



US00D841817S

(12) **United States Design Patent** (10) **Patent No.:** **US D841,817 S**
Berkely (45) **Date of Patent:** **** Feb. 26, 2019**

(54) **DENTAL AIR/WATER SYRINGE**

OTHER PUBLICATIONS

(71) Applicant: **Donovan Winston Berkely**, Irvine, CA
(US)

Luzzani Dental, Mini Mate, dated at least Feb. 25, 2016, in 1 page.

(Continued)

(72) Inventor: **Donovan Winston Berkely**, Irvine, CA
(US)

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear LLP

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

(21) Appl. No.: **29/564,574**

(22) Filed: **May 13, 2016**

(57) **CLAIM**

Related U.S. Application Data

The ornamental design for a dental air/water syringe, as shown and described.

(63) Continuation of application No. 29/564,424, filed on May 12, 2016.

(51) **LOC (11) Cl.** **24-02**

(52) **U.S. Cl.**

USPC **D24/176**

(58) **Field of Classification Search**

USPC D24/176-182, 152, 108, 112-114, 127
CPC . A61C 17/0217; A61C 17/0202; A61C 17/00;
A61C 17/02; A61C 17/0211; A61C
17/0214; A61C 17/022; A61C 1/0061;
A61C 1/0076; A61C 1/052

See application file for complete search history.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,858,056 A 5/1932 Pieper
2,094,888 A * 10/1937 Hooper A61C 17/0202
251/335.2
3,121,426 A 2/1964 Yoshida
3,375,823 A * 4/1968 Pamplin A61C 17/0217
128/200.19

(Continued)

FOREIGN PATENT DOCUMENTS

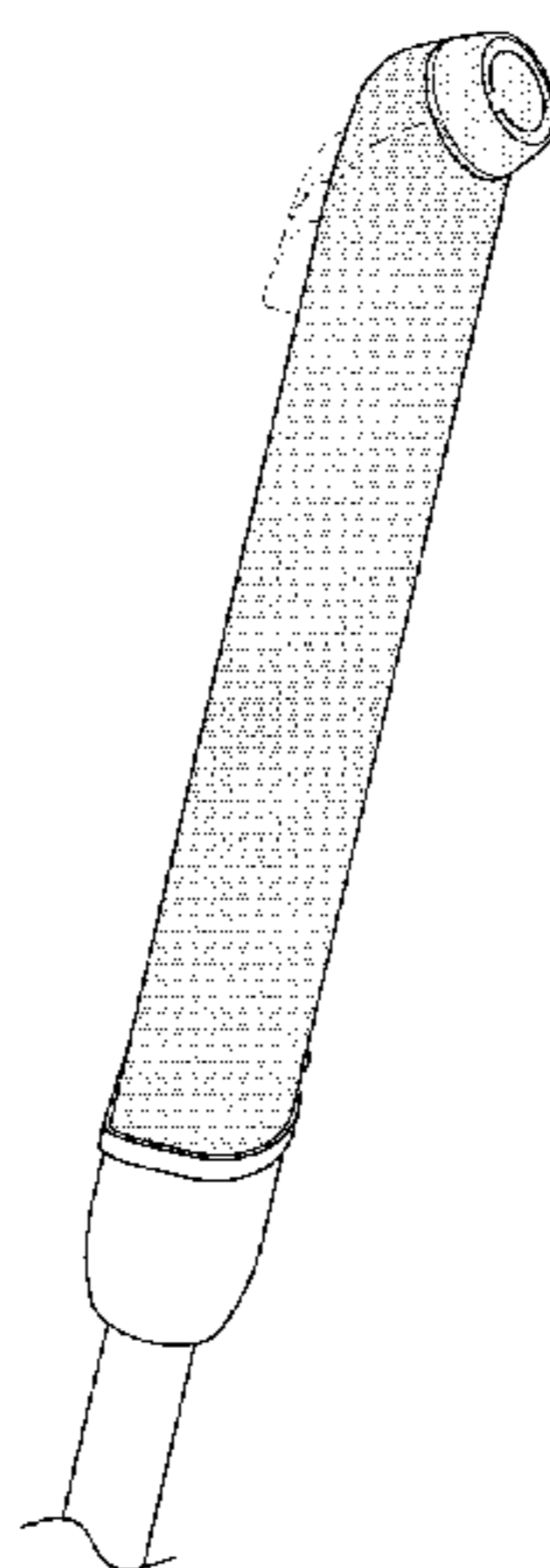
WO WO 00/35370 6/2000
WO WO 2000/33762 6/2000

