



US00D904614S

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

(54) **DENTAL HANDPIECE**
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(73) Assignee: **Nakanishi Inc.**, Kanuma (JP)
(**) Term: **15 Years**

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(30) **Foreign Application Priority Data**

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(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

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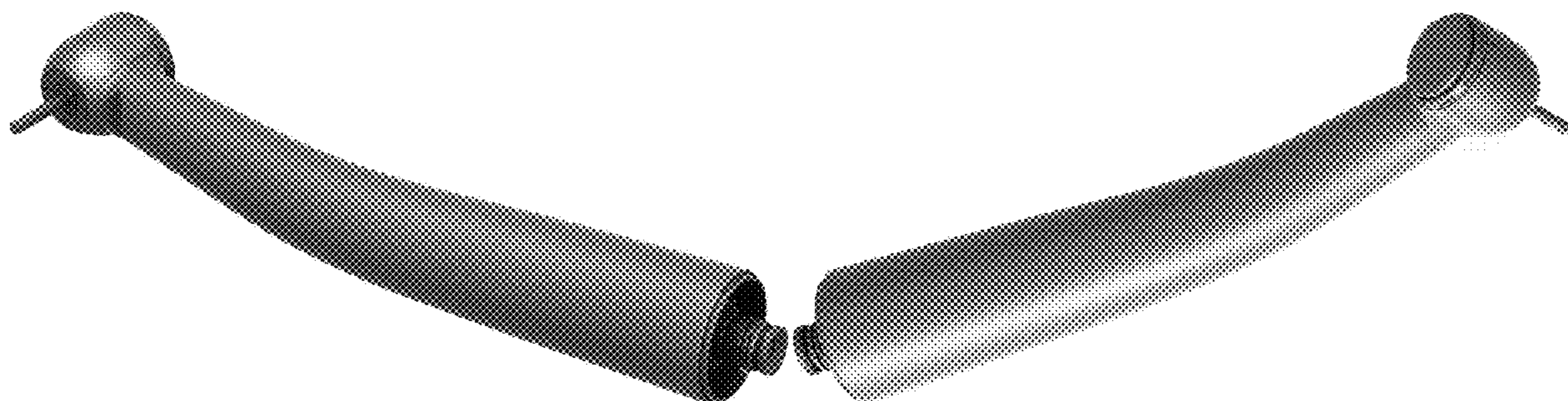
(57) **CLAIM**

