



US00D834322S

(12) **United States Design Patent** (10) **Patent No.:** **US D834,322 S**
Sohn (45) **Date of Patent:** **** Nov. 27, 2018**

(54) **BATTERY POWERED TOOTHBRUSH WITH CYLINDRICAL BRUSH**

(71) Applicant: **One Star International Co., Ltd.**, Incheon (KR)

(72) Inventor: **Jae Hoon Sohn**, Incheon (KR)

(73) Assignee: **One Star International Co., Ltd.**, Incheon (KR)

(**) Term: **15 Years**

(21) Appl. No.: **29/588,428**

(22) Filed: **Dec. 20, 2016**

(51) **LOC (11) Cl.** **04-02**

(52) **U.S. Cl.**
USPC **D4/101; D4/109**

(58) **Field of Classification Search**
USPC D4/100, 101, 102, 104, 105, 106, 108, D4/109, 111, 128; D24/119, 152, 176
CPC .. A46B 5/00; A46B 5/021; A46B 9/04; A46B 9/10; A46B 2200/106
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D232,278 S	8/1974	Gallo	
D298,182 S *	10/1988	Tarrson	D4/104
D303,043 S *	8/1989	Tarrson	D4/104
D321,287 S *	11/1991	Woll	D4/106
D344,631 S *	3/1994	Reedy	D4/101
D424,303 S	5/2000	Tobals	
6,170,107 B1	1/2001	George	
D455,012 S	4/2002	Perez	
6,582,224 B1	6/2003	Liken	
D492,116 S *	6/2004	Nanda	D4/101
D536,528 S *	2/2007	Grant	D4/108
D627,566 S *	11/2010	Smith	D4/108
7,992,246 B2	8/2011	Takeuchi	
D696,517 S *	12/2013	Gebski	D4/101
D702,947 S	4/2014	Lee	

D718,057 S *	11/2014	Massee	D4/101
D743,173 S	11/2015	Sohn	
D759,381 S *	6/2016	Watkins	D4/101
D778,057 S *	2/2017	Sohn	D4/101
D780,455 S *	3/2017	Kandemir	D4/101

FOREIGN PATENT DOCUMENTS

JP D1582183 * 7/2017

* cited by examiner

Primary Examiner — Karen S Acker

Assistant Examiner — Jasmine Mlinarcik

(74) *Attorney, Agent, or Firm* — Robert J. Lauson; Lauson & Tarver LLP

(57) **CLAIM**

I claim the ornamental design for a battery powered toothbrush with cylindrical brush, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the battery powered toothbrush with cylindrical brush.

FIG. 2 is an enlarged top view thereof.

FIG. 3 is an enlarged bottom view thereof.

FIG. 4 is a right side view thereof, the left side being a mirror image.

FIG. 5 is a front view thereof.

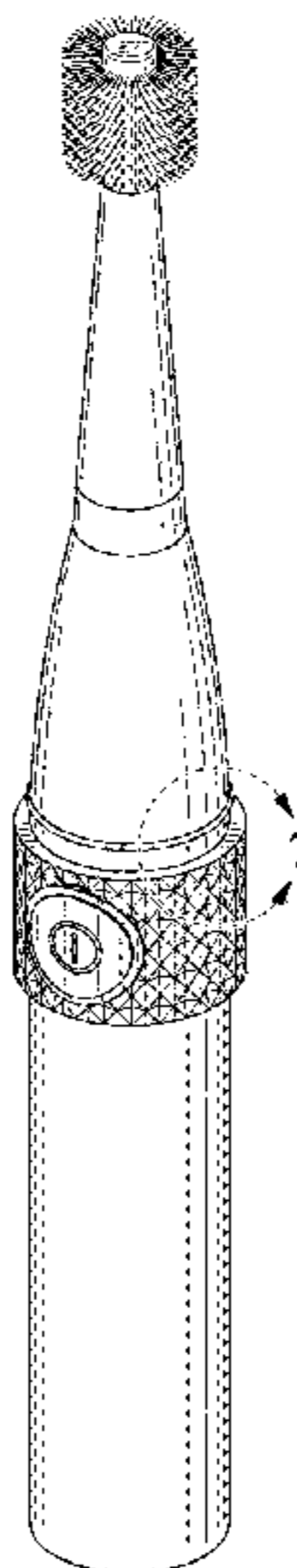
FIG. 6 is a rear view thereof.