(Continued)

FIG. 1 is a perspective view of a dental air/water syringe showing a first embodiment;
FIG. 2 is a left-side elevation view thereof;
FIG. 3 is a right-side elevation view thereof;
FIG. 4 is a front elevation view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a perspective view of a dental air/water syringe showing a second embodiment;
FIG. 9 is a left-side elevation view thereof;
FIG. 10 is a right-side elevation view thereof;
FIG. 11 is a front elevation view thereof;
FIG. 12 is a rear elevation view thereof;
FIG. 13 is a top plan view thereof; and,
FIG. 14 is a bottom plan view thereof.

All features in phantom line are for the purpose of illustrating environmental structure and form no part of the claimed subject matter. Color and texture may or may not form part of the claimed design or designs without departing from the design disclosed.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,424,156 A * 1/1969 Smith A61C 17/0214
222/402.21

3,698,088 A 10/1972 Austin, Jr.

3,874,083 A 4/1975 Buckley

4,248,589 A 2/1981 Lewis

4,592,728 A * 6/1986 Davis A61C 17/02
433/80

4,810,194 A 3/1989 Snedden

4,975,058 A 12/1990 Woodward

5,049,071 A 9/1991 Davis et al.

5,100,319 A 3/1992 Baum

5,192,206 A 3/1993 Davis et al.

5,204,004 A * 4/1993 Johnston A61C 1/0076
210/541

5,230,624 A * 7/1993 Wolf A61C 1/0076
433/82

5,236,356 A 8/1993 Davis et al.

5,254,103 A 10/1993 Heuillon

5,306,146 A 4/1994 Davis et al.

5,322,440 A 6/1994 Steele

5,336,202 A 8/1994 Bailly et al.

5,342,195 A 8/1994 Davis et al.

D352,354 S 11/1994 Davis et al.

5,391,145 A 2/1995 Dorsey, III

5,460,619 A 10/1995 Esrock

5,468,148 A * 11/1995 Ricks A61C 17/02
433/80

5,489,205 A 2/1996 Davis et al.

5,554,025 A 9/1996 Kinsel

5,591,389 A 1/1997 Esrock

5,616,028 A 4/1997 Hafele et al.

5,658,144 A 8/1997 Tinder et al.

5,772,433 A 6/1998 Esrock

5,848,893 A * 12/1998 Martin A61C 17/02
433/80

5,882,194 A 3/1999 Davis et al.

5,882,197 A 3/1999 Davis et al.

D409,305 S * 5/1999 Martin D24/152

5,899,692 A 5/1999 Davis et al.

5,908,296 A * 6/1999 Kipke A61C 1/0076
433/80

5,927,975 A 7/1999 Esrock

5,961,326 A 10/1999 Johnston et al.

6,079,979 A 6/2000 Riitano

6,093,020 A 7/2000 Pond et al.

6,113,391 A 9/2000 Esrock

6,149,429 A 11/2000 Bukowski et al.

6,159,007 A * 12/2000 Sorensen A61C 1/0076
210/321.64

6,238,211 B1 5/2001 Esrock

6,250,921 B1 6/2001 Esrock

RE37,324 E 8/2001 Esrock

6,283,750 B1 9/2001 Esrock

6,319,001 B1 11/2001 Esrock

6,322,361 B1 11/2001 Esrock

6,382,970 B1 * 5/2002 Foster A61C 17/02
433/80

6,390,815 B1 5/2002 Pond

6,419,485 B1 7/2002 Pond

6,464,498 B1 10/2002 Pond

6,500,000 B1 12/2002 Segal

6,533,578 B2 * 3/2003 Segal A61C 17/0202
433/127

6,824,385 B1 11/2004 Bain et al.

