



US00D904614S

(12) **United States Design Patent** (10) **Patent No.:** **US D904,614 S**  
**Inoue** (45) **Date of Patent:** **\*\* Dec. 8, 2020**

(54) **DENTAL HANDPIECE**  
(71) Applicant: **Nakanishi Inc.**, Kanuma (JP)  
(72) Inventor: **Yamato Inoue**, Kanuma (JP)  
(73) Assignee: **Nakanishi Inc.**, Kanuma (JP)  
(\*\*) Term: **15 Years**

(21) Appl. No.: **29/704,002**  
(22) Filed: **Aug. 30, 2019**

(30) **Foreign Application Priority Data**

Mar. 1, 2019 (JP) ..... 2019-004329

(51) **LOC (12) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/152; D24/146**

(58) **Field of Classification Search**  
USPC ..... D24/152, 154, 176, 146; 433/80, 82, 88  
CPC .. A61C 1/05; A61C 1/052; A61C 1/06; A61C 1/07; A61C 1/08; A61C 1/10; A61C 1/12; A61C 3/00; A61C 3/025; A61C 3/02; A61C 17/0202; A61C 17/225  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,380,162 A \* 4/1968 Heathe ..... A61C 1/05  
433/132  
D261,032 S \* 9/1981 Marucci ..... D24/146  
4,669,982 A \* 6/1987 Fleer ..... A61C 1/052  
433/29  
4,681,540 A \* 7/1987 Landgraf ..... A61C 1/06  
433/126

(Continued)

**FOREIGN PATENT DOCUMENTS**

KR 301018806.0000 \* 11/2018

*Primary Examiner* — Wan Laymon  
(74) *Attorney, Agent, or Firm* — Banner & Witcoff, Ltd.

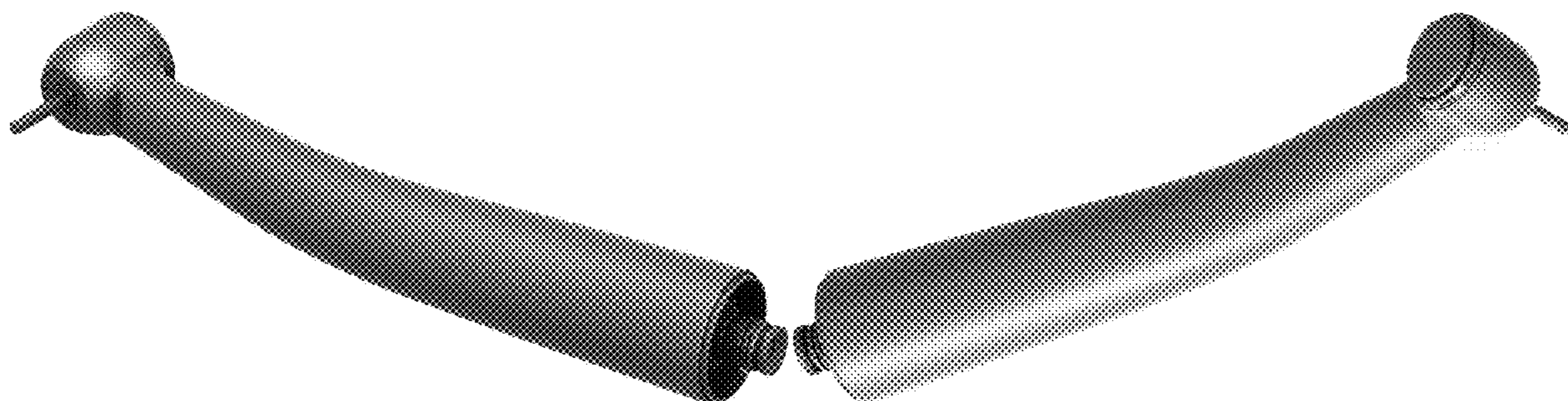
(57) **CLAIM**

The ornamental design for a dental handpiece, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view showing front face, top face and right side face of a dental handpiece according to a first embodiment;  
FIG. 2 is a perspective view showing rear face, bottom face and left side face thereof;  
FIG. 3 is a perspective view showing rear face, bottom face and right side face thereof;  
FIG. 4 is a front view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a left side view thereof;  
FIG. 7 is a right side view thereof;  
FIG. 8 is a top view thereof;  
FIG. 9 is a bottom view thereof;  
FIG. 10 is a partial enlarged perspective view of a portion shown by line 10-10 in FIG. 3;  
FIG. 11 is a perspective view showing front face, top face and right side face of a dental handpiece according to a second embodiment;  
FIG. 12 is a perspective view showing rear face, bottom face and left side face thereof;  
FIG. 13 is a perspective view showing rear face, bottom face and right side face thereof;  
FIG. 14 is a front view thereof;  
FIG. 15 is a rear view thereof;  
FIG. 16 is a left side view thereof;  
FIG. 17 is a right side view thereof;  
FIG. 18 is a top view thereof;  
FIG. 19 is a bottom view thereof; and,  
FIG. 20 is a partial enlarged perspective view of a portion shown by line 20-20 in FIG. 13.  
The gray shading shown in the drawings is for indicating a three-dimensional shape of the article.

**1 Claim, 20 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D356,866 S \* 3/1995 Meller ..... D24/152  
6,676,374 B2 \* 1/2004 Hashimoto ..... A61C 1/05  
415/202  
D499,486 S \* 12/2004 Kuhn ..... D24/152  
D580,550 S \* 11/2008 Thomssen ..... D24/152  
D588,698 S \* 3/2009 Thomssen ..... D24/152  
D669,180 S \* 10/2012 Takashi ..... D24/152  
2008/0213723 A1 \* 9/2008 Tanaka ..... A61C 1/05  
433/132  
2009/0004623 A1 \* 1/2009 Zhang ..... A61C 1/05  
433/132  
2009/0029312 A1 \* 1/2009 Takashi ..... A61C 1/05  
433/132  
2009/0061384 A1 \* 3/2009 Thomssen ..... A61C 1/08  
433/132  
2010/0112515 A1 \* 5/2010 Chen ..... A61C 1/08  
433/114  
2018/0014909 A1 \* 1/2018 Larsen ..... A61C 1/12