FIG. 7 is an enlarged perspective view of area 7 indicated in FIG. 1; and,

FIG. 8 is a cross-sectional view taken along line 8-8 in FIG. 7.

The broken lines along the bottom of the battery powered toothbrush with cylindrical brush in FIG. 3 depict portions of the article that form no part of the claimed design. The broken lines in FIGS. 1, 7 and 8 define the bounds of the enlarged detail view and cross sectional view, and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



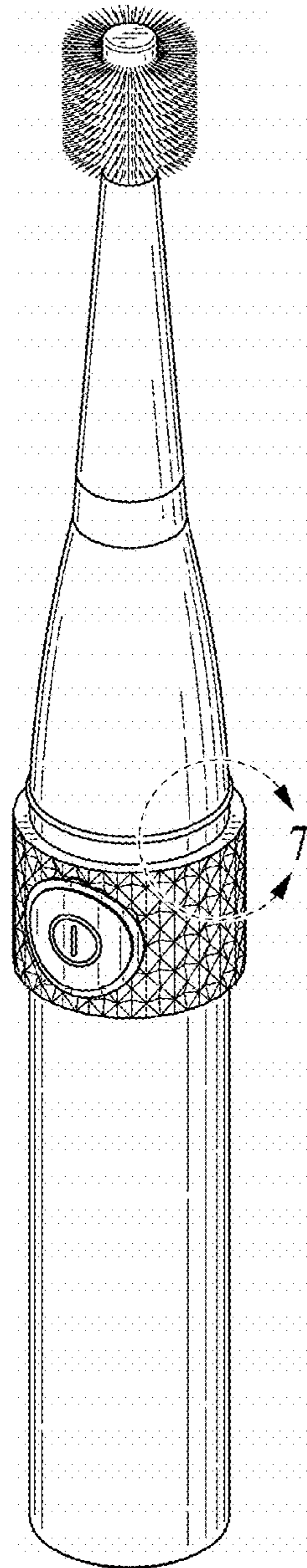


FIG. 1

