



US00D798446S

(12) **United States Design Patent** (10) **Patent No.:** **US D798,446 S**  
**Nino et al.** (45) **Date of Patent:** **\*\* Sep. 26, 2017**

(54) **ELONGATED MEDICAL INSTRUMENT HANDLE WITH RIDGES**  
(71) Applicant: **ECA Medical Instruments**, Newbury Park, CA (US)  
(72) Inventors: **John Nino**, Simi Valley, CA (US); **David Ivinson**, Camarillo, CA (US)  
(73) Assignee: **ECA Medical Instruments**, Newbury Park, CA (US)

4,091,497 A 5/1978 Bade  
4,414,974 A 11/1983 Dotson et al.  
D318,116 S 7/1991 Michelson  
D318,118 S 7/1991 Michelson  
D331,625 S 12/1992 Price  
D336,957 S 6/1993 Koros  
5,391,171 A 2/1995 Schmieding  
(Continued)

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

(21) Appl. No.: **29/587,880**

(22) Filed: **Dec. 15, 2016**

**Related U.S. Application Data**

(60) Continuation of application No. 29/524,715, filed on Apr. 22, 2015, now Pat. No. Des. 779,059, which is a division of application No. 13/983,535, filed on Aug. 21, 2013, now Pat. No. 9,173,813.

(51) **LOC (10) Cl.** ..... **24-02**

(52) **U.S. Cl.**  
USPC ..... **D24/133**

(58) **Field of Classification Search**  
USPC ..... D24/133, 146-147  
CPC ..... A61B 19/029; A61B 19/0287; A61B 19/0288; A61B 17/8875; A61B 17/32056; A61B 17/00; A61B 17/56; A61B 2017/0042; A61B 2017/00429; B25G 1/102; B25G 1/105  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

267,517 A 11/1882 Gray  
D37,997 S 5/1906 Tower  
3,803,667 A \* 4/1974 Rose ..... A61B 17/1604  
16/422

**FOREIGN PATENT DOCUMENTS**

EP 2168539 3/2010  
KR 20-0353368 6/2004  
(Continued)

**OTHER PUBLICATIONS**

Canadian Office Action dated Sep. 11, 2014; Issued in Canadian patent application 2,826,763.  
(Continued)

*Primary Examiner* — Wan Laymon  
(74) *Attorney, Agent, or Firm* — Baker & Hostetler LLP

