



US00D743656S

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

(10) **Patent No.:** **US D743,656 S**  
(45) **Date of Patent:** **\*\* Nov. 17, 2015**

- (54) **HOSE FOR CLEANER**
- (71) Applicant: **Samsung Electronics Co., Ltd.**,  
Suwon-si (KR)
- (72) Inventors: **In Hee Kim**, Seoul (KR); **YoungSung Lee**, Seoul (KR)
- (73) Assignee: **Samsung Electronics Co., Ltd.**,  
Suwon-si (KR)
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/484,486**
- (22) Filed: **Mar. 10, 2014**
- (30) **Foreign Application Priority Data**  
Sep. 13, 2013 (KR) ..... 30-2013-0047568
- (51) **LOC (10) Cl.** ..... **15-05**
- (52) **U.S. Cl.**  
USPC ..... **D32/31**
- (58) **Field of Classification Search**  
USPC ..... D23/266; D32/31; 15/414, 314-315;  
285/7; D5/1  
CPC ..... F16L 11/121; F16L 11/15; F16L 11/16;  
F16L 11/08  
See application file for complete search history.

- (56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
D21,561 S \* 5/1892 Wilkinson ..... D23/266  
D46,944 S \* 2/1915 Coughlin ..... D23/266  
D180,850 S \* 8/1957 Stahl ..... D23/266  
D213,828 S \* 4/1969 Blake ..... D23/266  
D222,643 S \* 11/1971 Martin et al. .... D23/266  
3,658,097 A \* 4/1972 Martin et al. .... 138/121  
D267,906 S \* 2/1983 Parise et al. .... D32/31  
D294,413 S \* 2/1988 Berfield et al. .... D32/31  
D294,414 S \* 2/1988 Berfield et al. .... D32/31

- D296,356 S \* 6/1988 Kanao ..... D23/266
- D299,772 S \* 2/1989 Smith ..... D32/31
- D300,574 S \* 4/1989 Smith ..... D32/31
- D330,615 S \* 10/1992 Essex et al. .... D32/31
- D330,616 S \* 10/1992 Wareham et al. .... D32/31
- D330,787 S \* 11/1992 Waltz et al. .... D32/31
- D333,020 S \* 2/1993 McKnight ..... D32/31
- D334,261 S \* 3/1993 McKnight ..... D32/31
- D344,821 S \* 3/1994 McKnight ..... D32/31
- D344,822 S \* 3/1994 Miller et al. .... D32/31
- D356,407 S \* 3/1995 Smith ..... D32/31
- D381,482 S \* 7/1997 Medema et al. .... D32/31
- D384,453 S \* 9/1997 Bartz ..... D32/31
- D413,657 S \* 9/1999 Lidgett ..... D23/266
- D413,968 S \* 9/1999 Lester et al. .... D23/266
- D419,653 S \* 1/2000 Lidgett ..... D23/266
- D425,184 S \* 5/2000 Lidgett ..... D23/266
- D443,344 S \* 6/2001 Evans ..... D23/266
- D478,969 S \* 8/2003 Mezzalira ..... D23/266
- D531,708 S \* 11/2006 Wagner et al. .... D23/266
- D532,947 S \* 11/2006 Muscarella ..... D32/31
- 7,159,270 B2 \* 1/2007 Genoa et al. .... 15/314
- D605,737 S \* 12/2009 von Glanstaetten et al. D23/266
- D611,576 S \* 3/2010 Tokuno ..... D23/266
- D613,378 S \* 4/2010 Hinson ..... D23/266

(Continued)