\* cited by examiner

FIG. 1

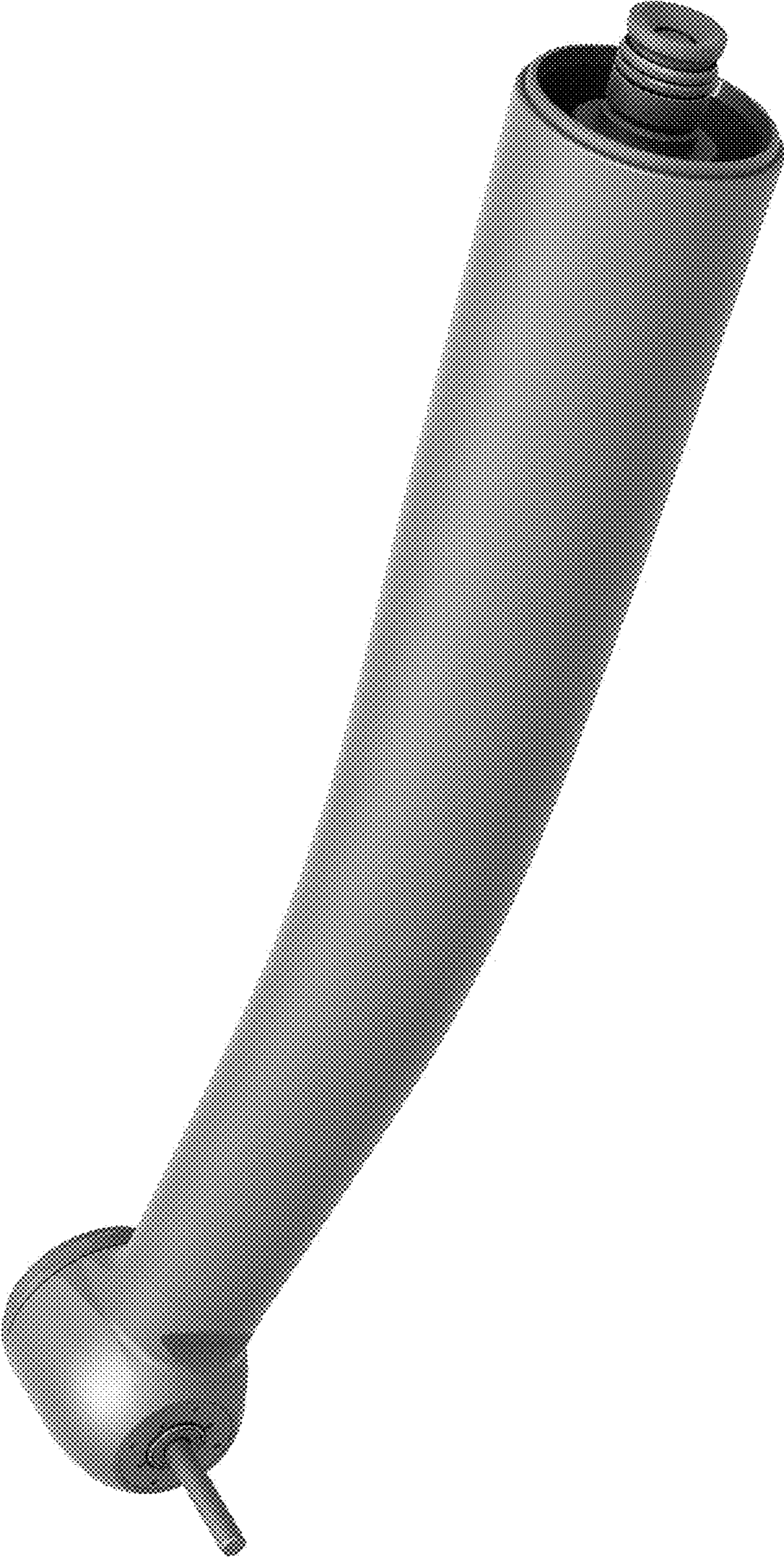




FIG. 2



FIG. 3

FIG. 4