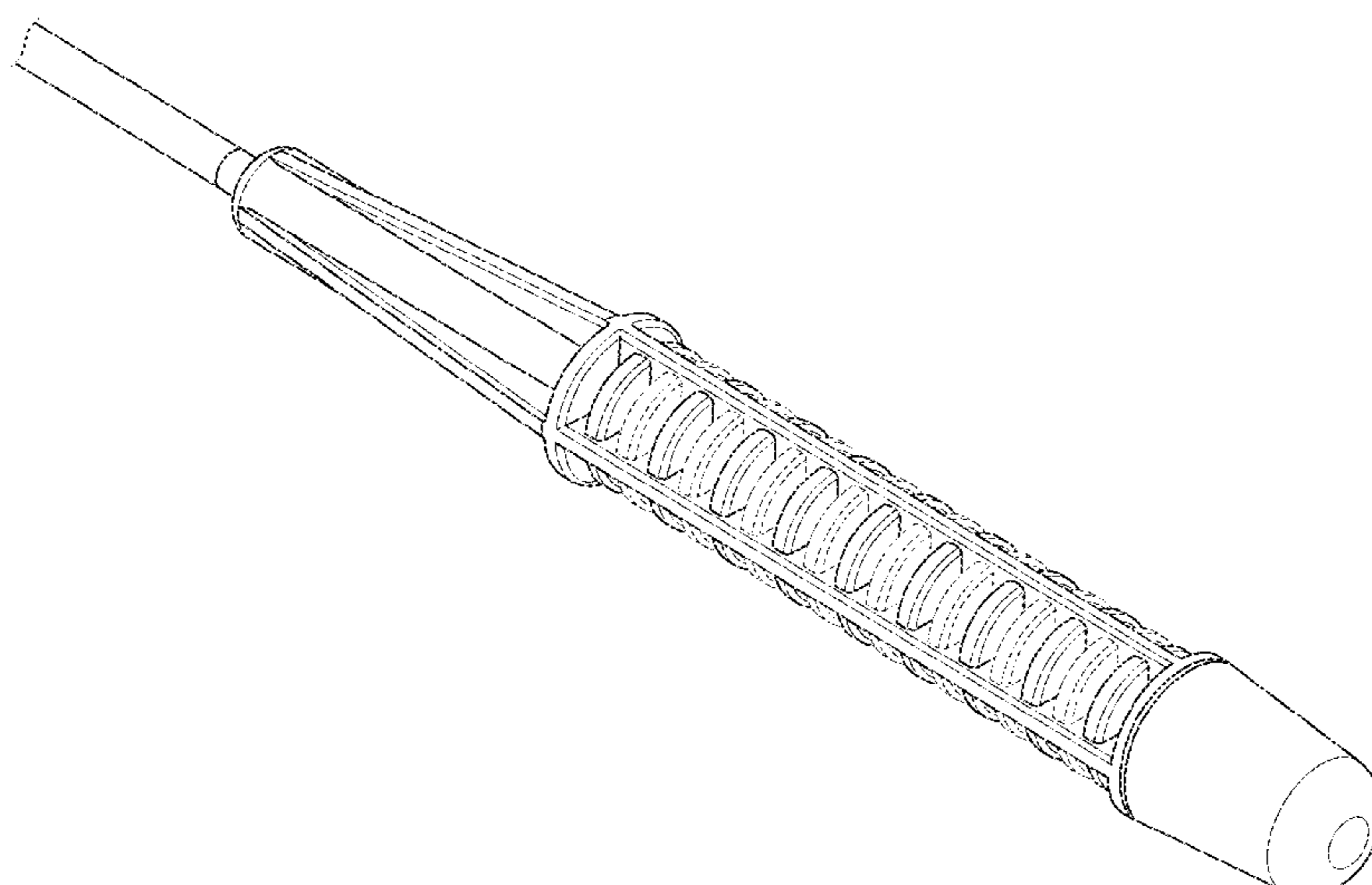
(57) **CLAIM**

We claim the ornamental design for an elongated medical instrument handle with ridges, as shown and described.

**DESCRIPTION**

FIGS. 1-4 are side elevations offset 90 degrees of an elongated medical instrument handle with ridges showing our new design;  
FIG. 5 is a front view thereof;  
FIG. 6 is a rear view thereof; and,  
FIG. 7 is a perspective view front to rear.  
The broken lines showing the remainder of the medical instrument are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

5,464,407 A 11/1995 McGuire  
 5,489,307 A 2/1996 Kuslich et al.  
 D379,510 S 5/1997 Bays  
 6,416,518 B1 7/2002 DeMayo  
 D490,896 S 6/2004 Bogazzi  
 6,960,206 B2 11/2005 Keane  
 D513,378 S 1/2006 Lin  
 D520,320 S 5/2006 Corcoran  
 D531,310 S 10/2006 Wolter et al.  
 D551,052 S 9/2007 Lin  
 D553,464 S 10/2007 Rinner  
 7,334,509 B1 2/2008 Gao  
 7,488,326 B2 2/2009 Elliott  
 D619,716 S 7/2010 Wagner  
 D627,882 S 11/2010 Slowey et al.  
 D646,545 S 10/2011 Molina et al.  
 D652,137 S 1/2012 Nino et al.  
 D652,138 S 1/2012 Nino et al.  
 8,236,010 B2 8/2012 Ortiz et al.  
 D700,033 S 2/2014 Lin  
 8,814,935 B2 8/2014 Paulos  
 D724,201 S 3/2015 Homsy  
 9,060,748 B2 6/2015 Housman et al.  
 D737,443 S 8/2015 Ciravolo et al.  
 2002/0114920 A1 8/2002 Scholz et al.  
 2003/0023247 A1 1/2003 Lind et al.  
 2003/0070514 A1 4/2003 Kilgore

