
4,945,604	8/1990	Miner et al.	..... 15/344

1 Claim, 2 Drawing Sheets



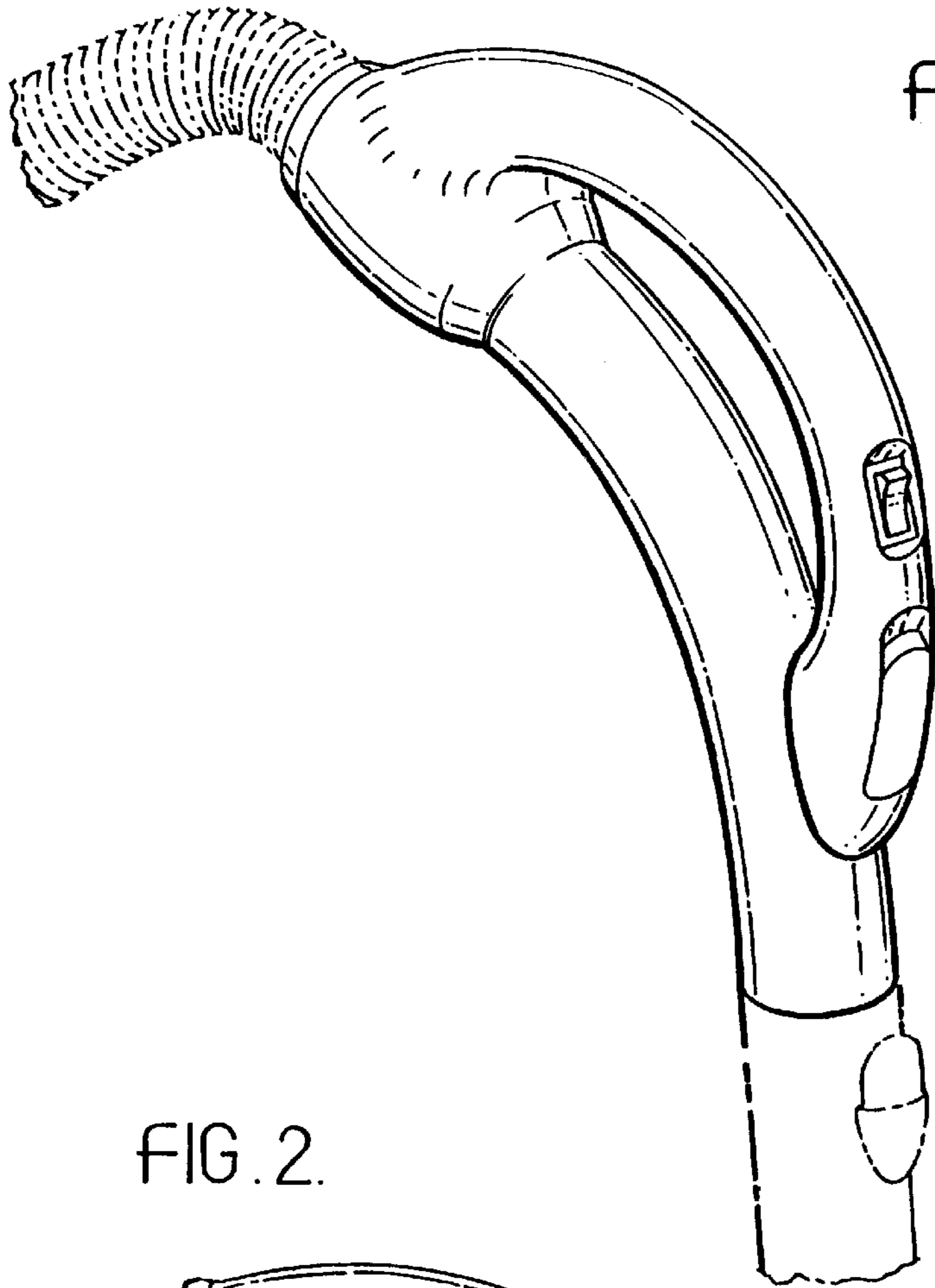


FIG. 1.

FIG. 2.