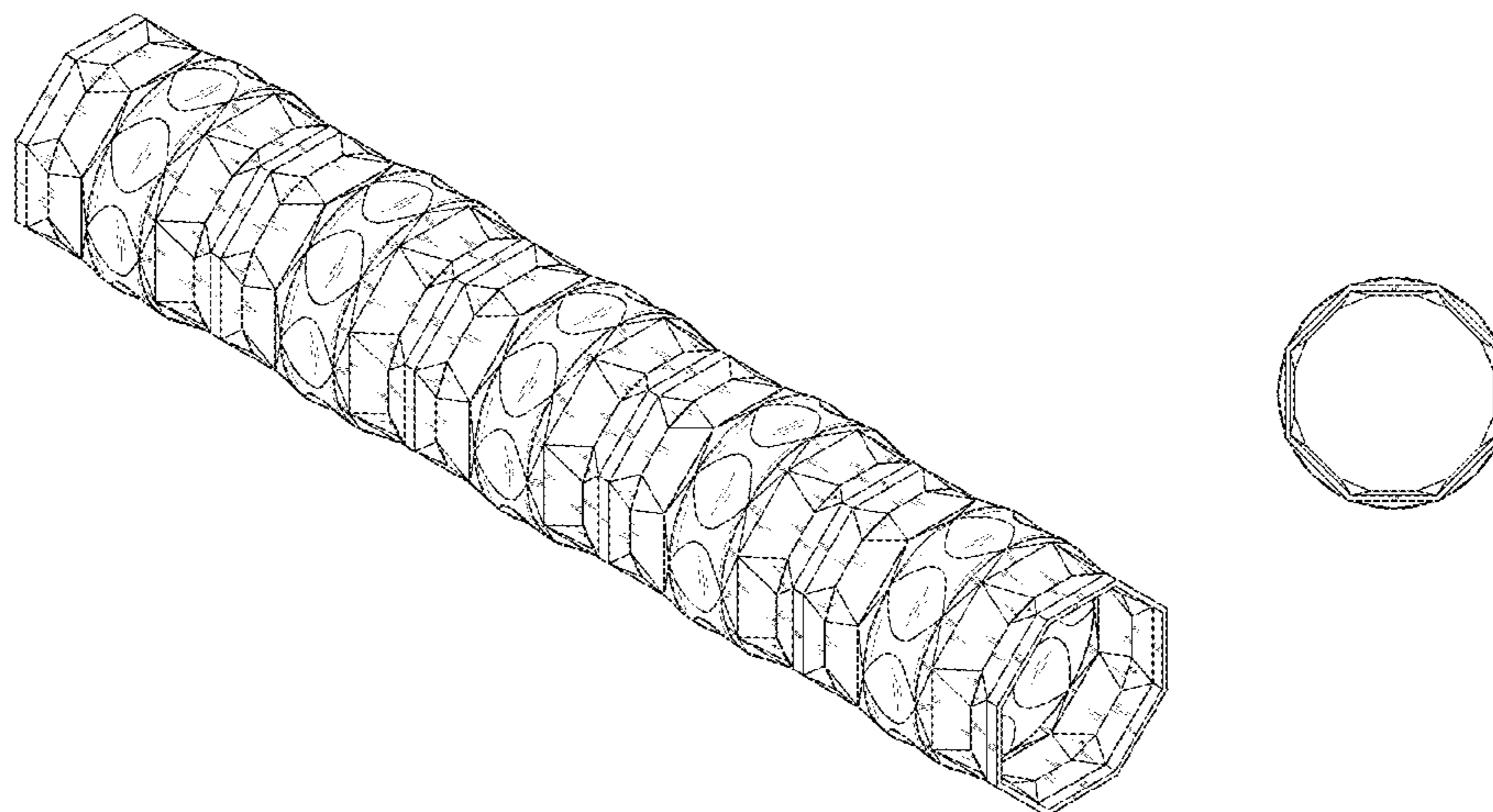
*Primary Examiner* — Ruth McInroy  
(74) *Attorney, Agent, or Firm* — NSIP Law

(57) **CLAIM**  
The ornamental design for a hose for cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a hose for cleaner showing our new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left-side view thereof;  
FIG. 5 is a right-side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D642,245 S \* 7/2011 Mezzalira et al. .... D23/266  
D642,246 S \* 7/2011 Mezzalira et al. .... D23/266  
D671,196 S \* 11/2012 Montalvo et al. .... D23/266  
D723,670 S \* 3/2015 Lorraine ..... D23/266

D724,187 S \* 3/2015 Savage et al. .... D23/266  
D728,756 S \* 5/2015 Savage et al. .... D23/266  
D731,033 S \* 6/2015 Kury ..... D23/266  
2003/0221736 A1\* 12/2003 Laurent et al. .... 138/123  
2014/0102578 A1\* 4/2014 Bartel et al. .... 138/123