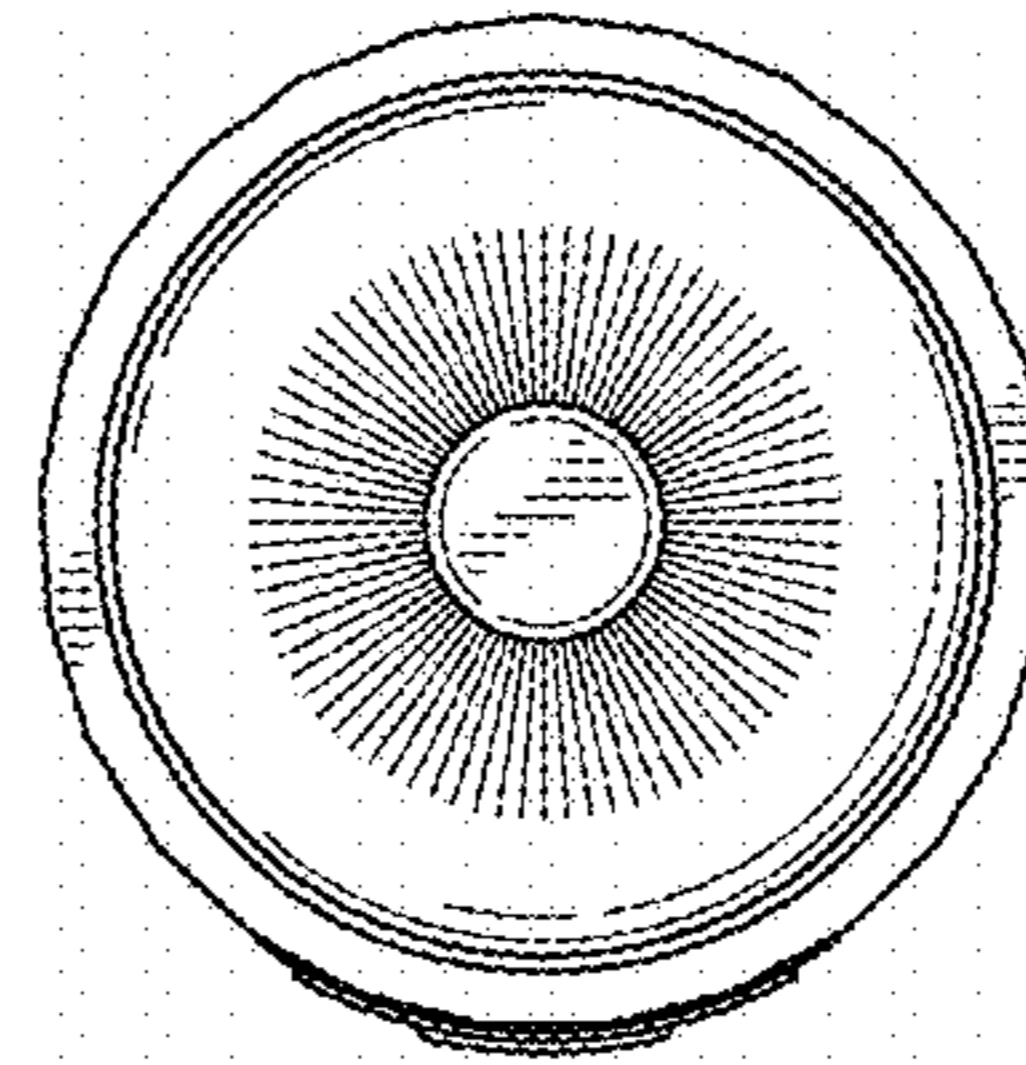


FIG. 2

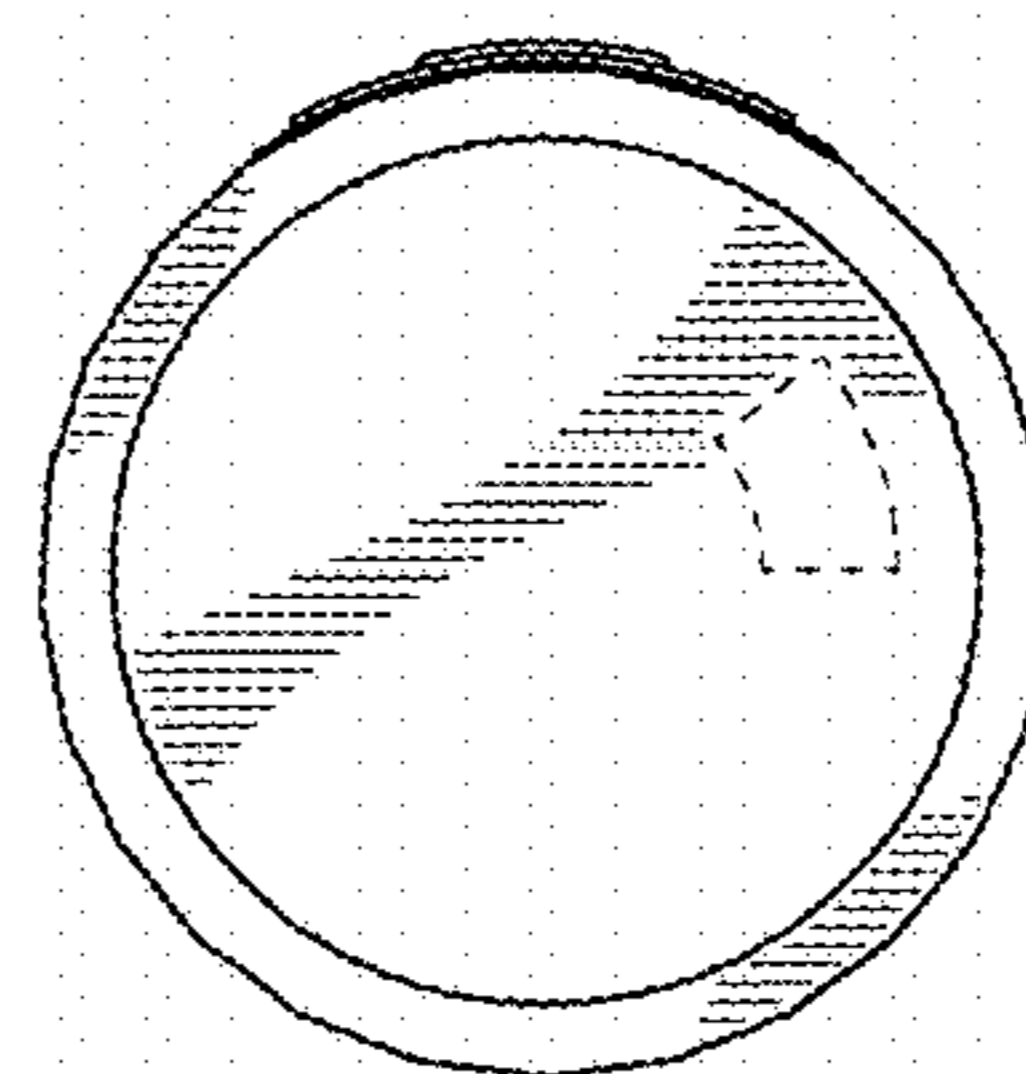


FIG. 3

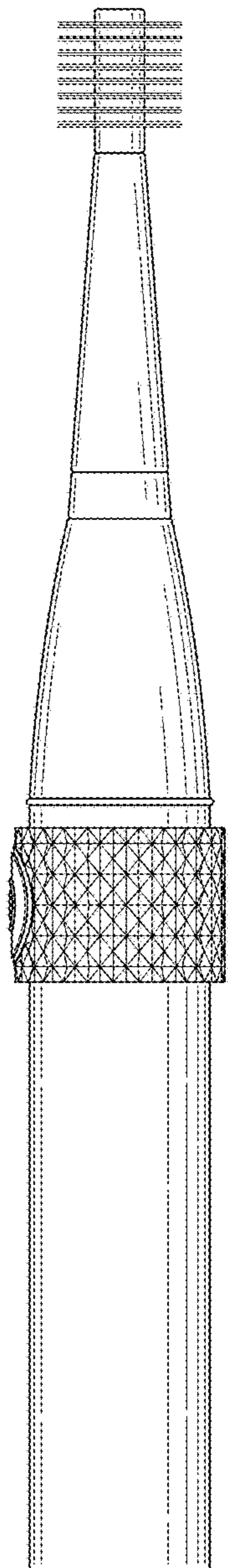


FIG. 4

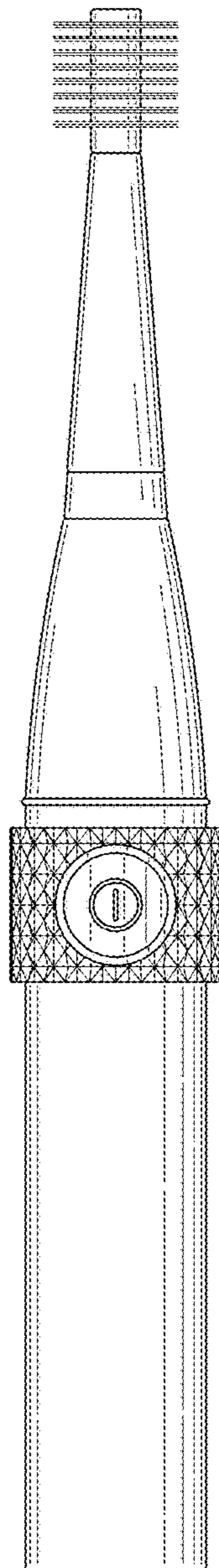