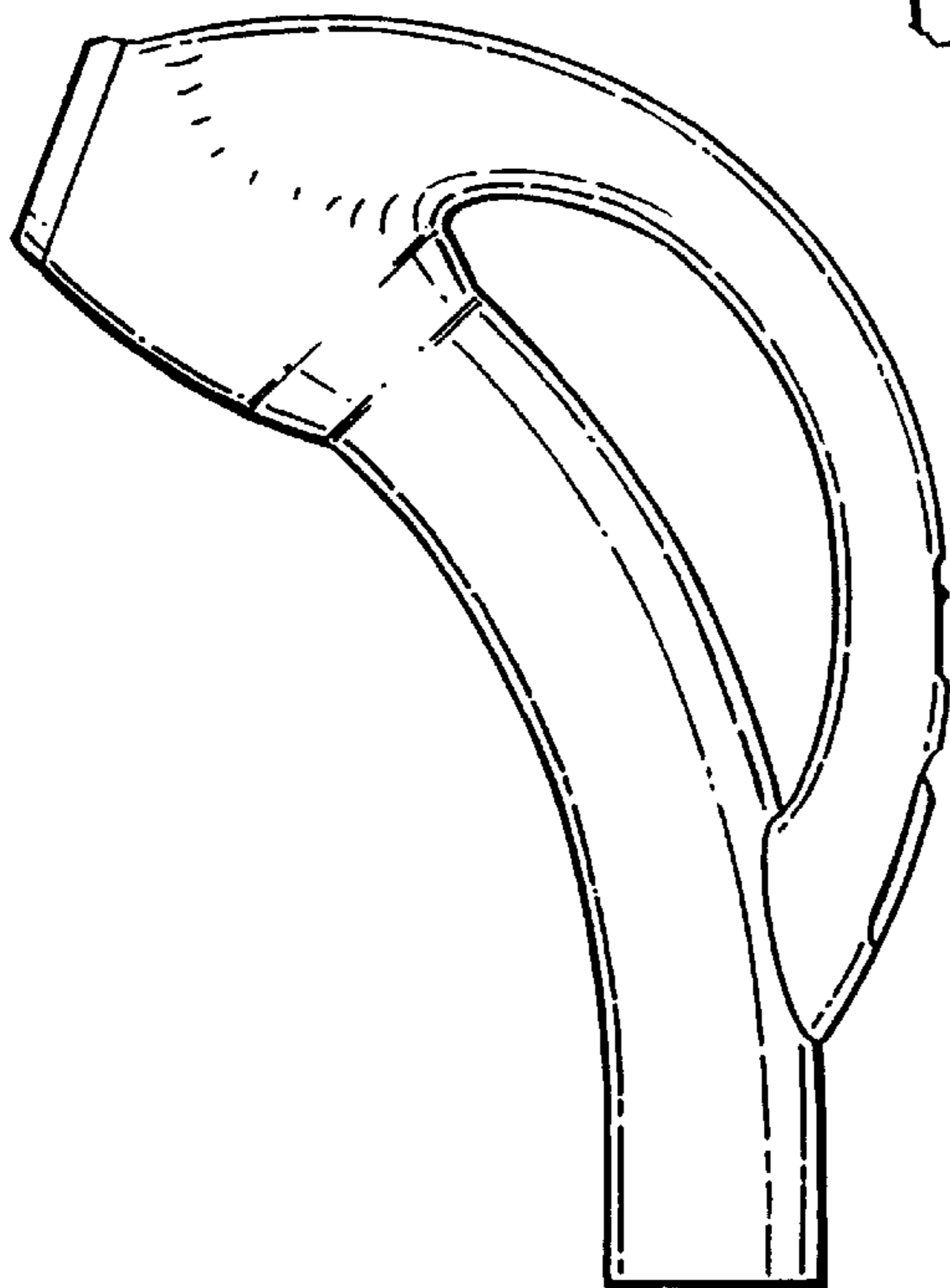


FIG. 3.

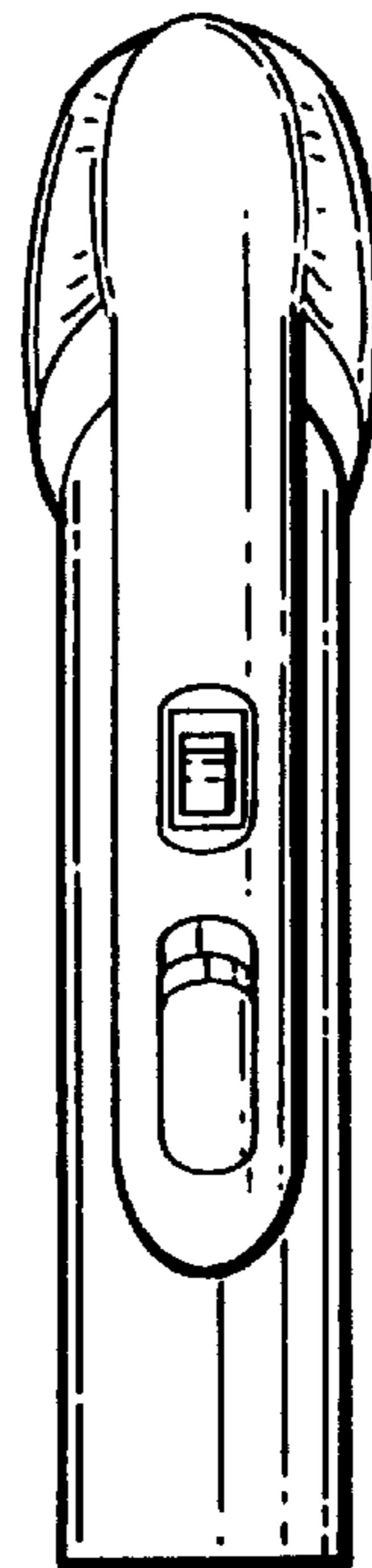


FIG. 4.