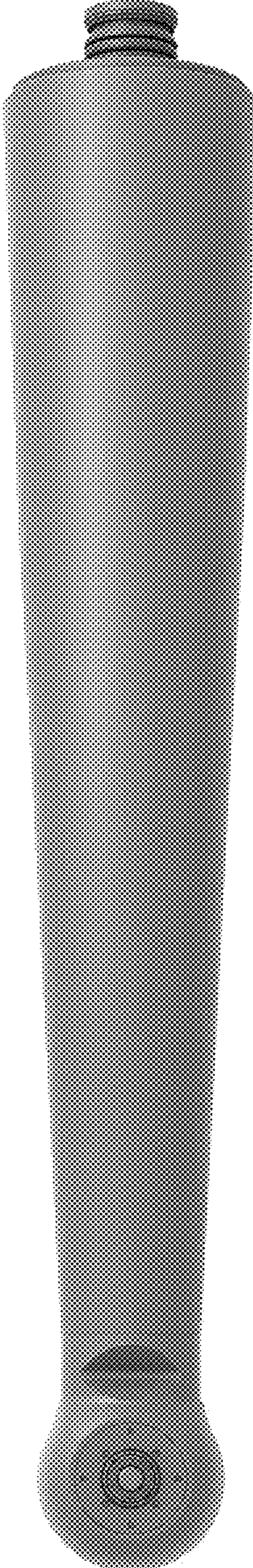


FIG. 5

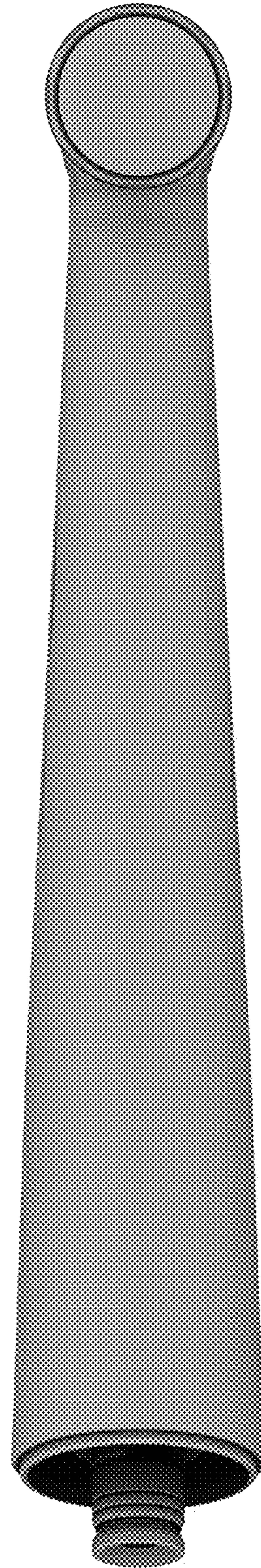


FIG. 6

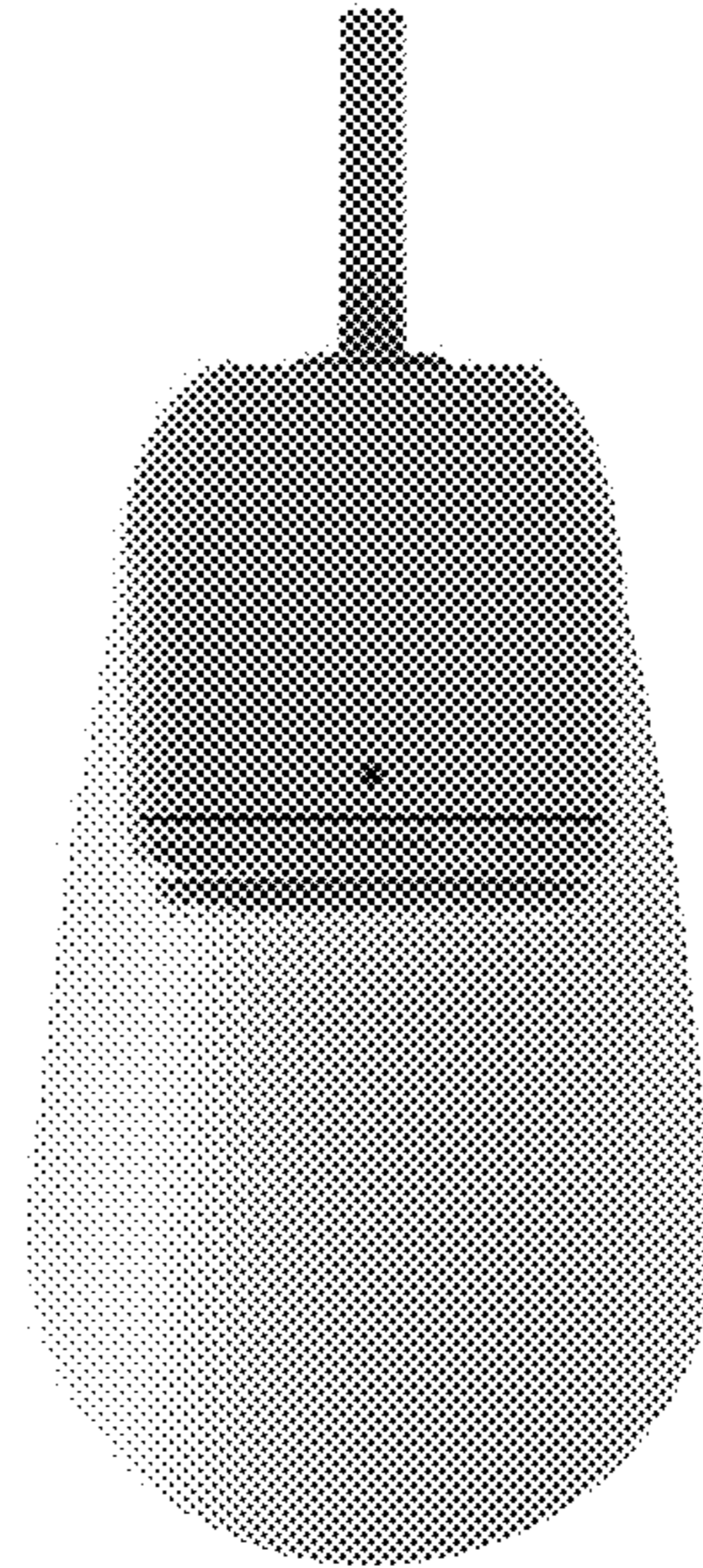