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

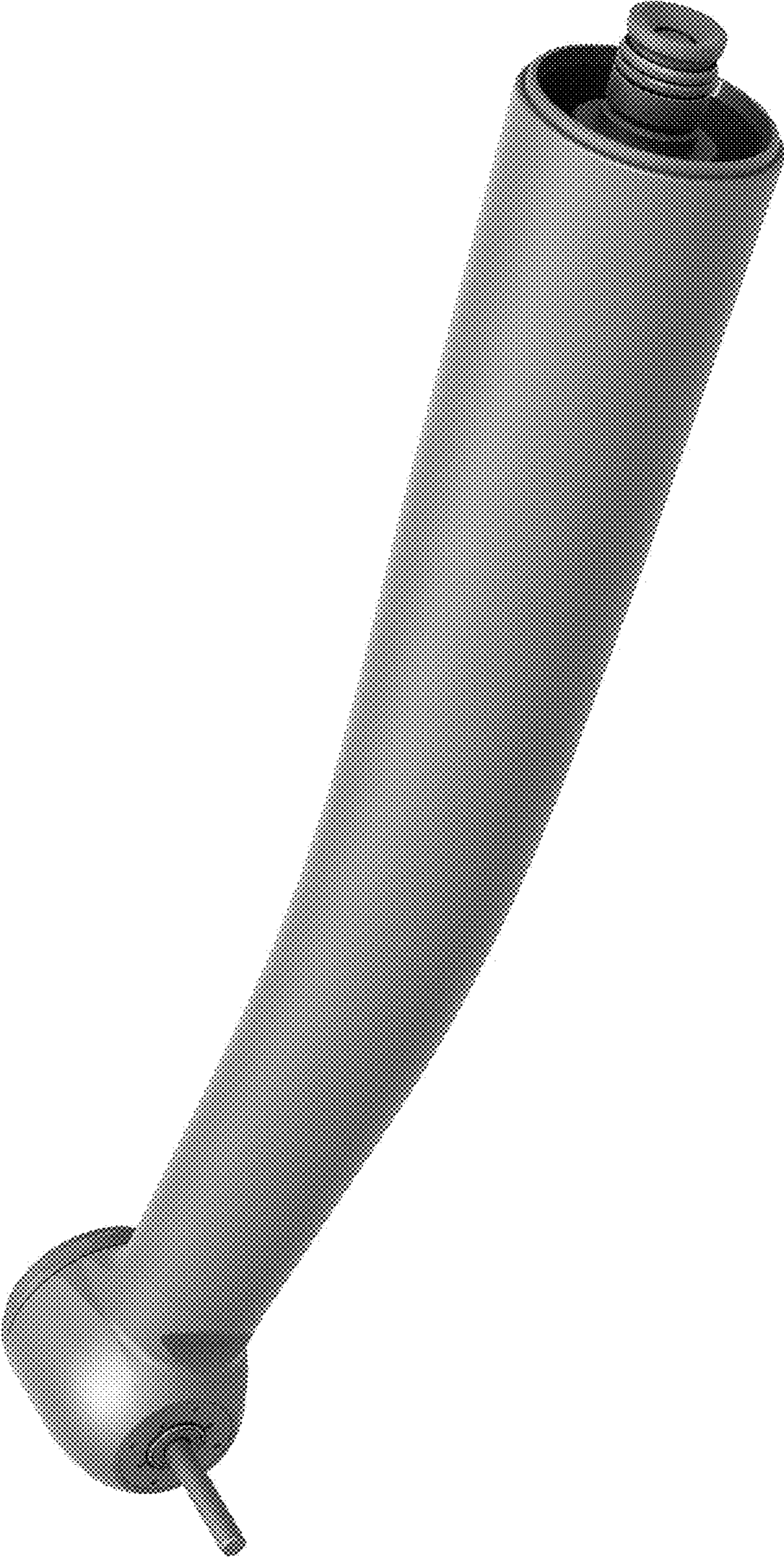




FIG. 2

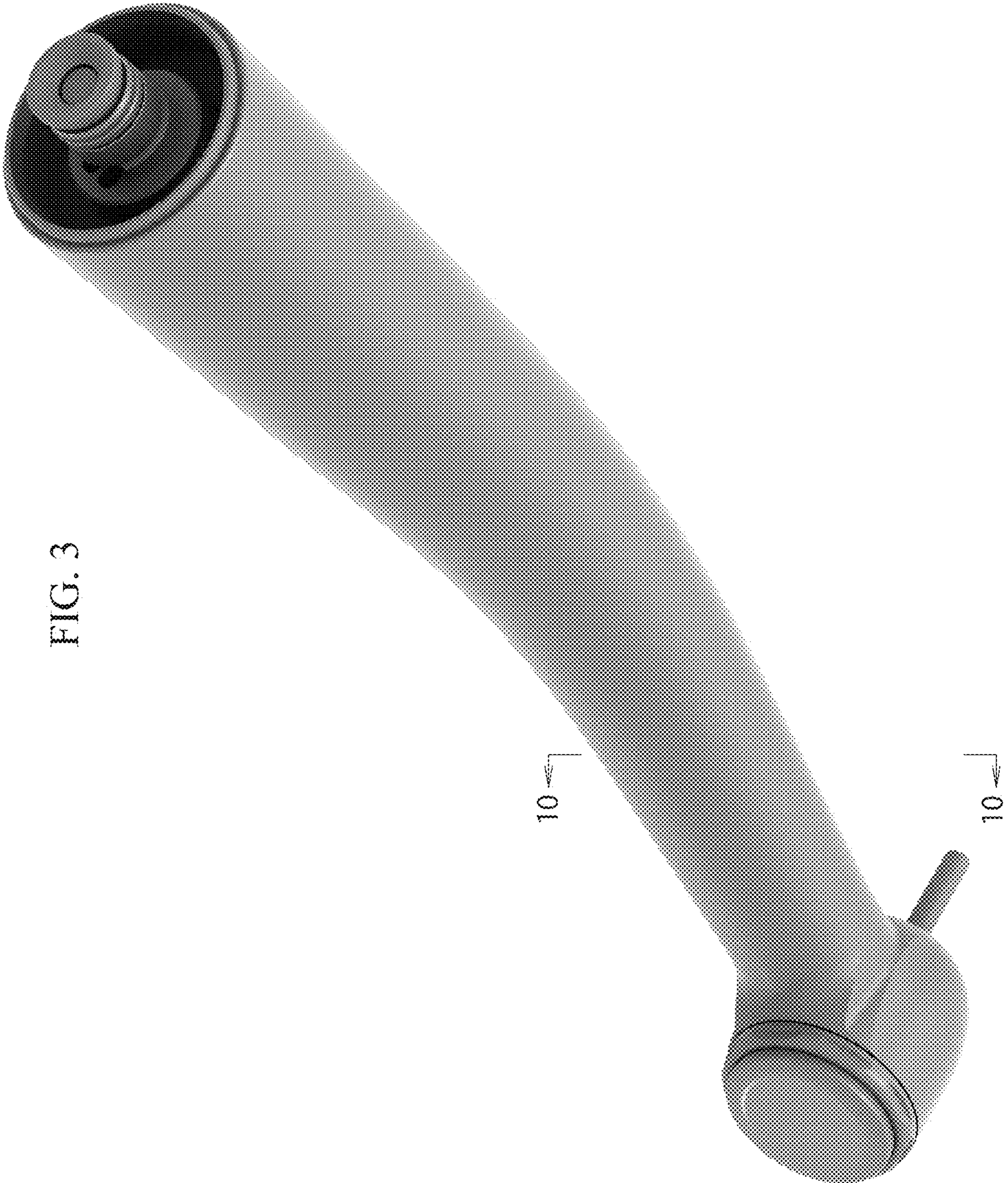