7,431,587 B2 10/2008 Pond

7,993,135 B2 8/2011 Nesbitt et al.

8,662,470 B2 3/2014 Klecker et al.

2001/0041321 A1 11/2001 Segal

2006/0024640 A1 * 2/2006 Pond A61C 17/0217
433/80

2011/0275026 A1 11/2011 Smith

2013/0260333 A1 * 10/2013 Berkely A61C 17/0217
433/80

2013/0316299 A1 11/2013 Berkely

2015/0050613 A1 2/2015 Berkely

FOREIGN PATENT DOCUMENTS

WO WO 2013/151961 10/2013

WO WO 2015/023799 2/2015

OTHER PUBLICATIONS

Luzzani Dental, Mini Light, dated at least Feb. 25, 2016, in 1 page.

* cited by examiner

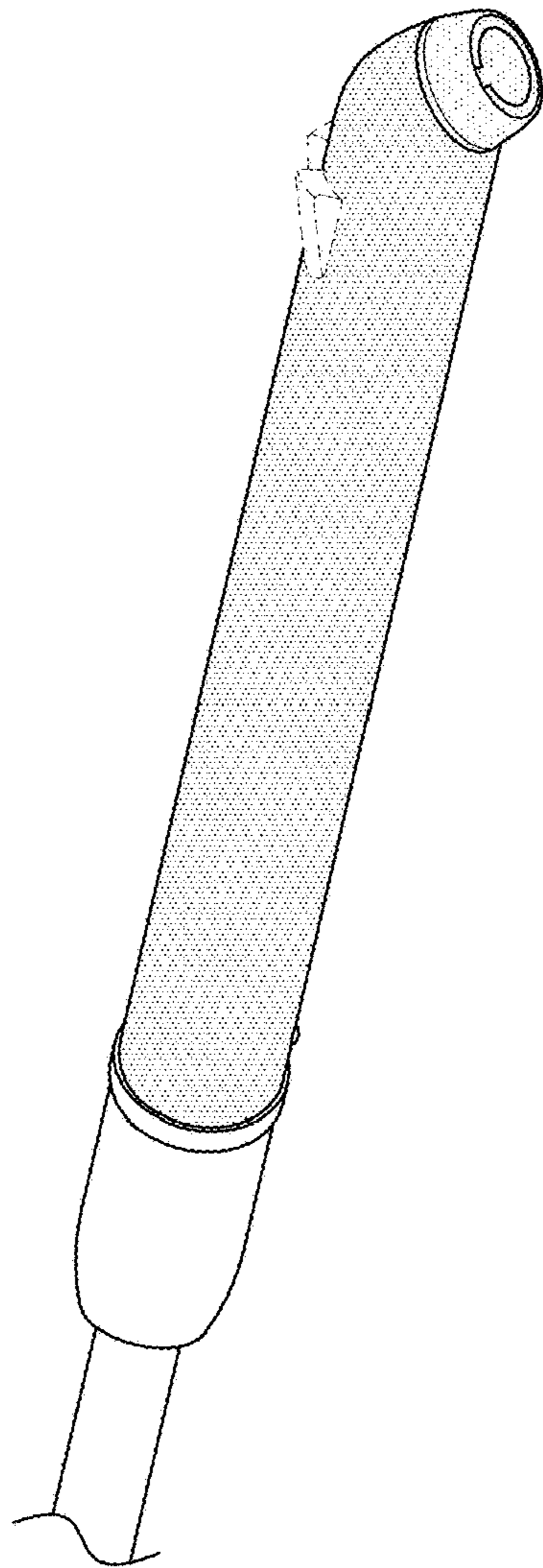


FIG. 1

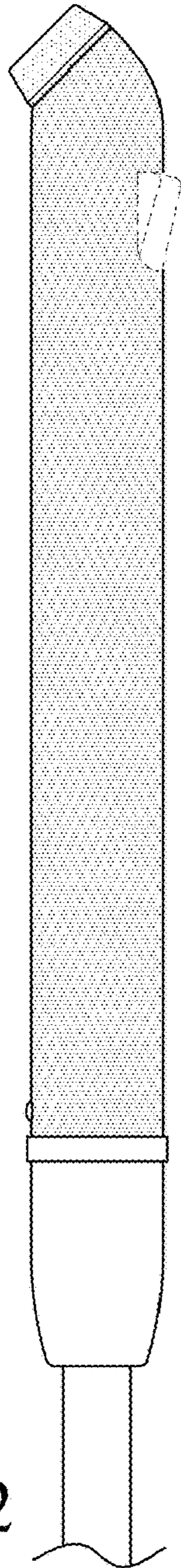


FIG. 2