FIG. 7

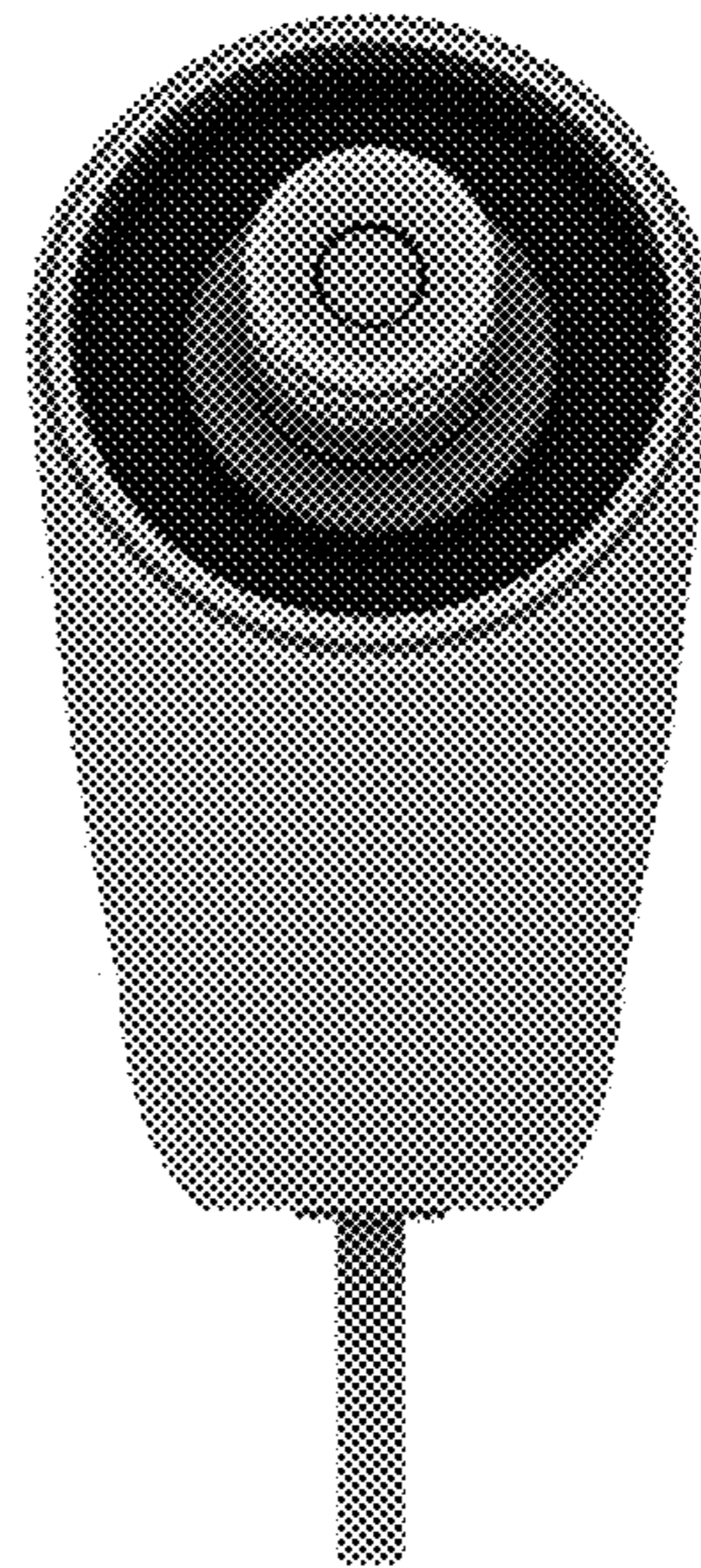


FIG. 8

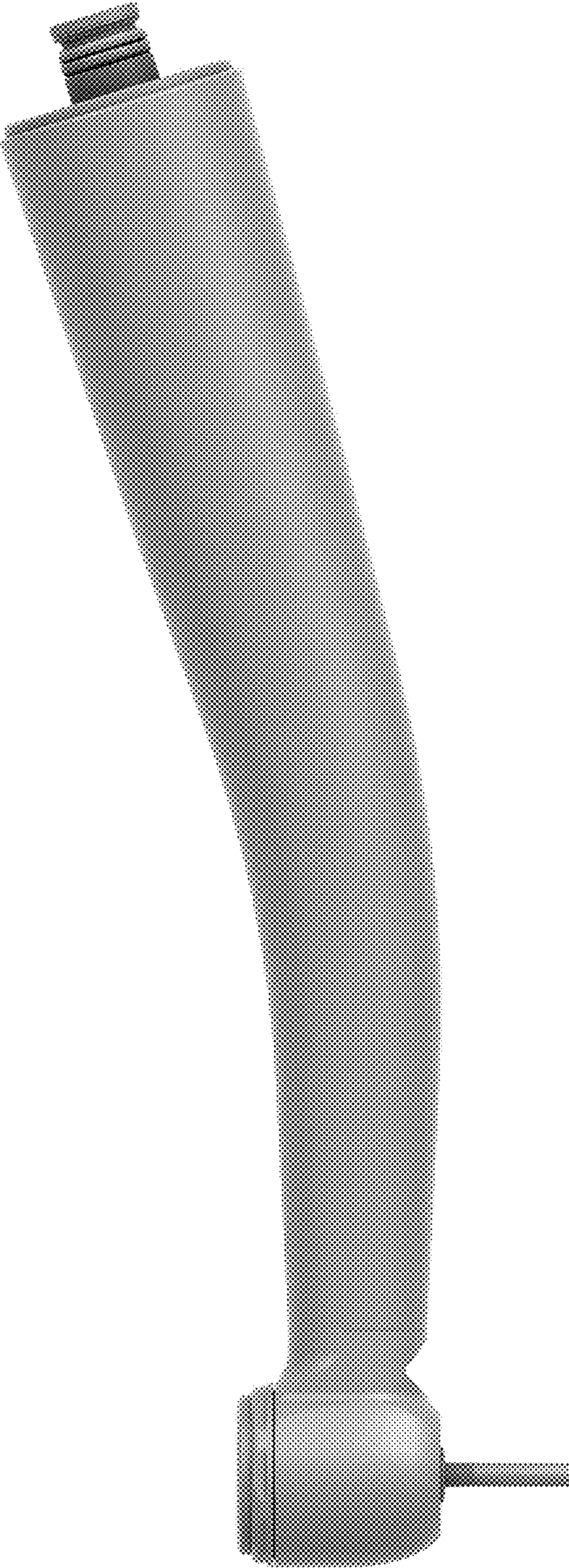


FIG. 9