FIG. 3

FIG. 4

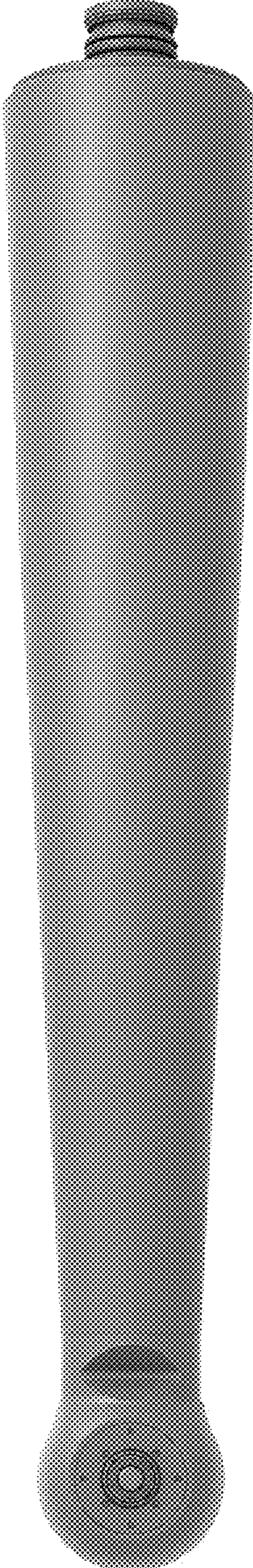


FIG. 5

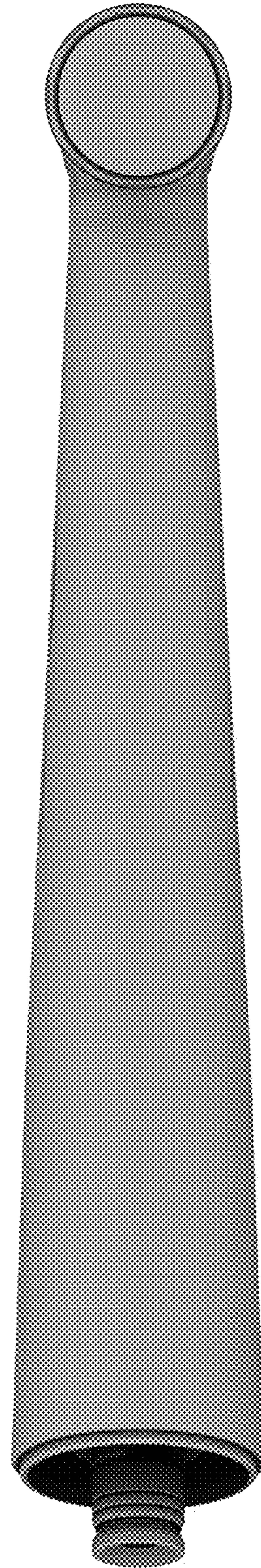