\* cited by examiner

FIG. 1

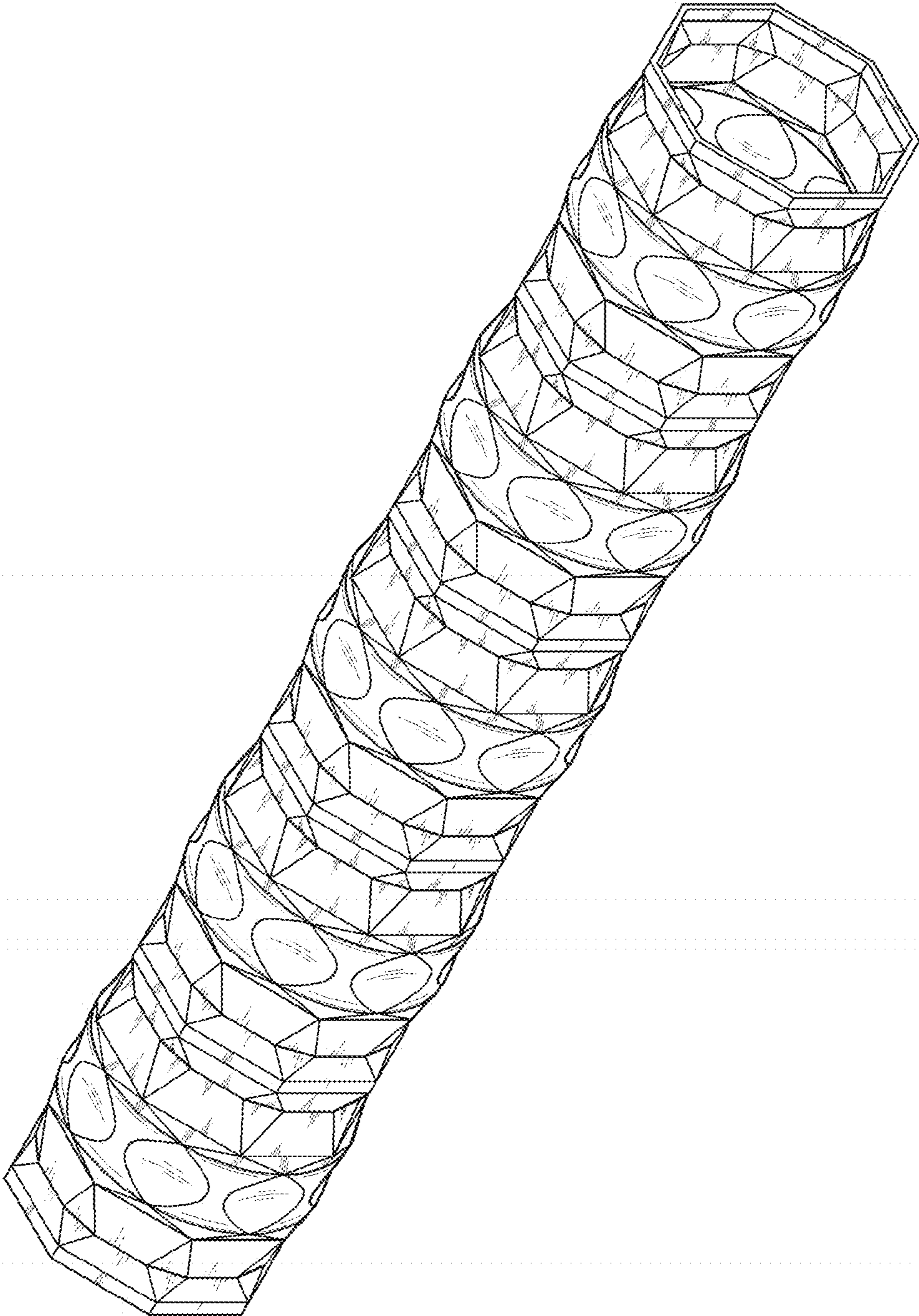