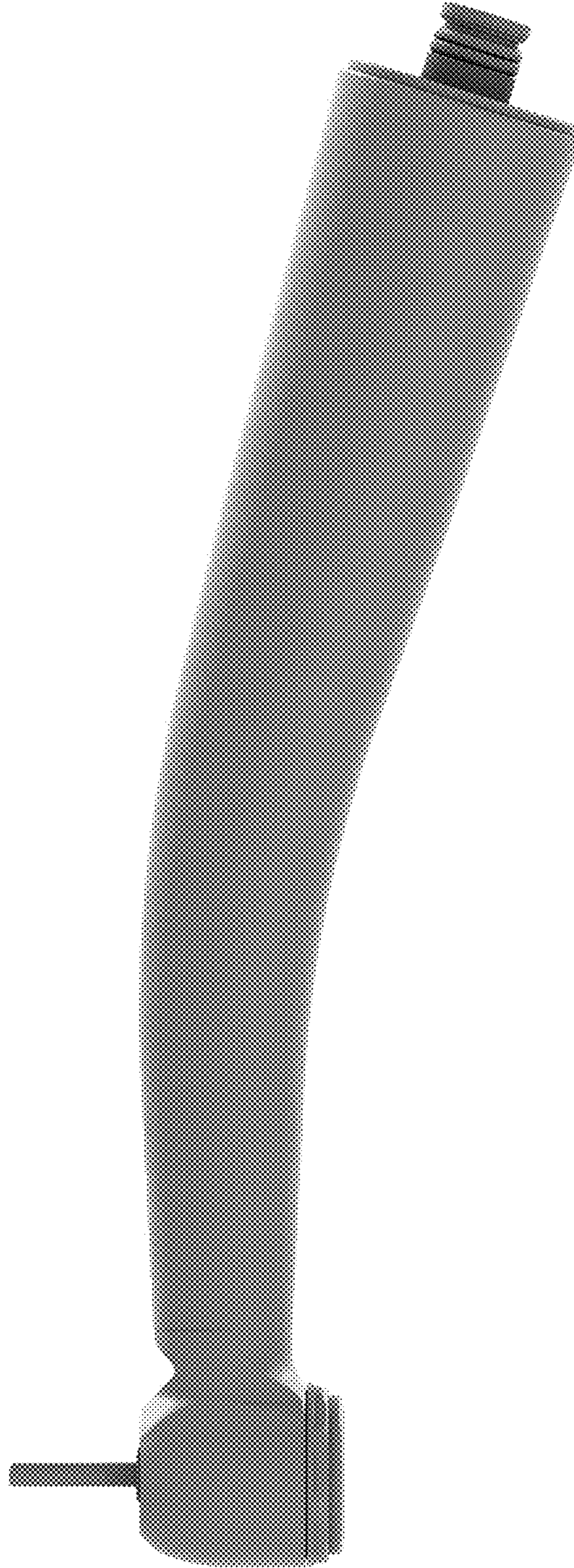


FIG. 10



FIG. 11

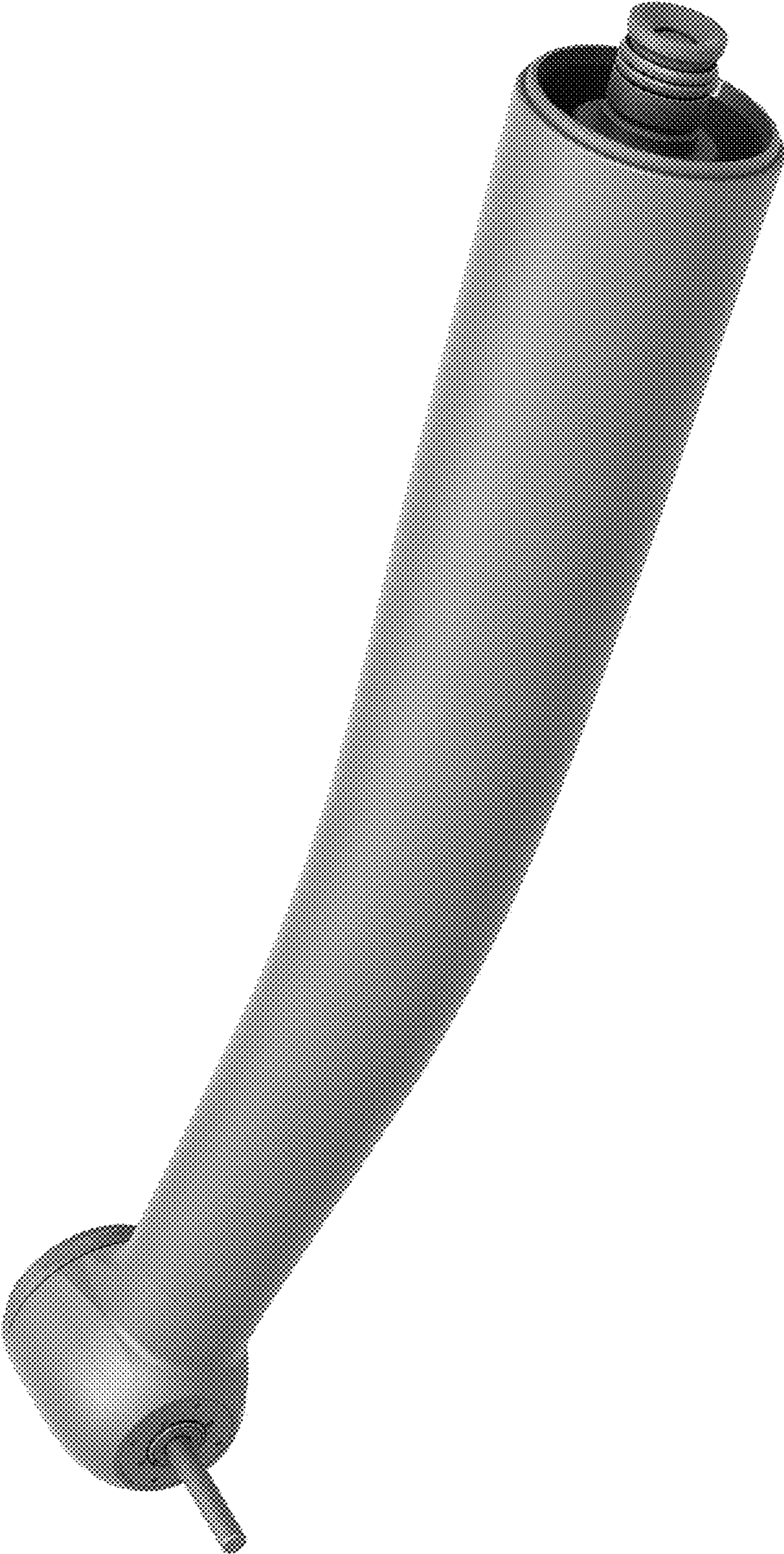




FIG. 12