FIG. 6

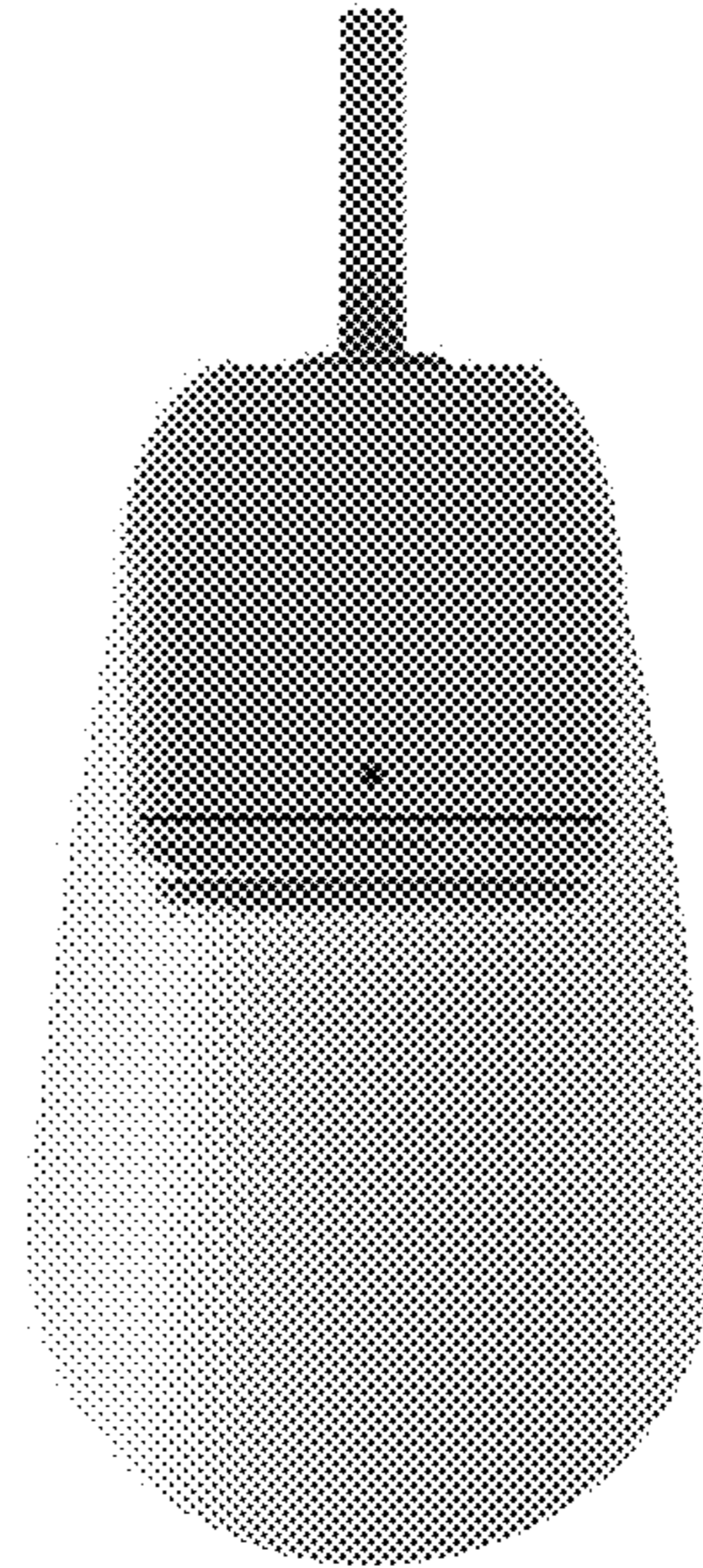


FIG. 7

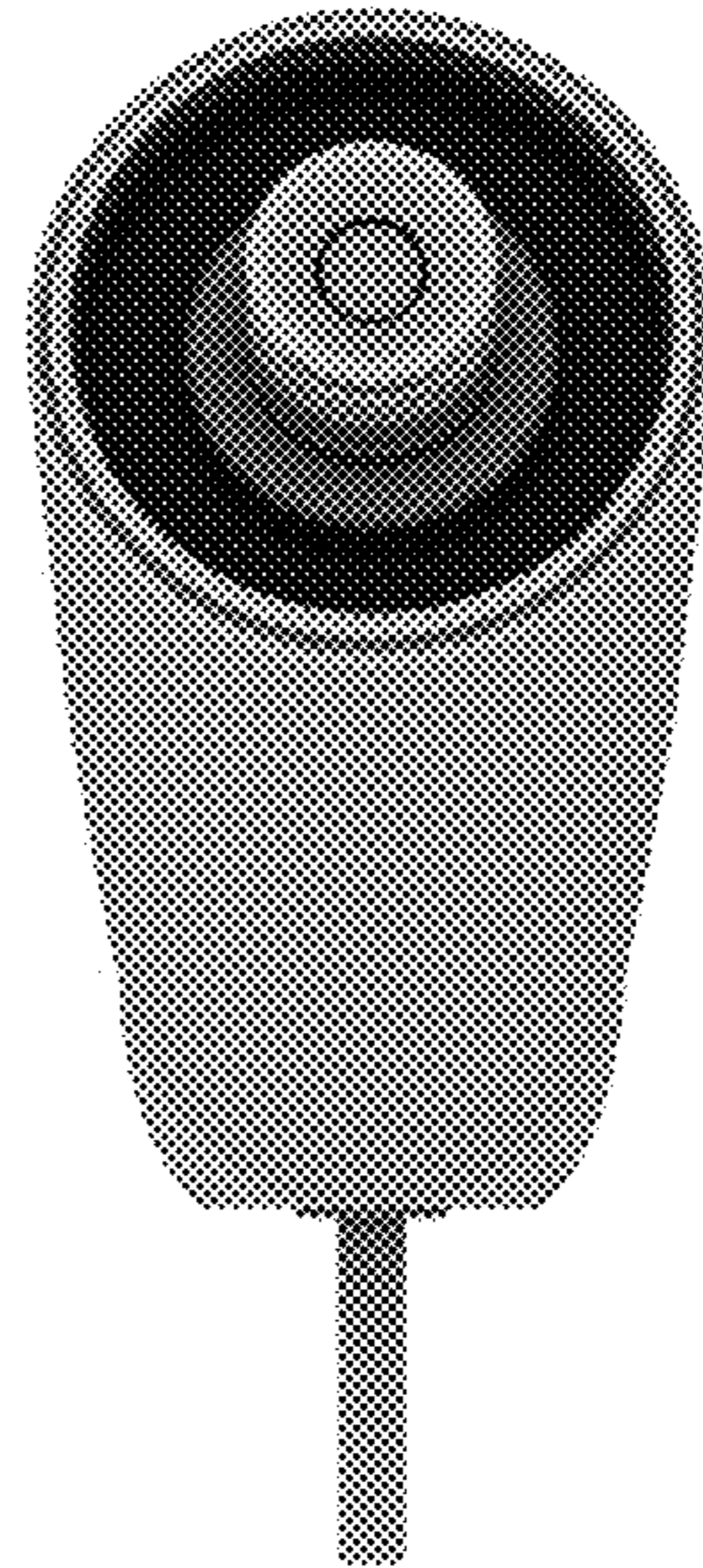


FIG. 8

