



US00D457000S

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

(10) **Patent No.:** **US D457,000 S**

(45) **Date of Patent:** **** May 14, 2002**

- (54) **ELECTRONIC TOOTHBRUSH**
- (75) Inventor: **Jong Sik Lim, Rye, NY (US)**
- (73) Assignee: **Conair Corporation, Stamford, CT (US)**
- (**) Term: **14 Years**
- (21) Appl. No.: **29/135,492**
- (22) Filed: **Jan. 12, 2001**
- (51) **LOC (7) Cl.** **04-02**
- (52) **U.S. Cl.** **D4/104**
- (58) **Field of Search** D4/101, 104-112, D4/114, 134, 138, 127; 15/21.1, 22.1, 28, 29, 143.1, 159.1, 160, 176.1; 132/308, 311; 601/141, 142

5,461,744 A	10/1995	Merbach	.....	15/22.1
5,476,384 A	12/1995	Giuliani et al.	.....	433/216
5,613,259 A	3/1997	Craft et al.	.....	15/22.1
5,796,325 A	8/1998	Lundell et al.	.....	336/233
5,815,872 A	10/1998	Meginniss, III et al.	.....	15/22.1
D411,769 S	* 7/1999	Wright	.....	D4/101
5,994,855 A	11/1999	Lundell et al.	.....	318/114
6,140,723 A	10/2000	Matsui et al.	.....	310/81
6,140,802 A	10/2000	Lundell et al.	.....	320/136
D436,254 S	* 1/2001	Kling et al.	.....	D4/101

- (56) **References Cited**
- U.S. PATENT DOCUMENTS**
- 3,220,039 A 11/1965 Dayton et al. 15/28
- D210,349 S * 3/1968 Boldt D4/101
- 3,643,273 A 2/1972 Potters et al. 15/22 R
- 3,848,336 A 11/1974 Copeland 32/59
- 4,665,921 A 5/1987 Teranishi et al. 128/422
- 4,827,550 A 5/1989 Graham et al. 15/22 R
- 4,827,552 A 5/1989 Bojar et al. 15/28
- 5,054,149 A 10/1991 Si-Hoe et al. 15/28
- 5,309,590 A 5/1994 Giuliani et al. 15/22.1
- 5,311,632 A 5/1994 Center 15/22.1
- 5,421,726 A 6/1995 Okada 433/216
- D361,433 S * 8/1995 Yang D4/101
- 5,448,792 A 9/1995 Wiedemann et al. 15/22.1

FOREIGN PATENT DOCUMENTS

EP 0 254 397 1/1988

* cited by examiner

Primary Examiner—Lisa Lichtenstein
(74) *Attorney, Agent, or Firm*—Ohlandt, Greeley, Ruggiero & Perle, LLP