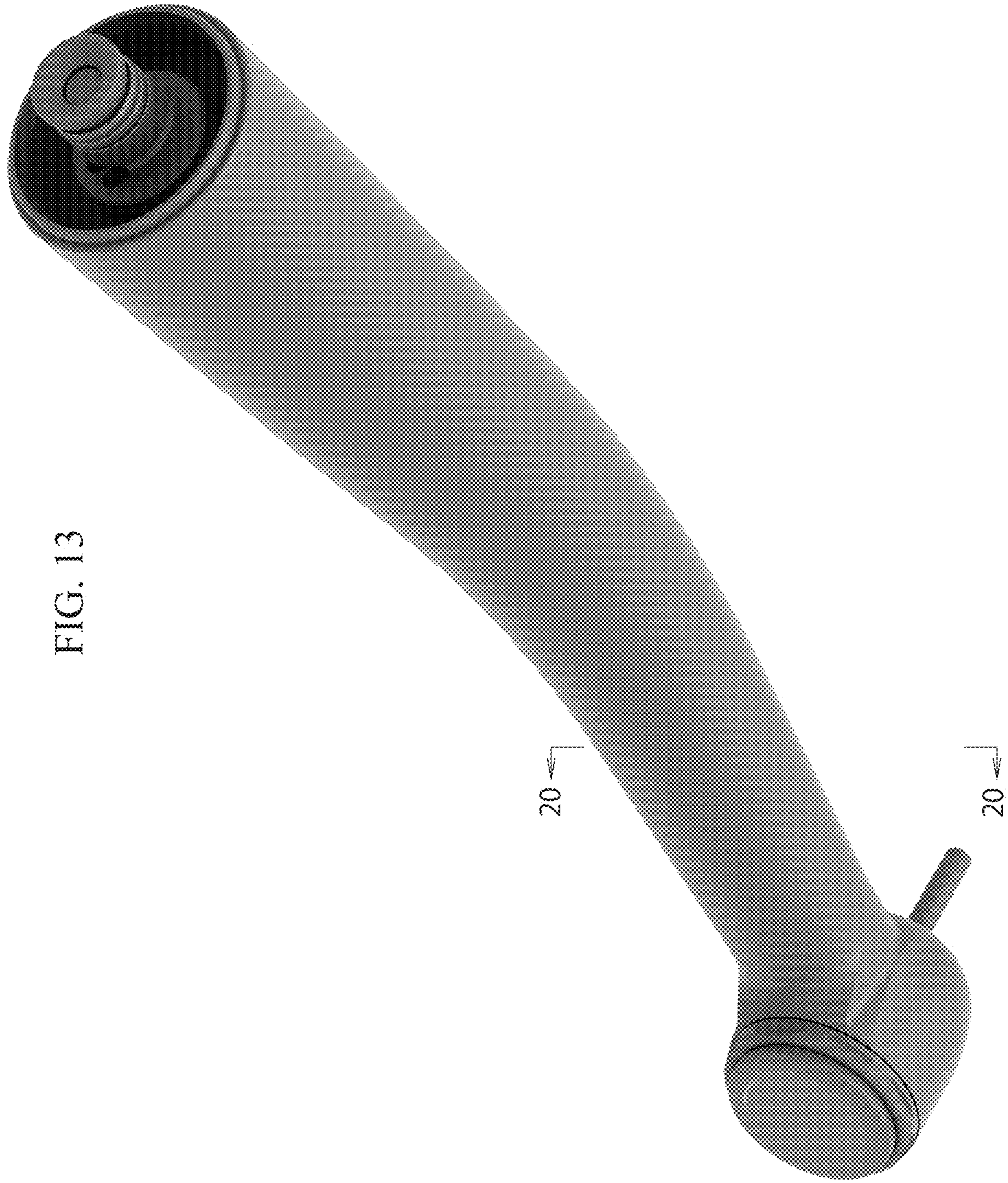


FIG. 13

FIG. 14

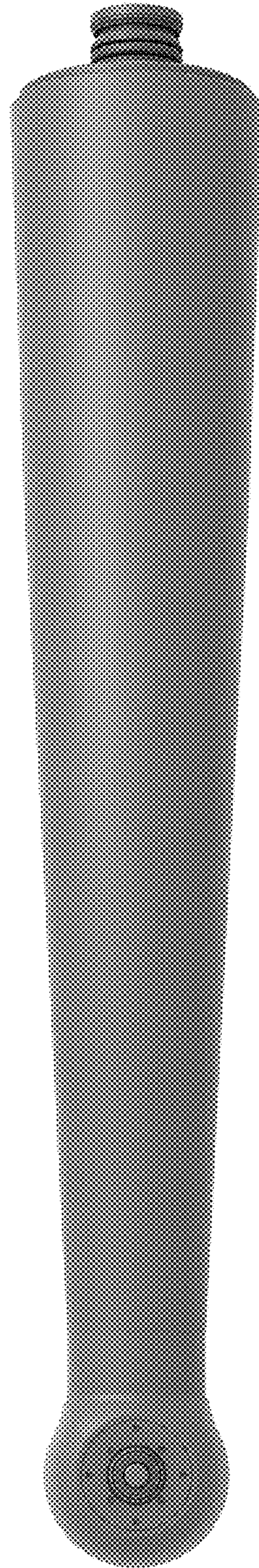




FIG. 15