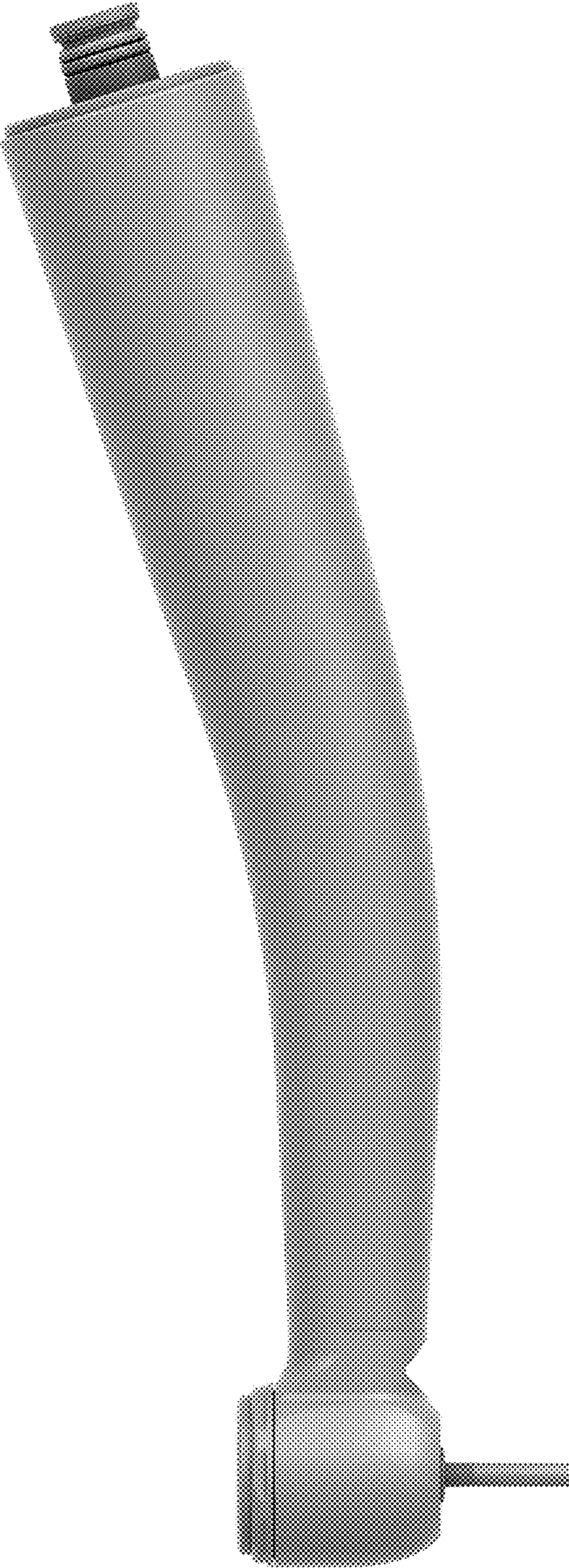


FIG. 9

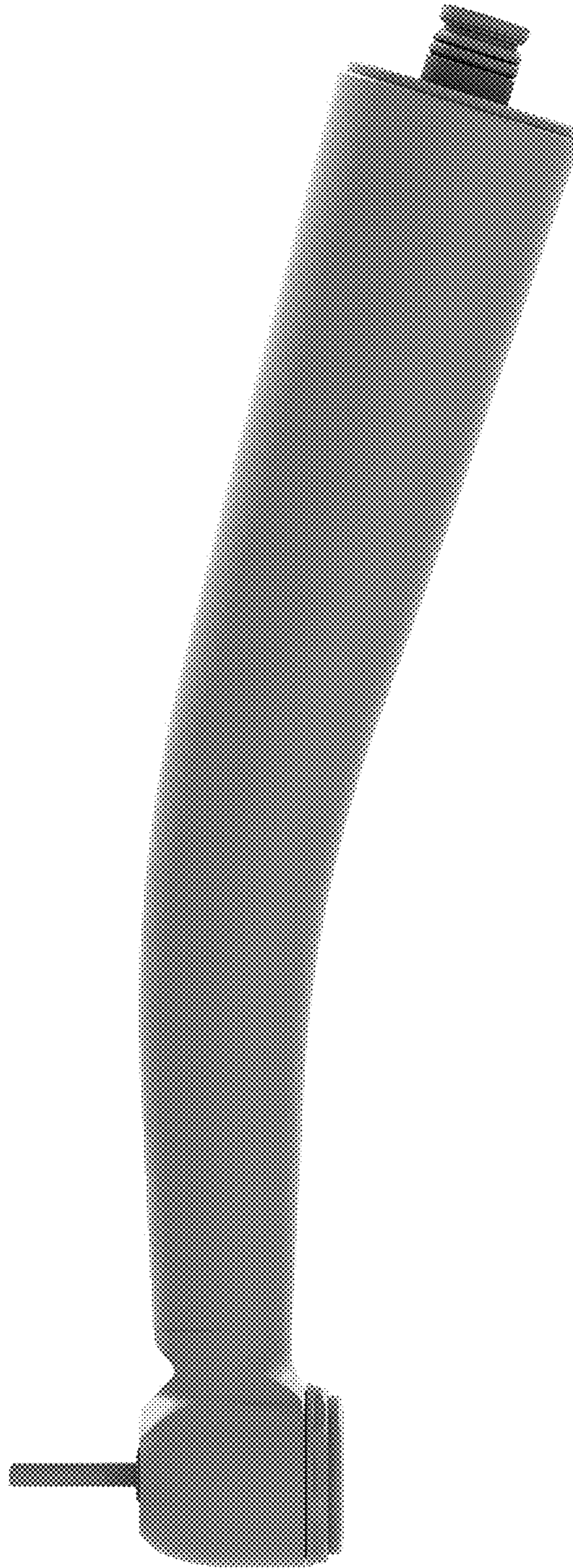


FIG. 10



FIG. 11

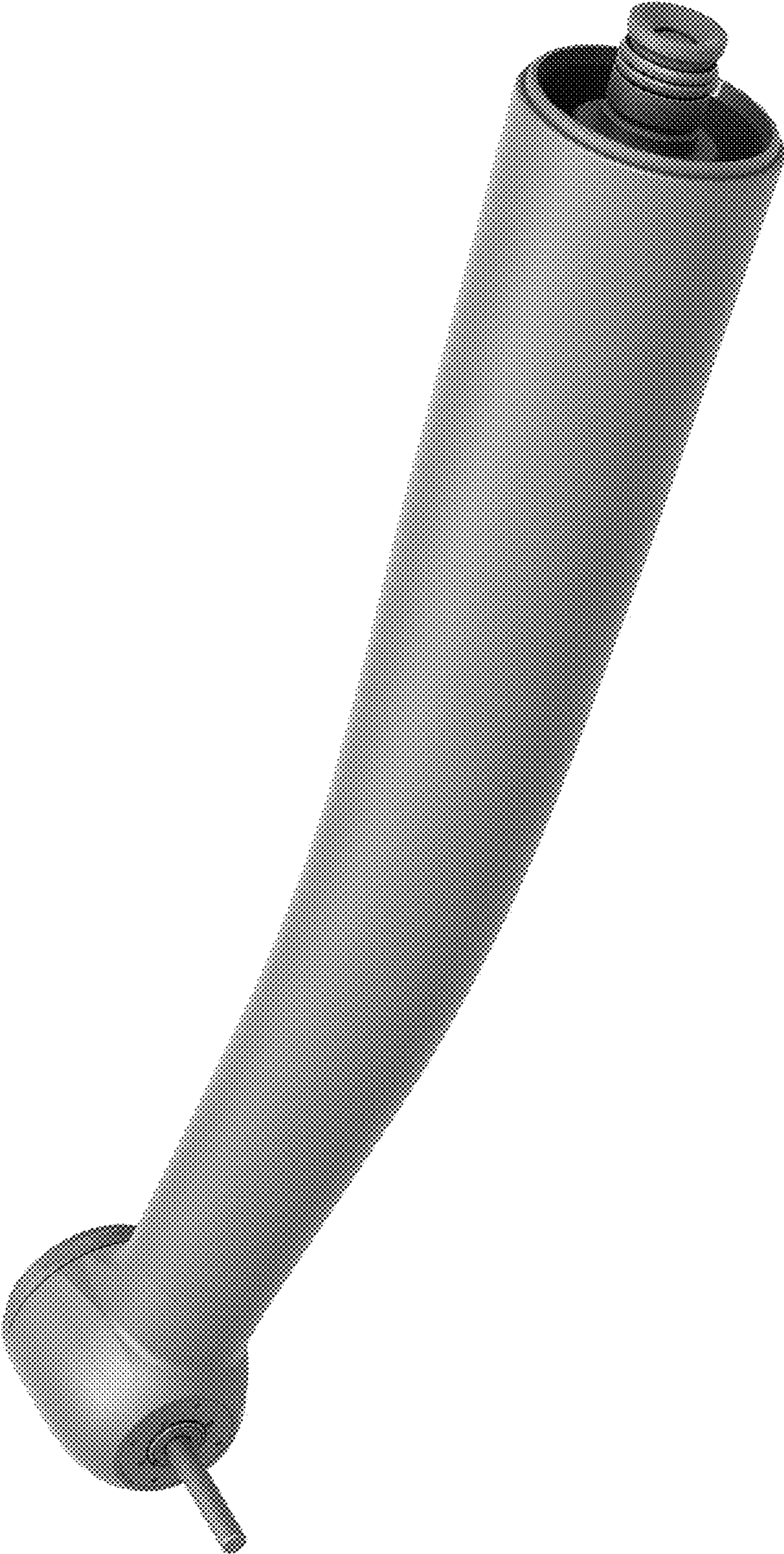