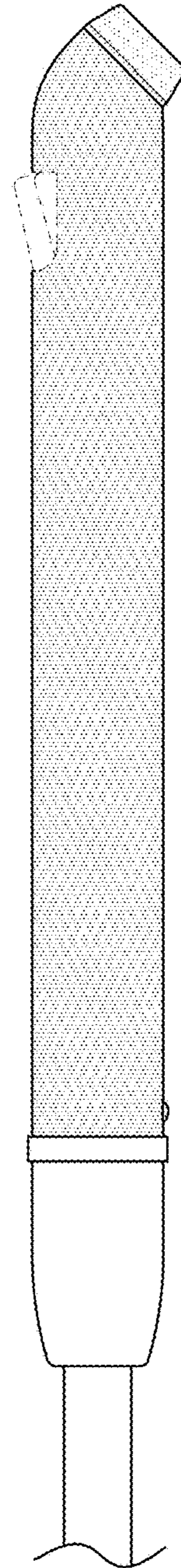
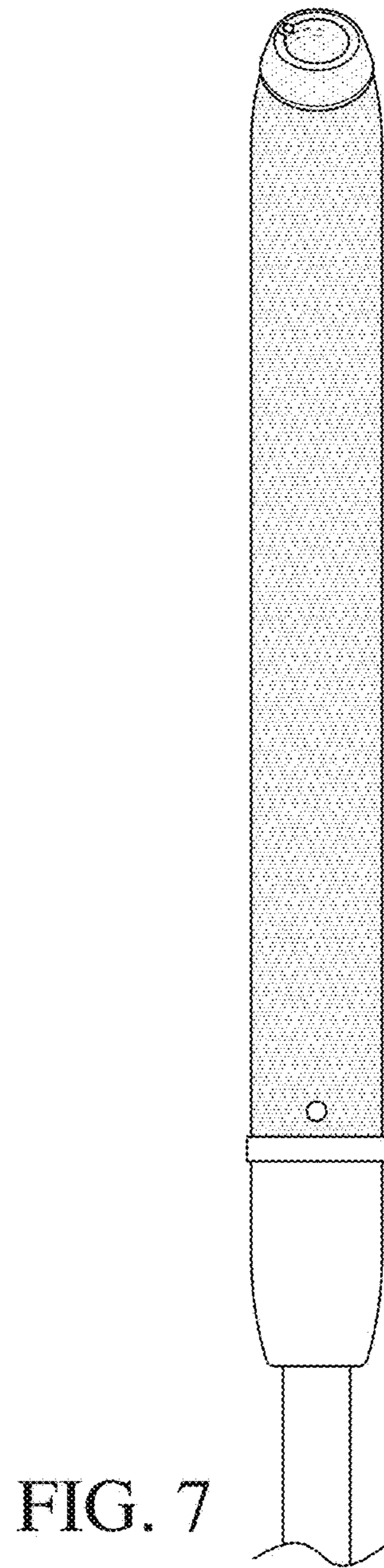
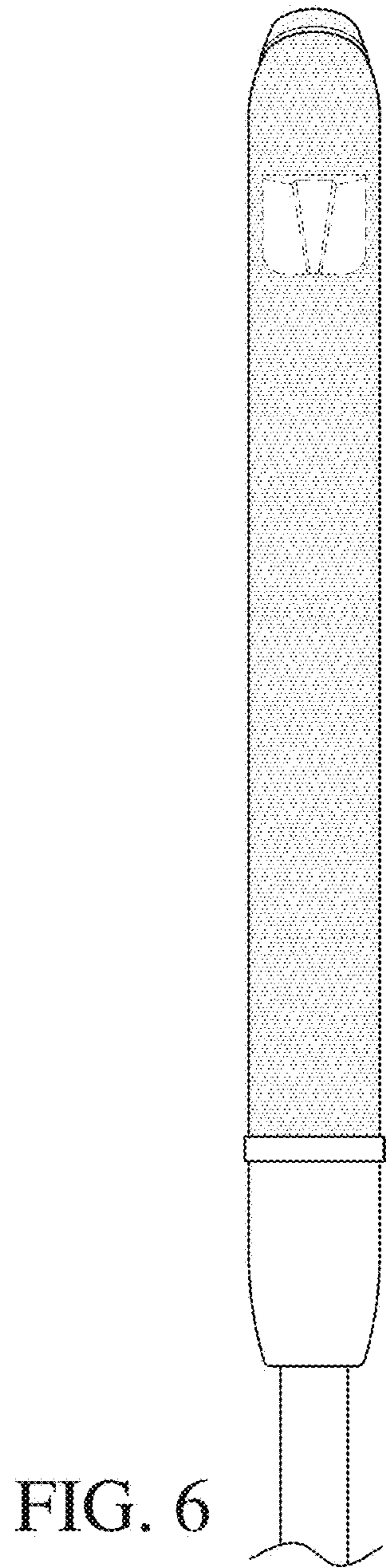
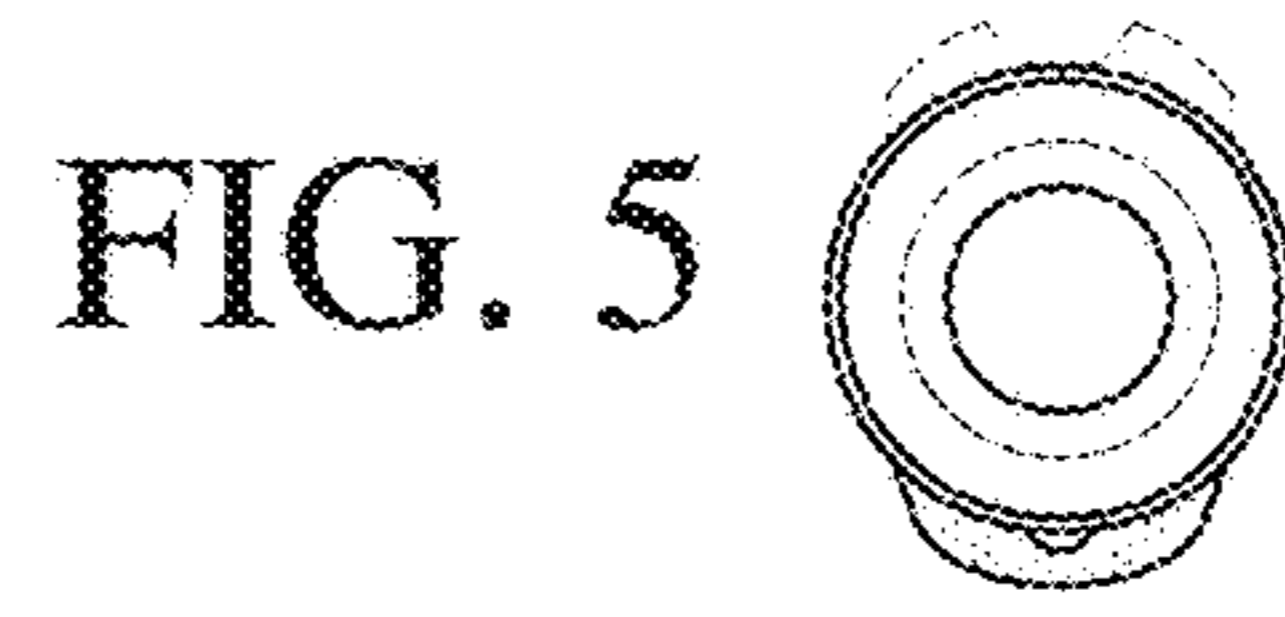
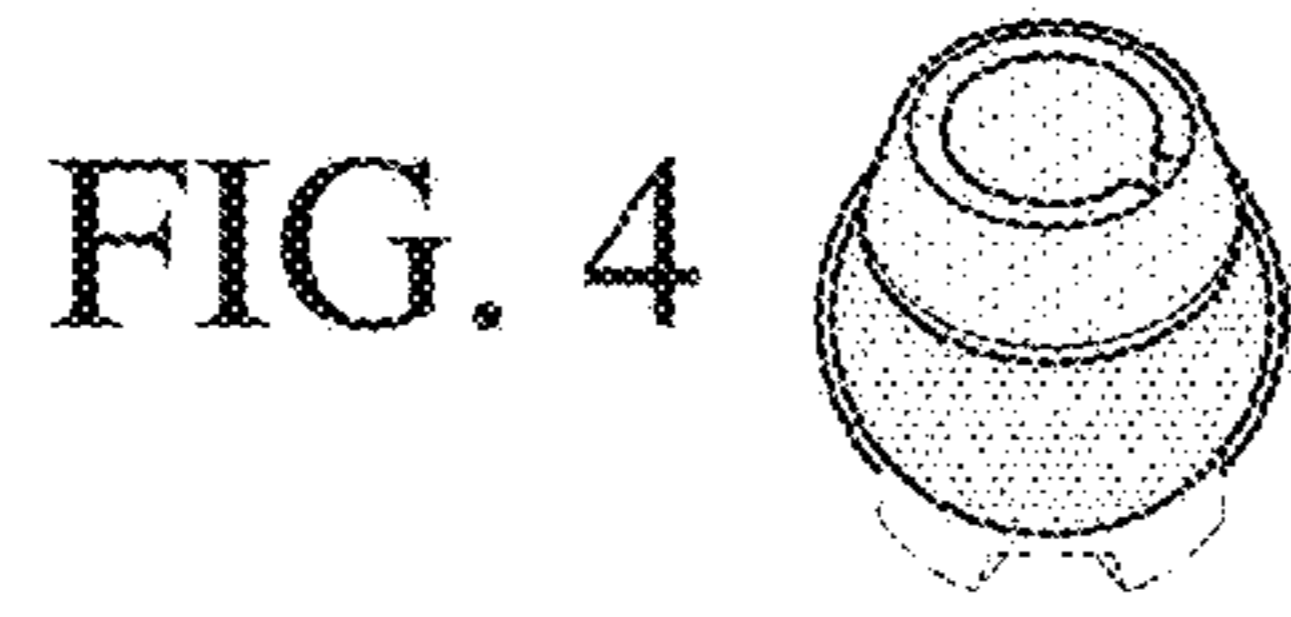