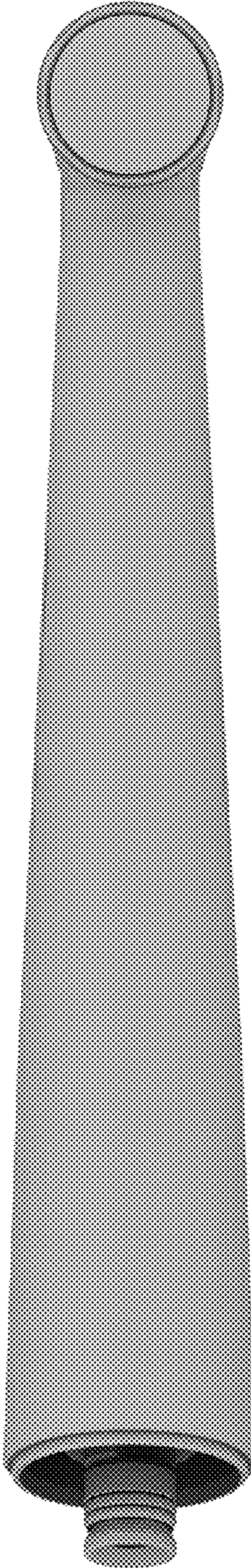


FIG. 16

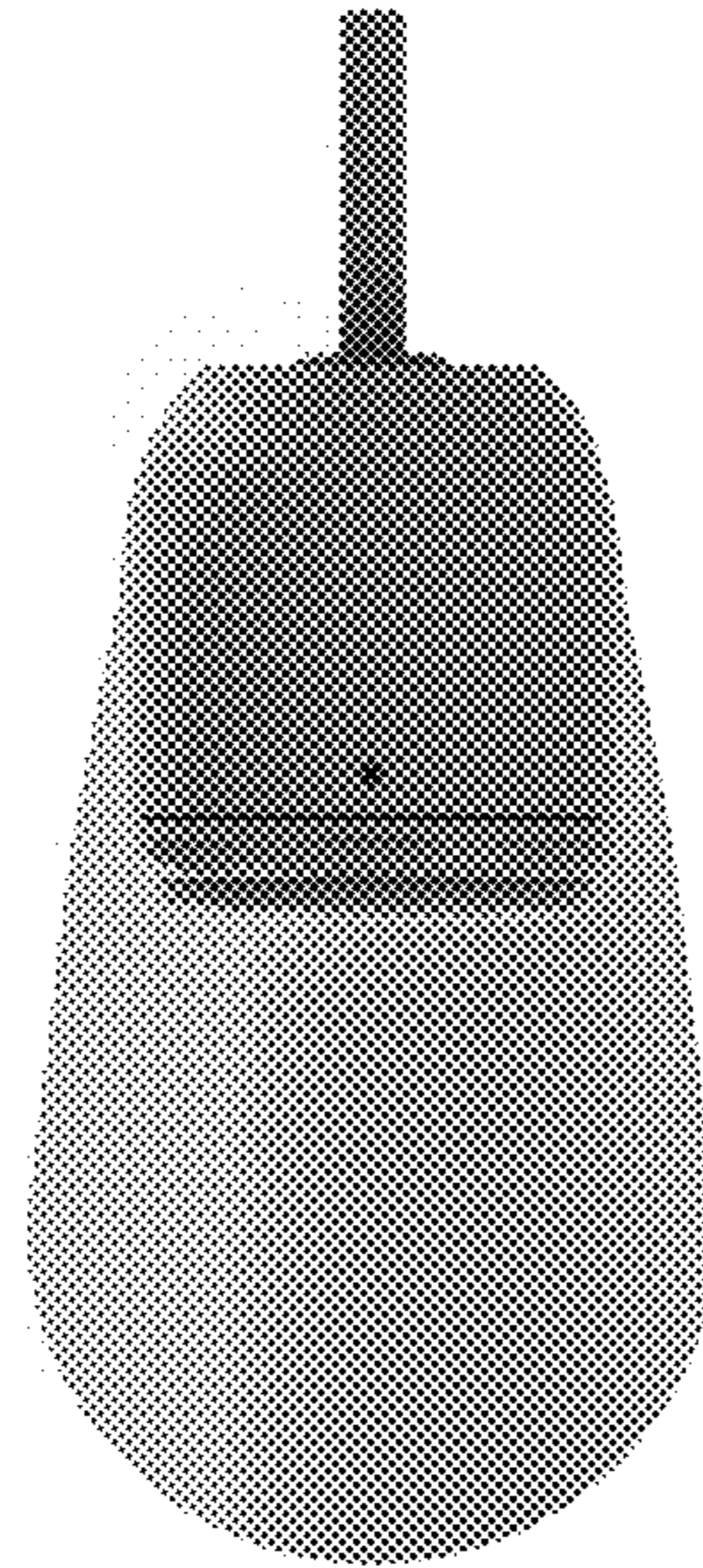


FIG. 17

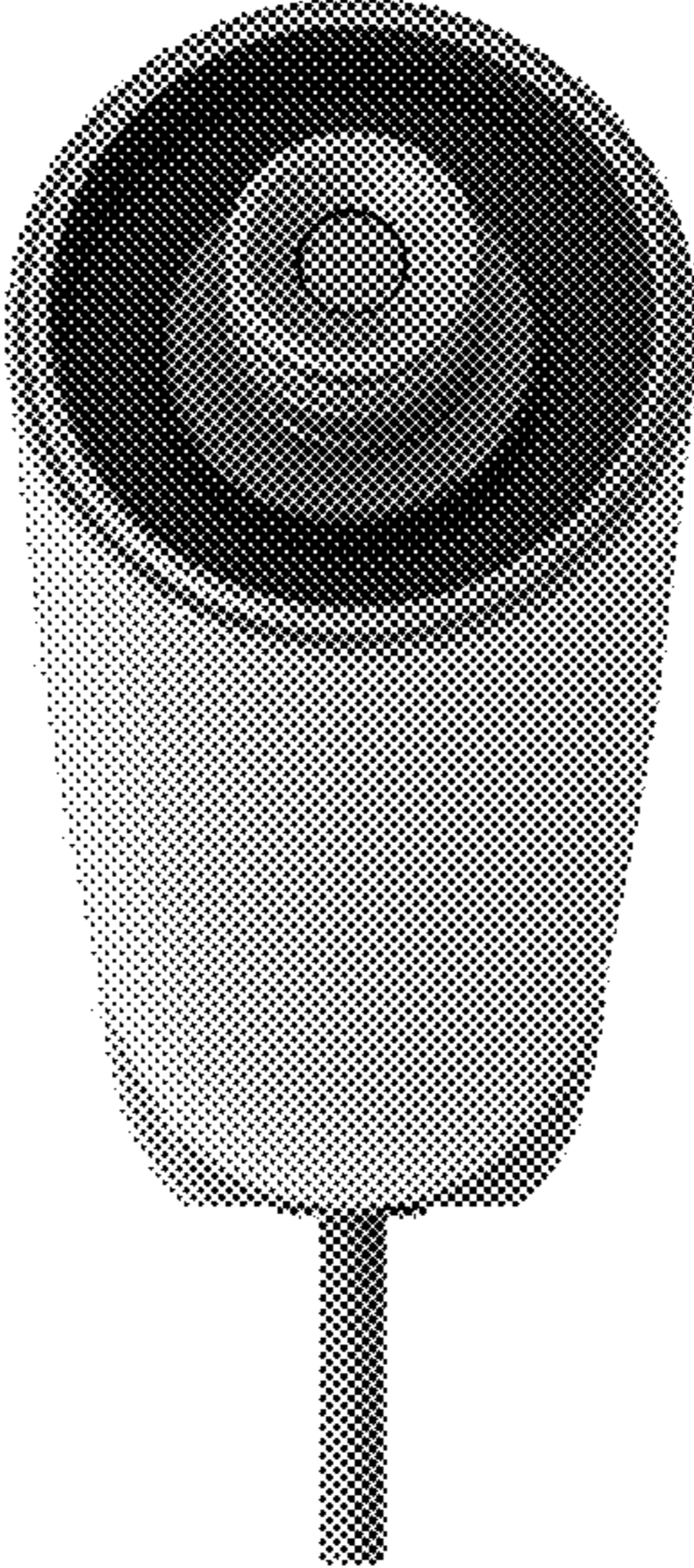