FIG. 2

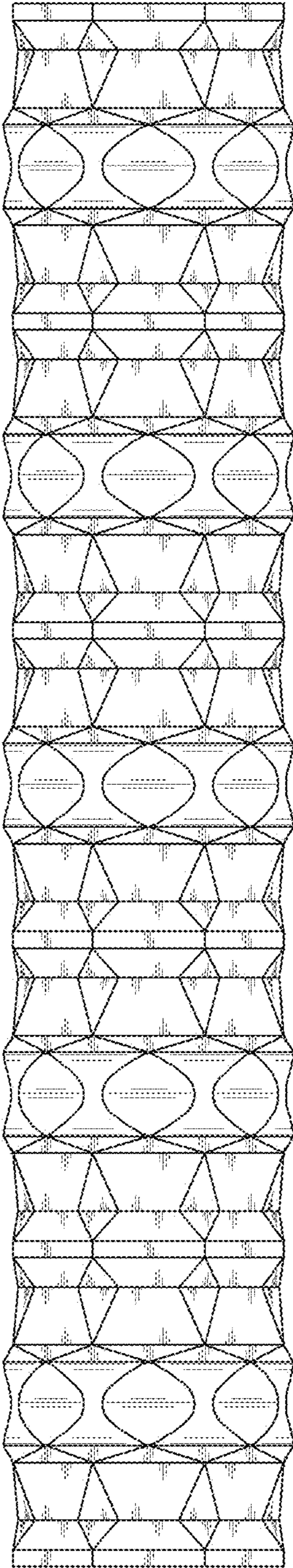


FIG. 3