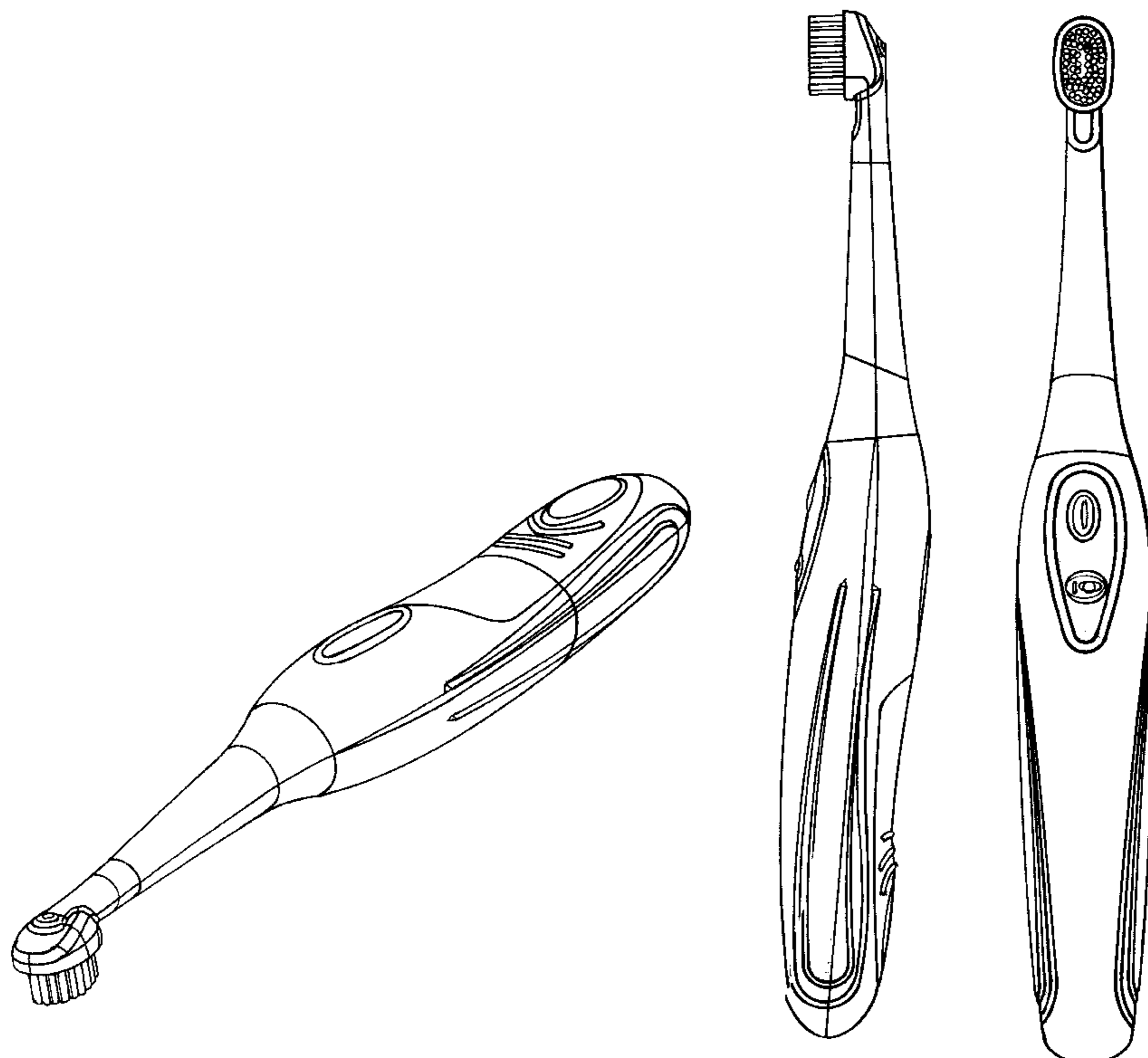
(57) **CLAIM**

The ornamental design for the electronic toothbrush, as shown and described in the accompanying figures.

DESCRIPTION

FIG. 1 is a perspective view of an electronic toothbrush according to the present invention;
FIG. 2 is a side view of the electronic toothbrush of FIG. 1, the opposite side being a mirror image of that shown;
FIG. 3 is a rear view of the electronic toothbrush of FIG. 1; and,
FIG. 4 is a front view of the electronic toothbrush of FIG. 1.