FIG. 18

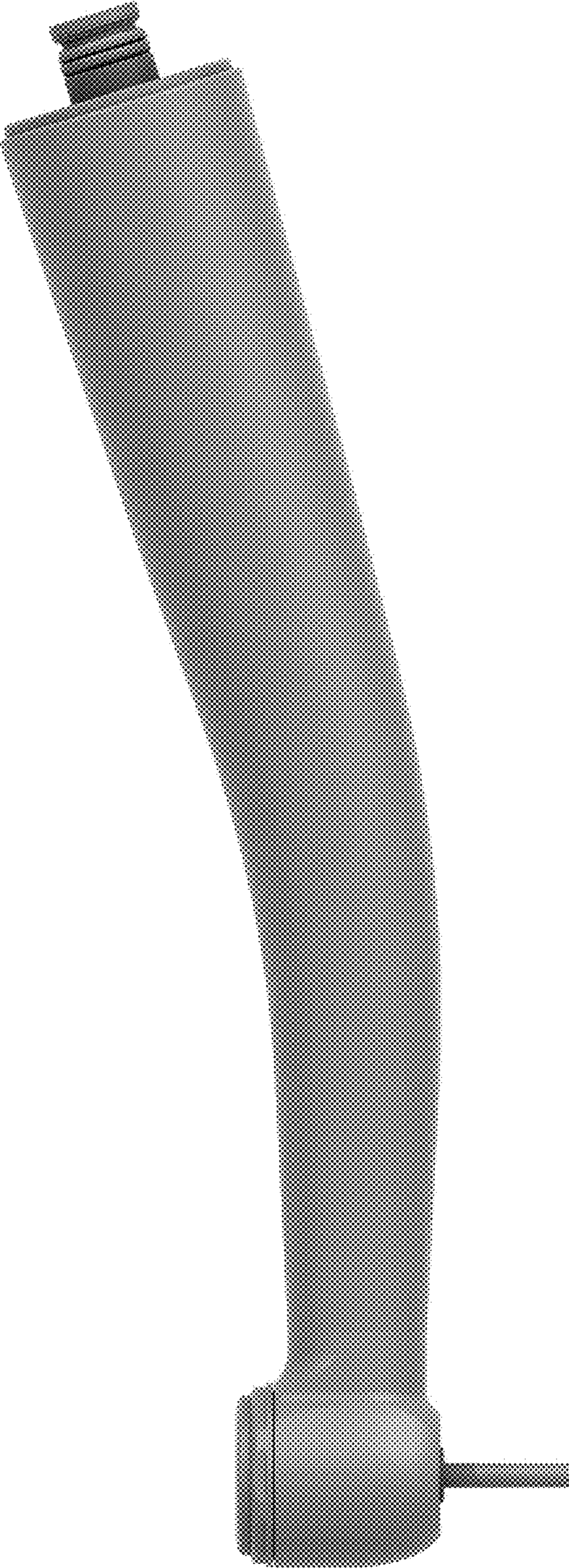


FIG. 19

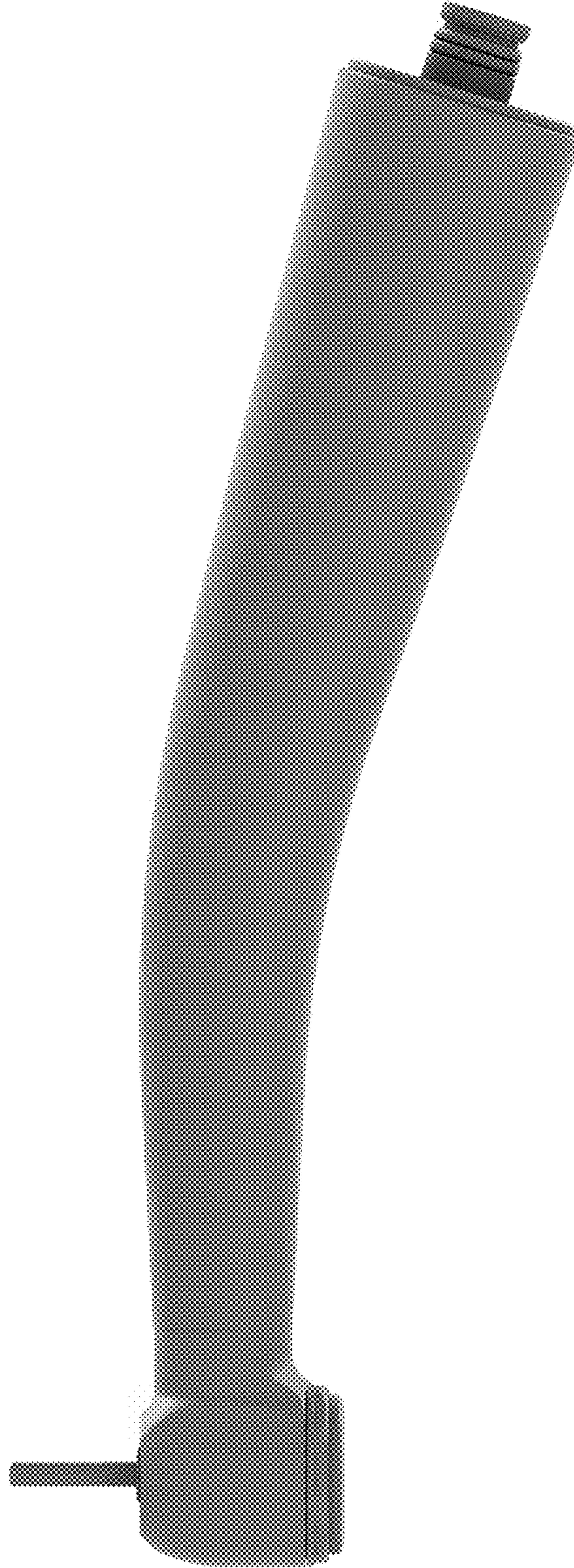


FIG.20