FIG. 12

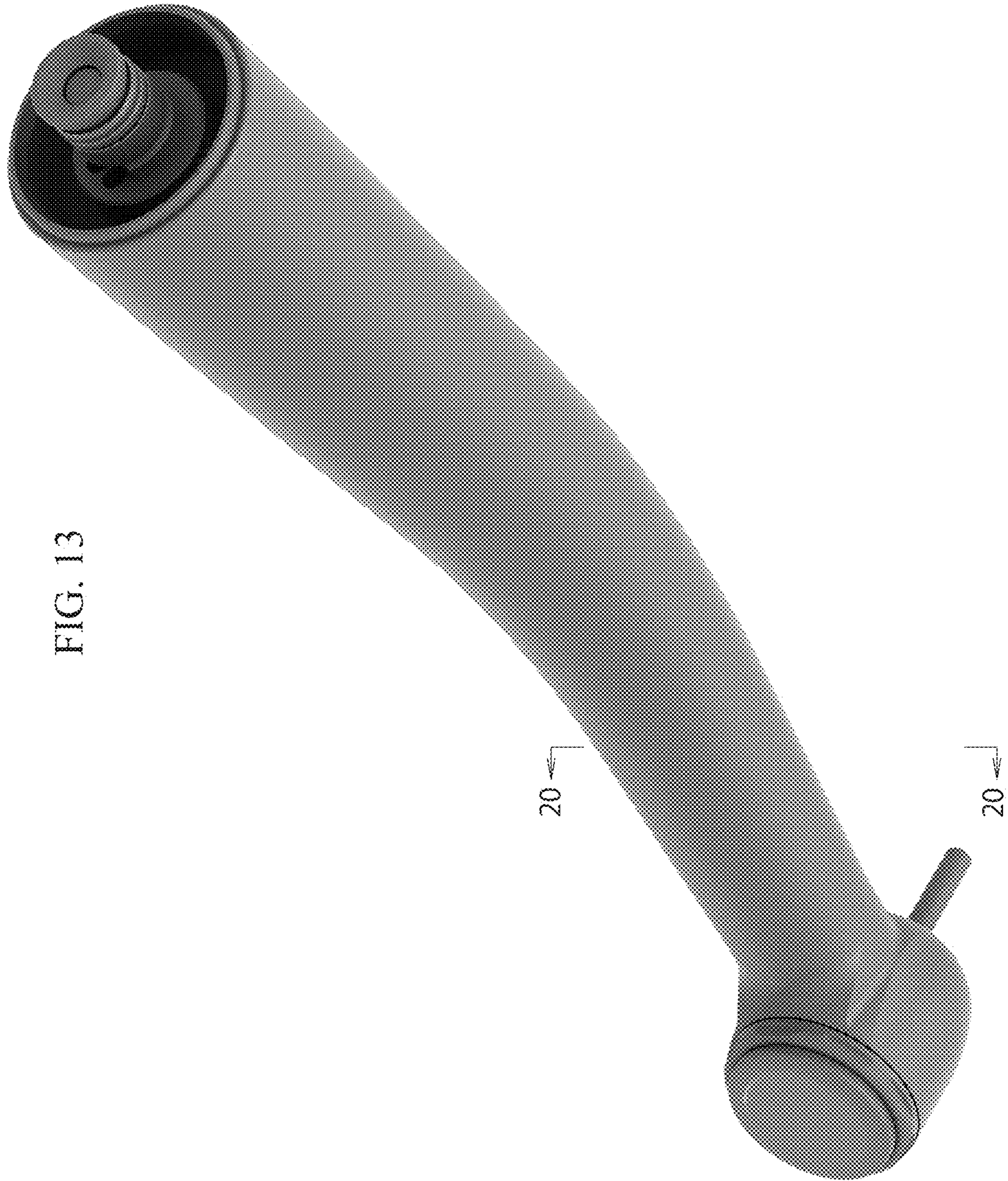


FIG. 13

FIG. 14

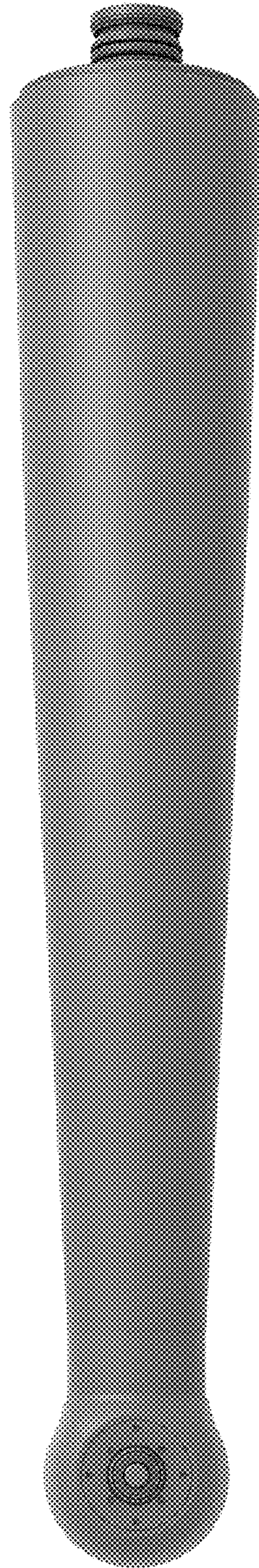


FIG. 15