FIG. 5

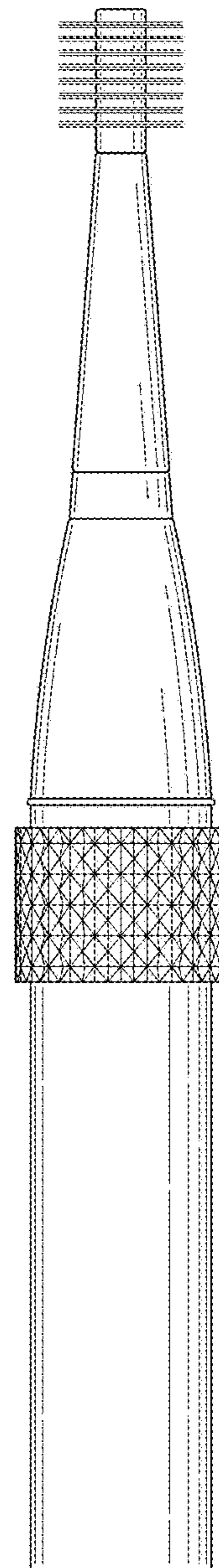


FIG. 6

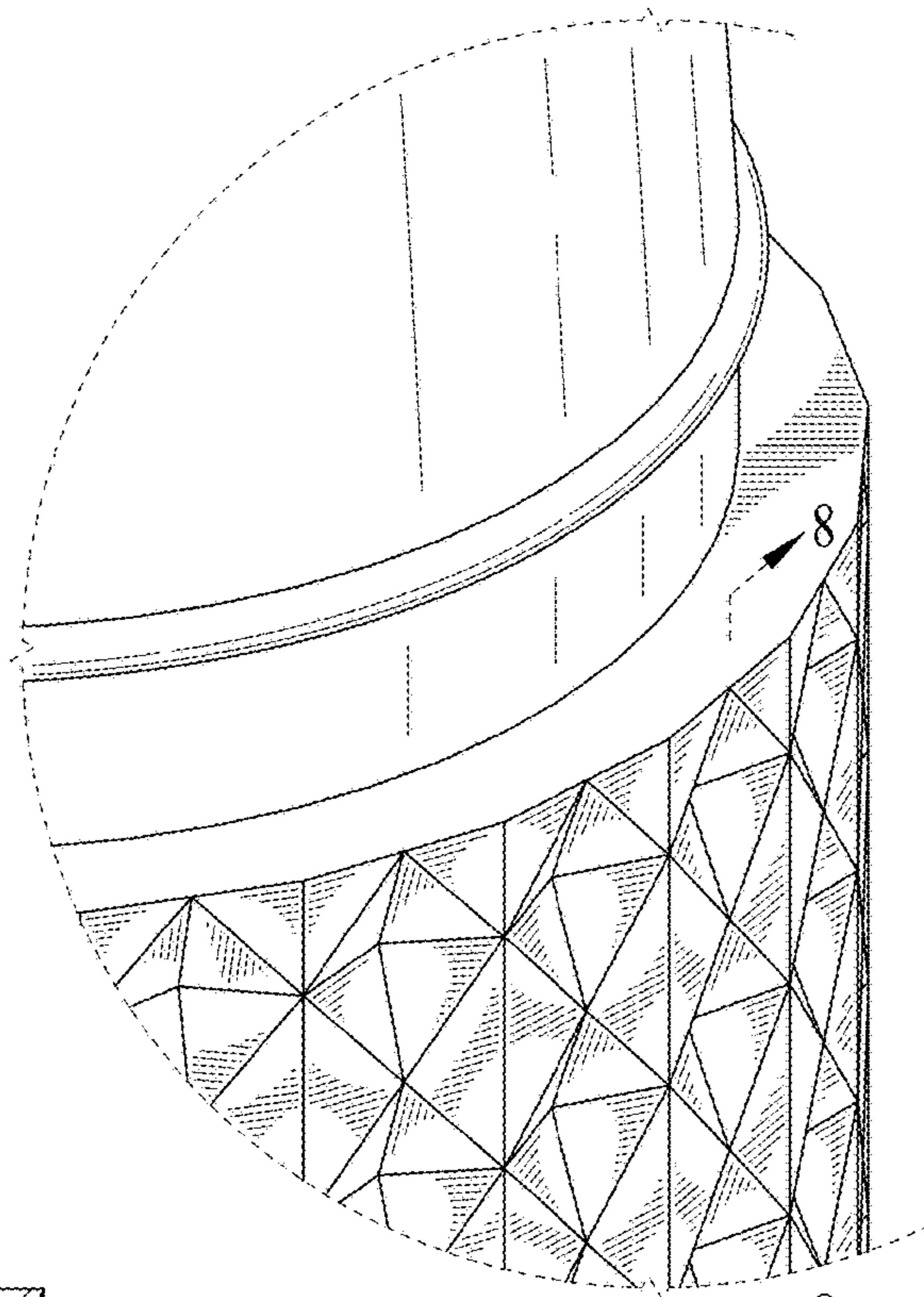


FIG. 7

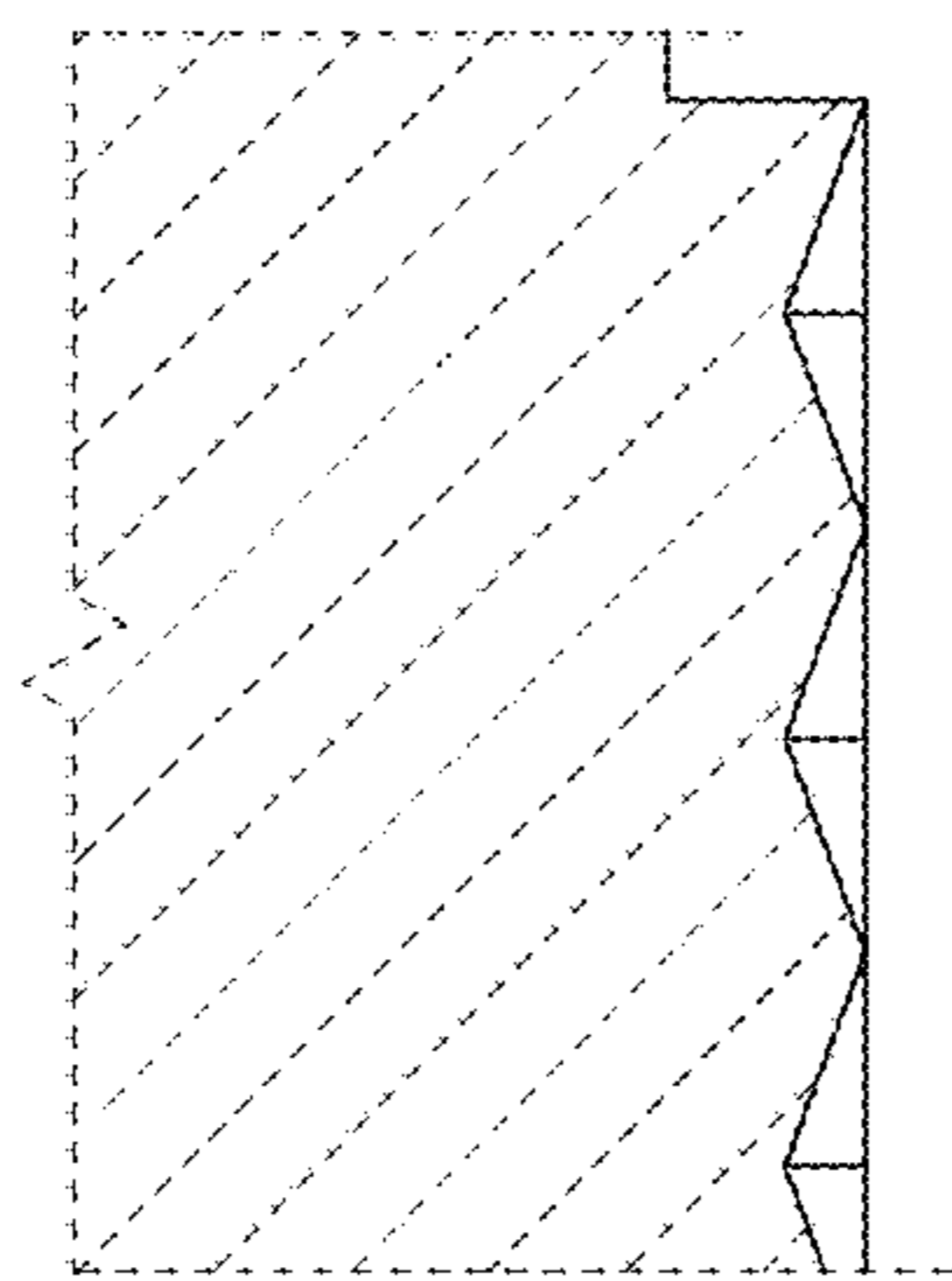


FIG. 8