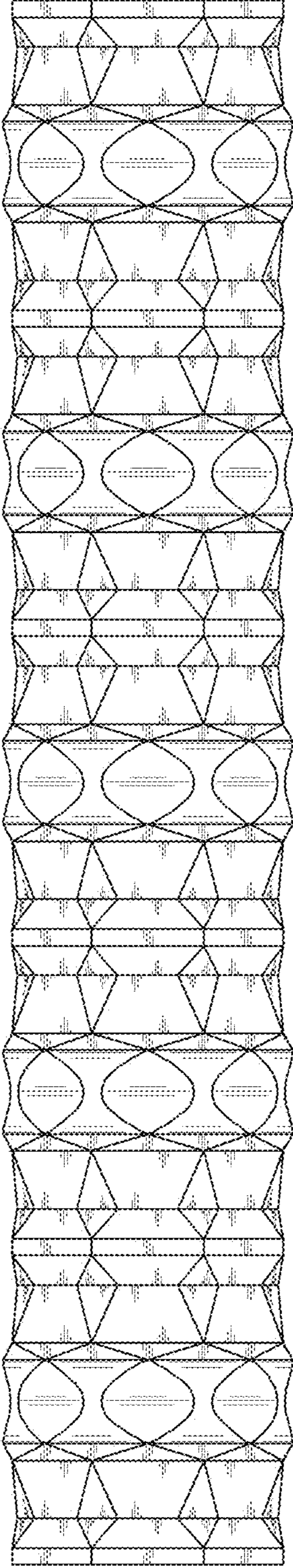
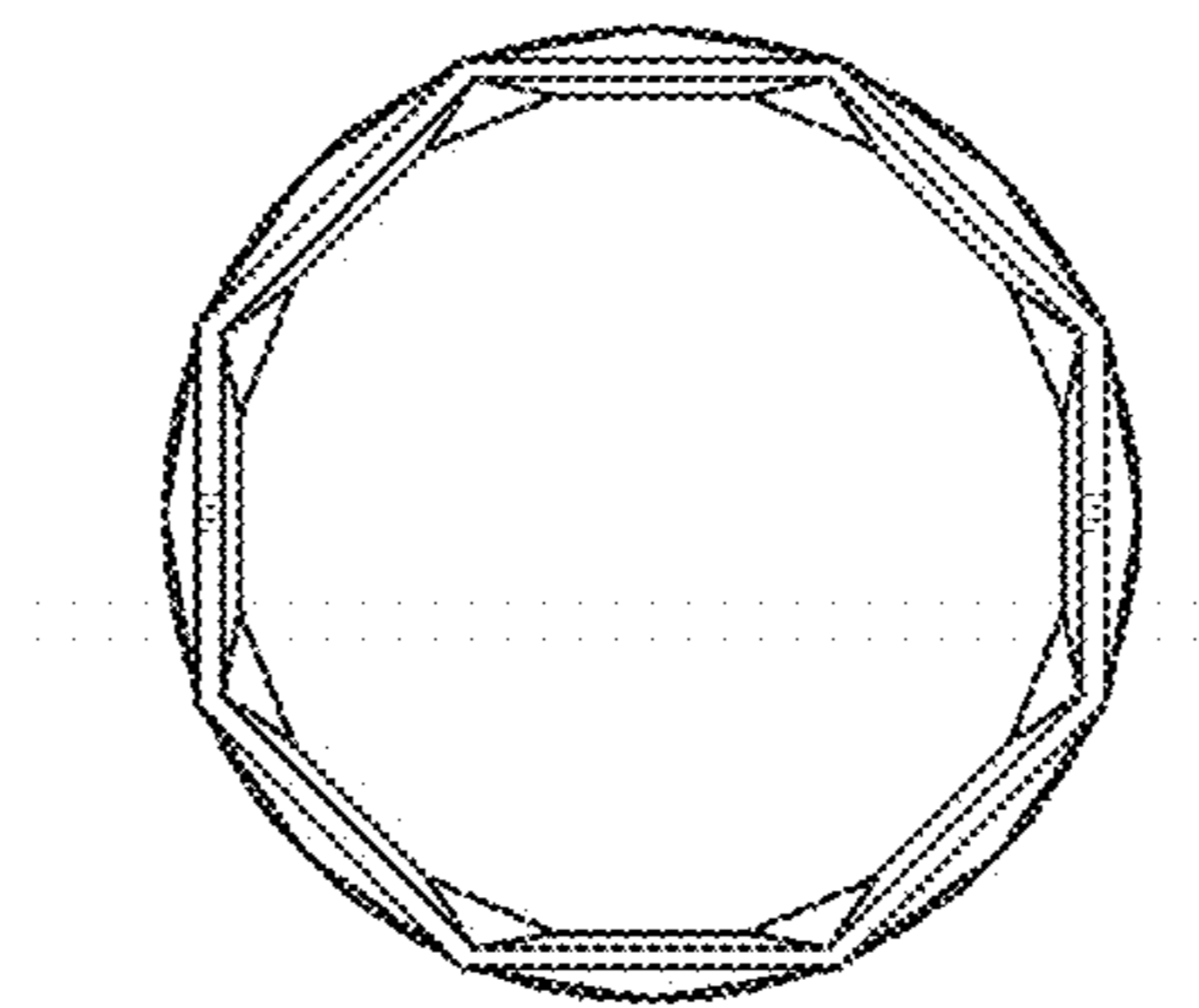