FIG. 3



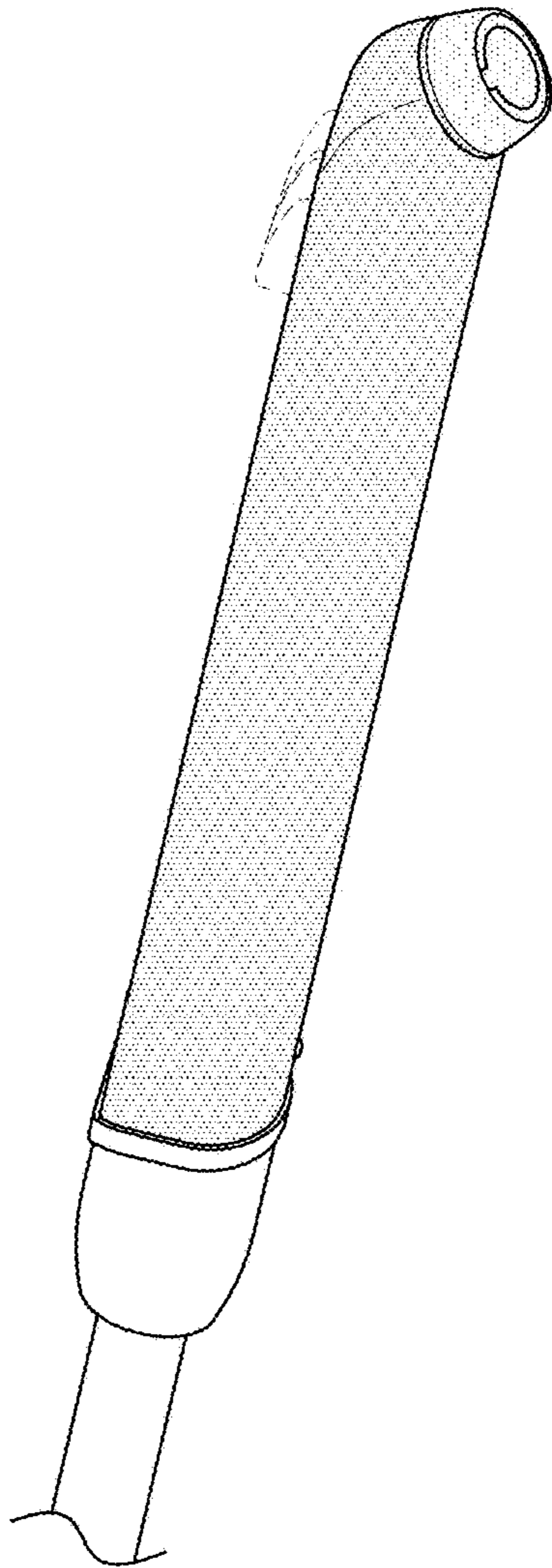


FIG. 8

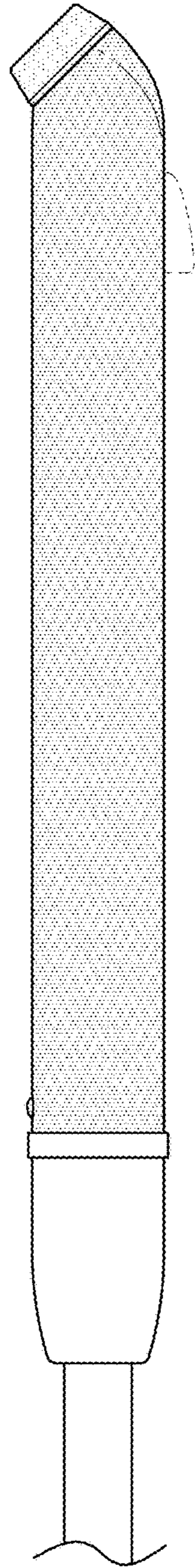


FIG. 9

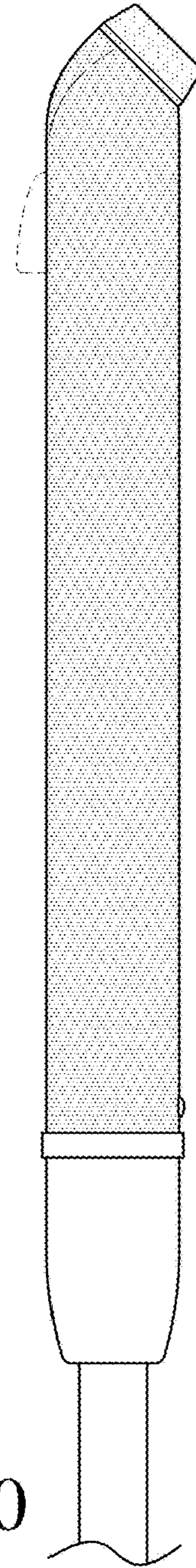


FIG. 10