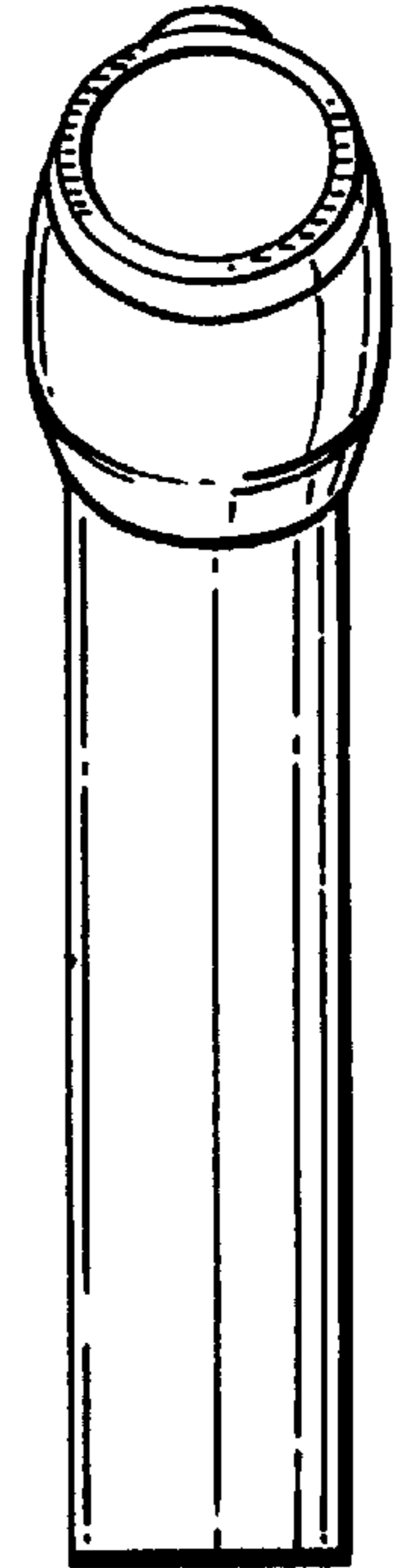


FIG. 5.

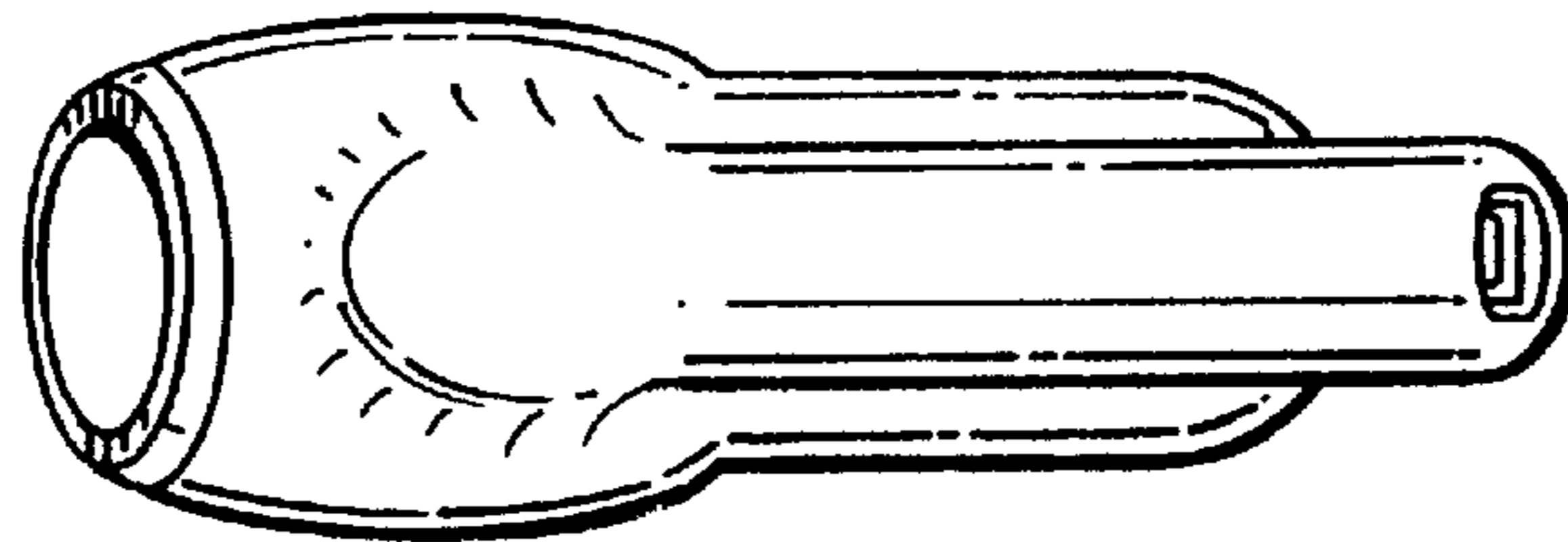


FIG. 6.