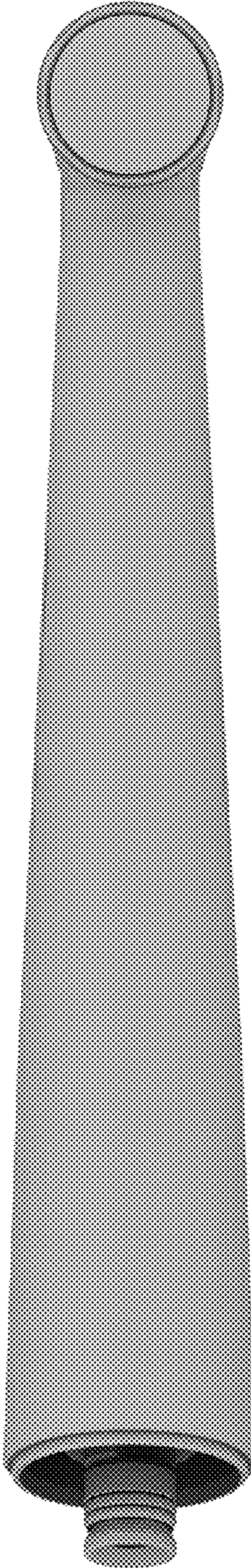


FIG. 16

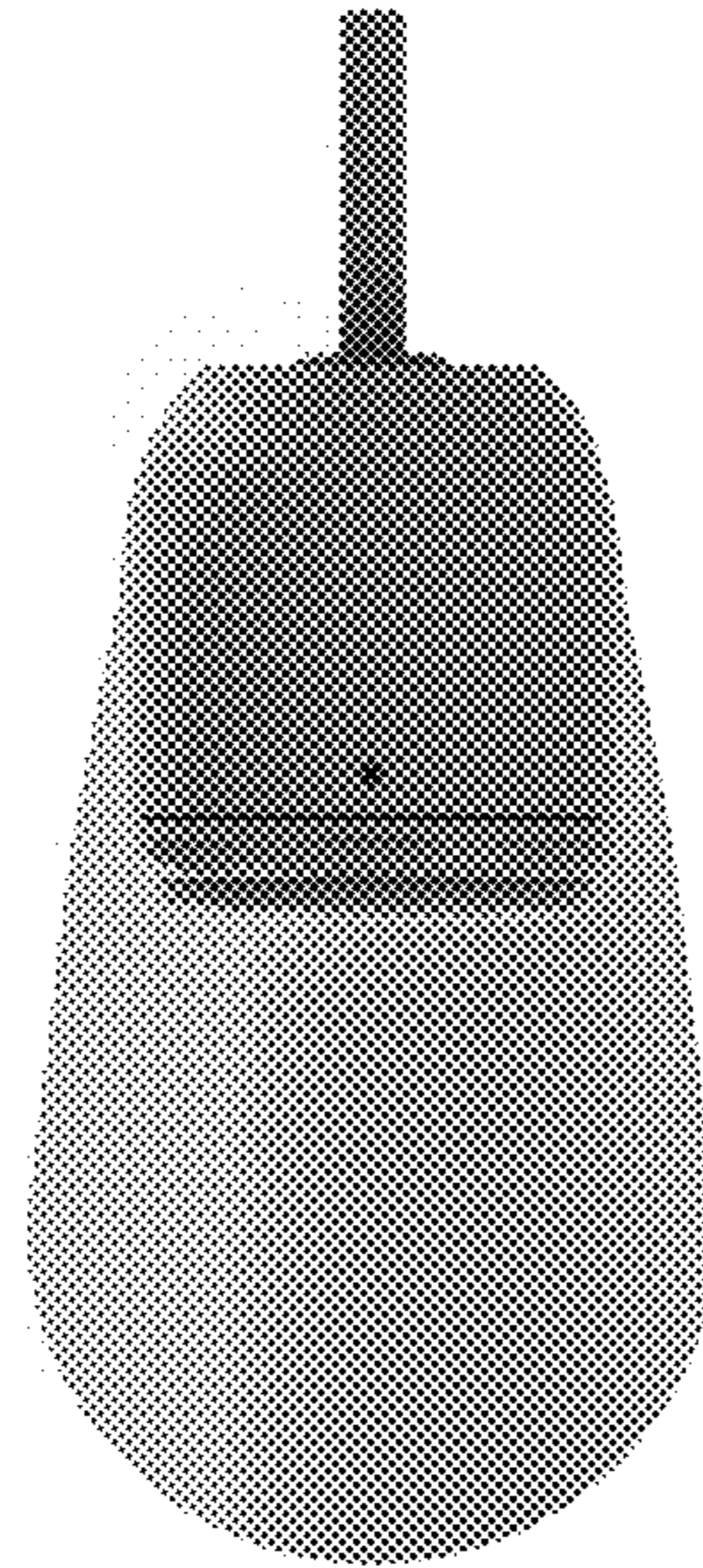


FIG. 17

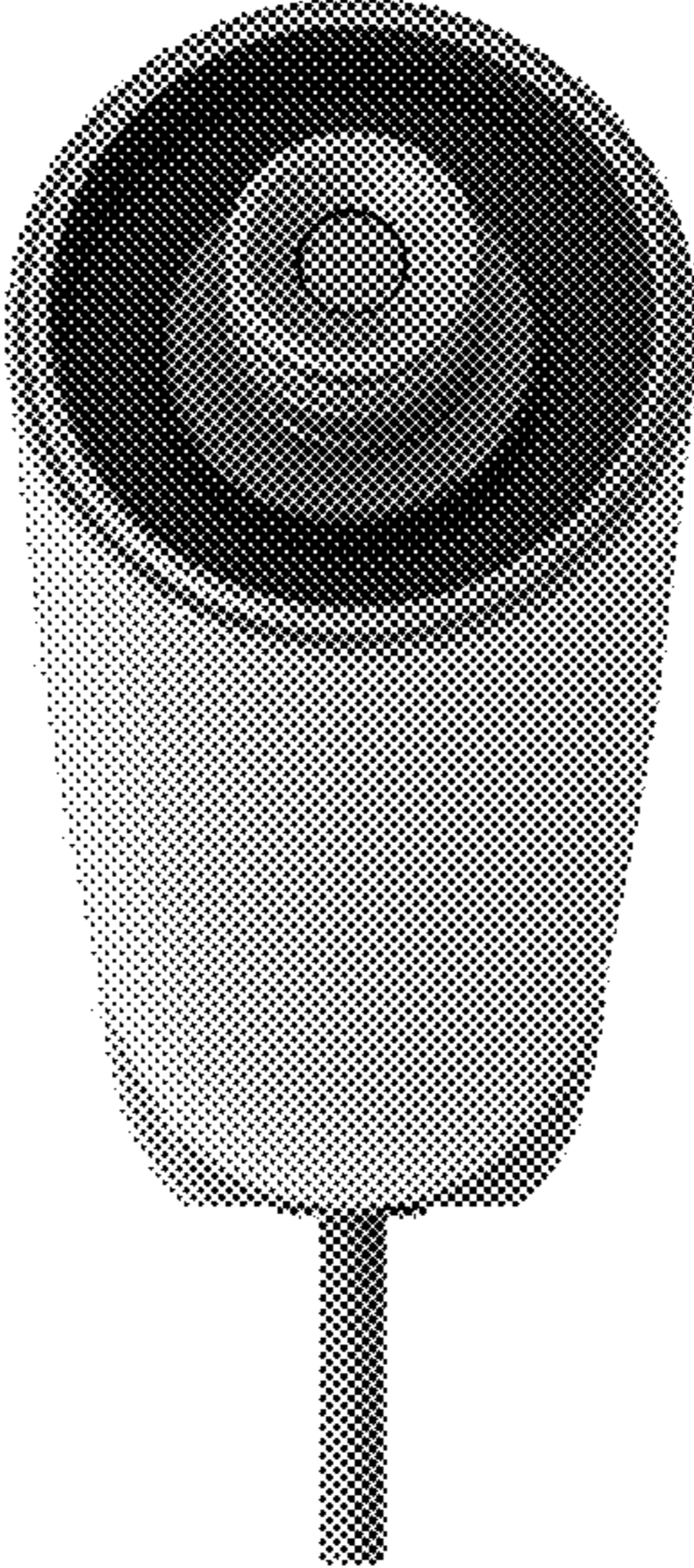