FIG. 4



**FIG. 5**

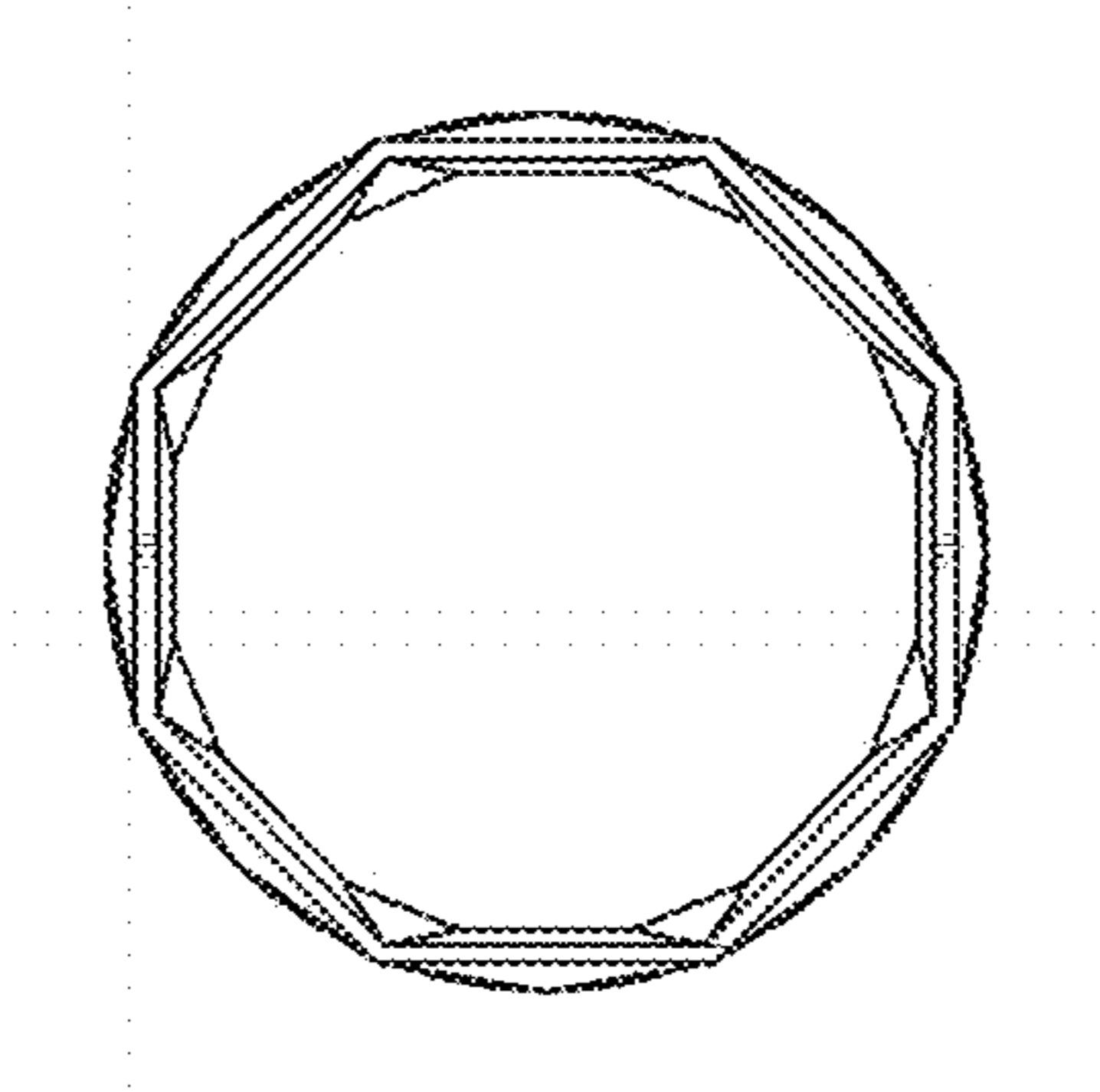


FIG. 6

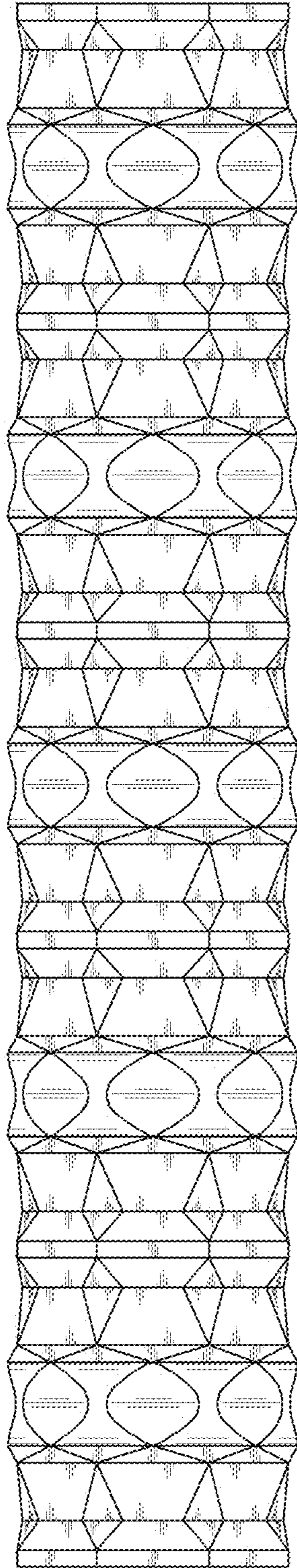




FIG. 7