1 Claim, 4 Drawing Sheets



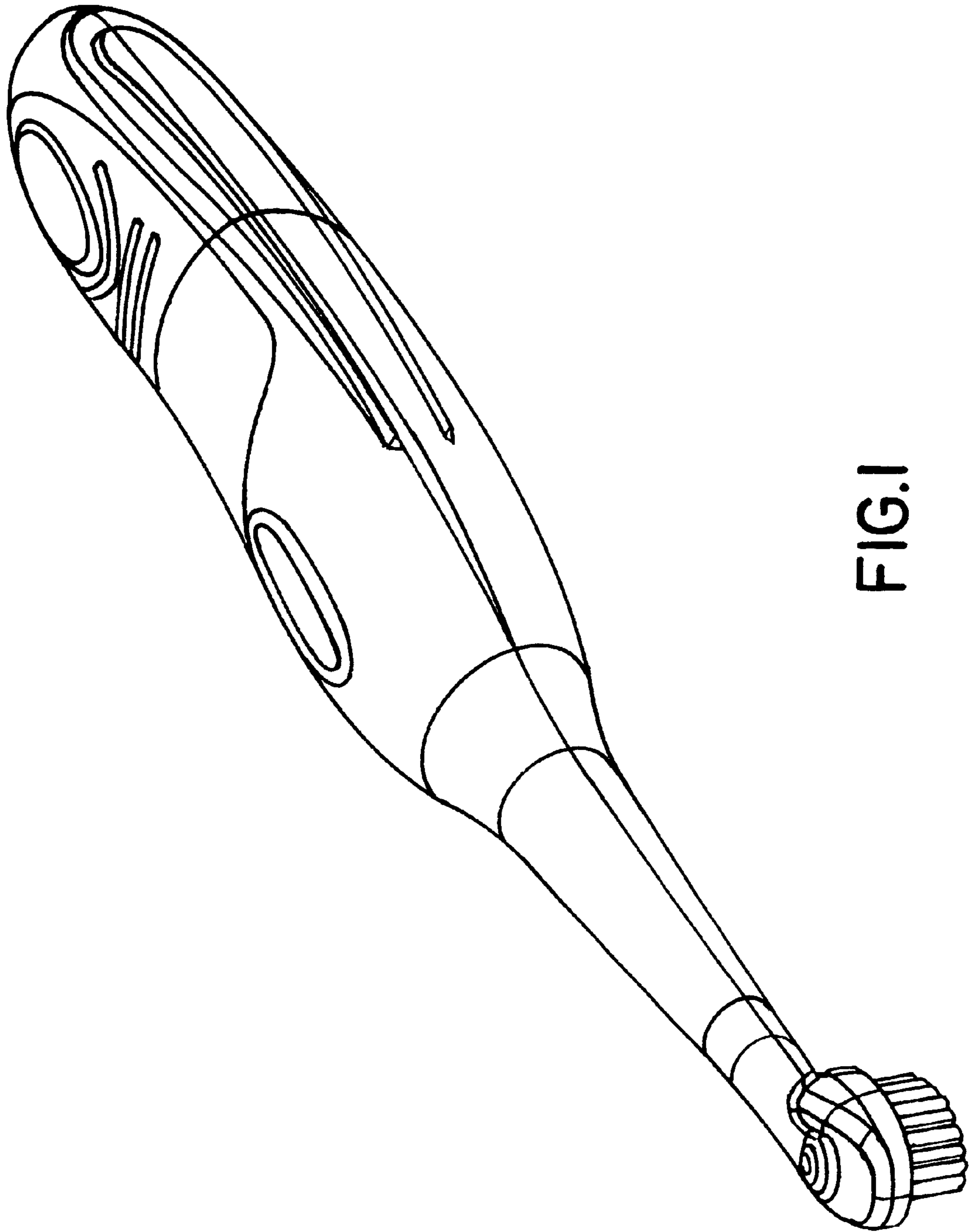


FIG.1

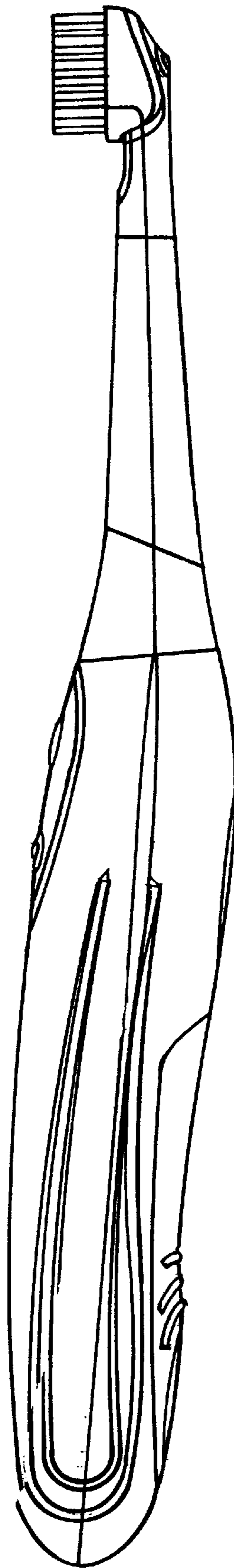


FIG.2

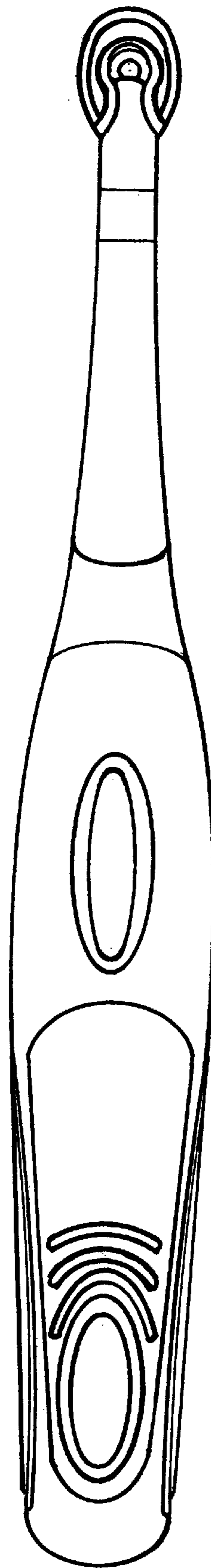


FIG.3

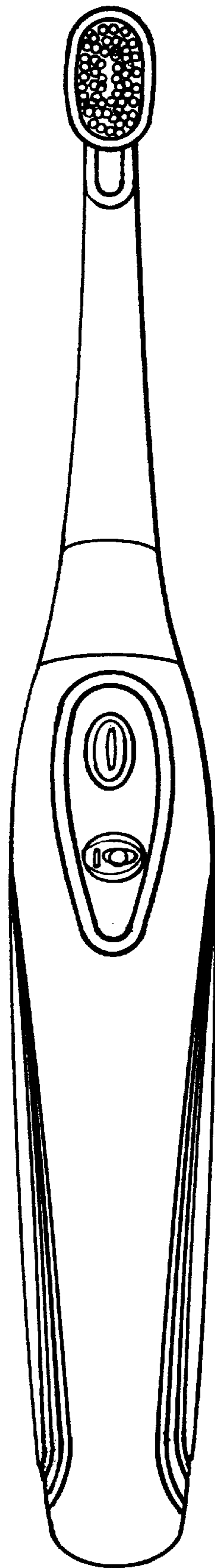


FIG.4