FIG. 18

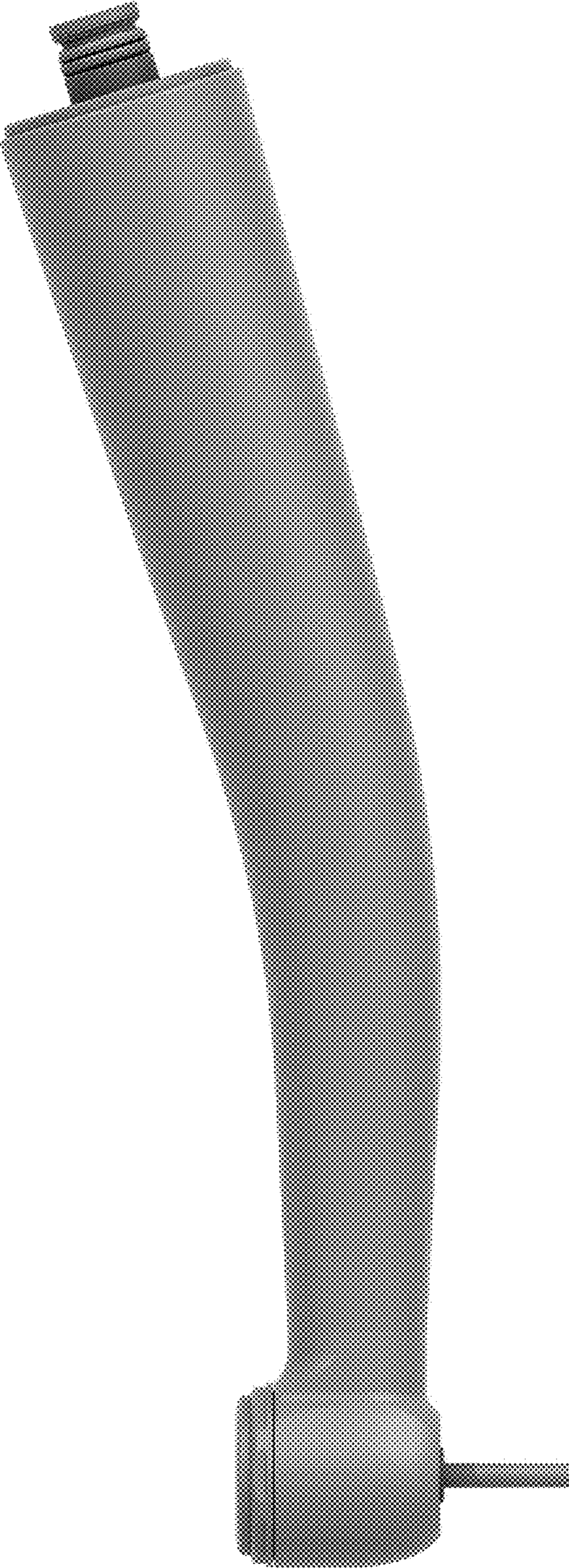


FIG. 19

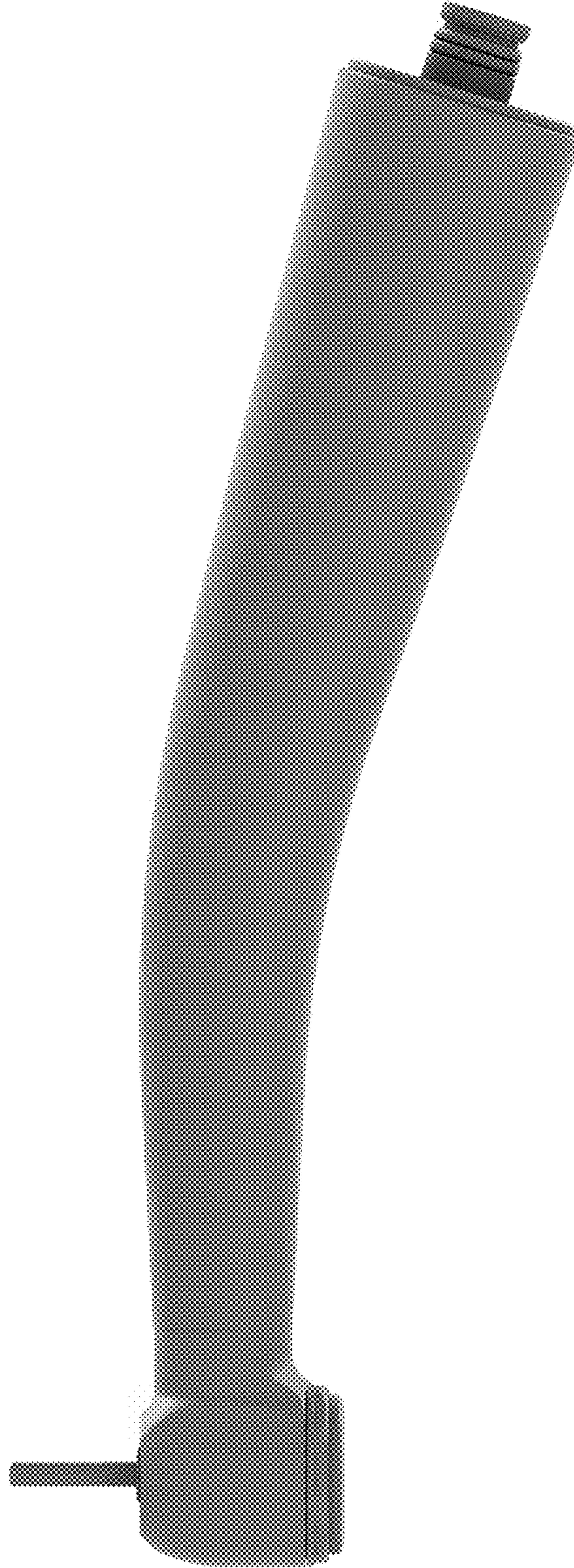


FIG.20