2003/0120272 A1 6/2003 Schneider et al.  
 2003/0191474 A1 10/2003 Cragg et al.  
 2004/0127888 A1 7/2004 O'Neil et al.  
 2005/0119663 A1 6/2005 Keyer et al.  
 2006/0074374 A1 4/2006 Gresham  
 2007/0016219 A1 1/2007 Levine  
 2007/0027230 A1 2/2007 Beyar et al.  
 2007/0135779 A1 6/2007 Lalomia et al.  
 2009/0145901 A1 6/2009 Finnestad et al.  
 2009/0198263 A1 8/2009 LaFauci et al.  
 2009/0306657 A1 12/2009 Piippo et al.  
 2010/0160824 A1 6/2010 Parihar et al.  
 2011/0144671 A1 6/2011 Piippo et al.  
 2014/0276893 A1 9/2014 Schaller et al.  
 2015/0374426 A1 12/2015 Galm et al.  
 2016/0008523 A1 1/2016 Nino et al.

FOREIGN PATENT DOCUMENTS

WO WO 2005/021066 3/2005  
 WO WO 2005/037065 A2 4/2005  
 WO WO 2010/034847 A1 4/2010

OTHER PUBLICATIONS

European Search Report dated Jun. 18, 2014; Issued in European patent application 12745227.4.

\* cited by examiner

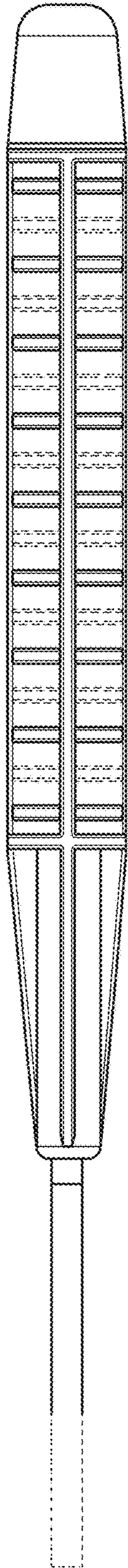


FIG. 1

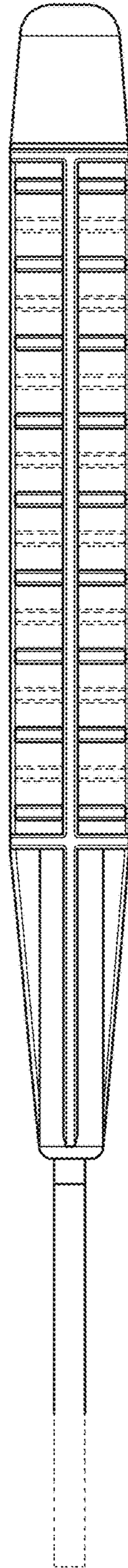


FIG. 2



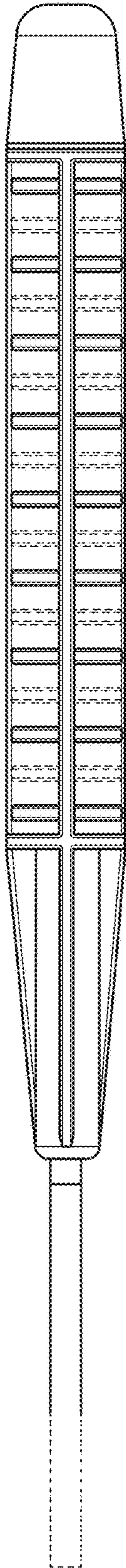


FIG. 3

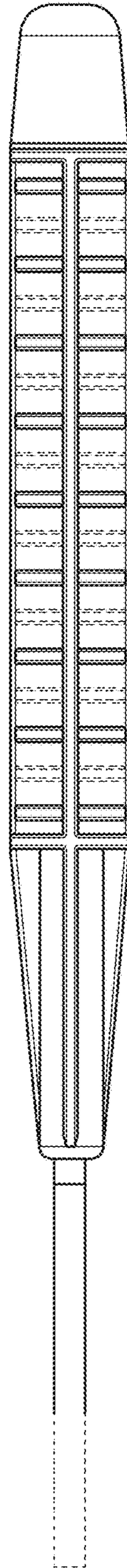


FIG. 4

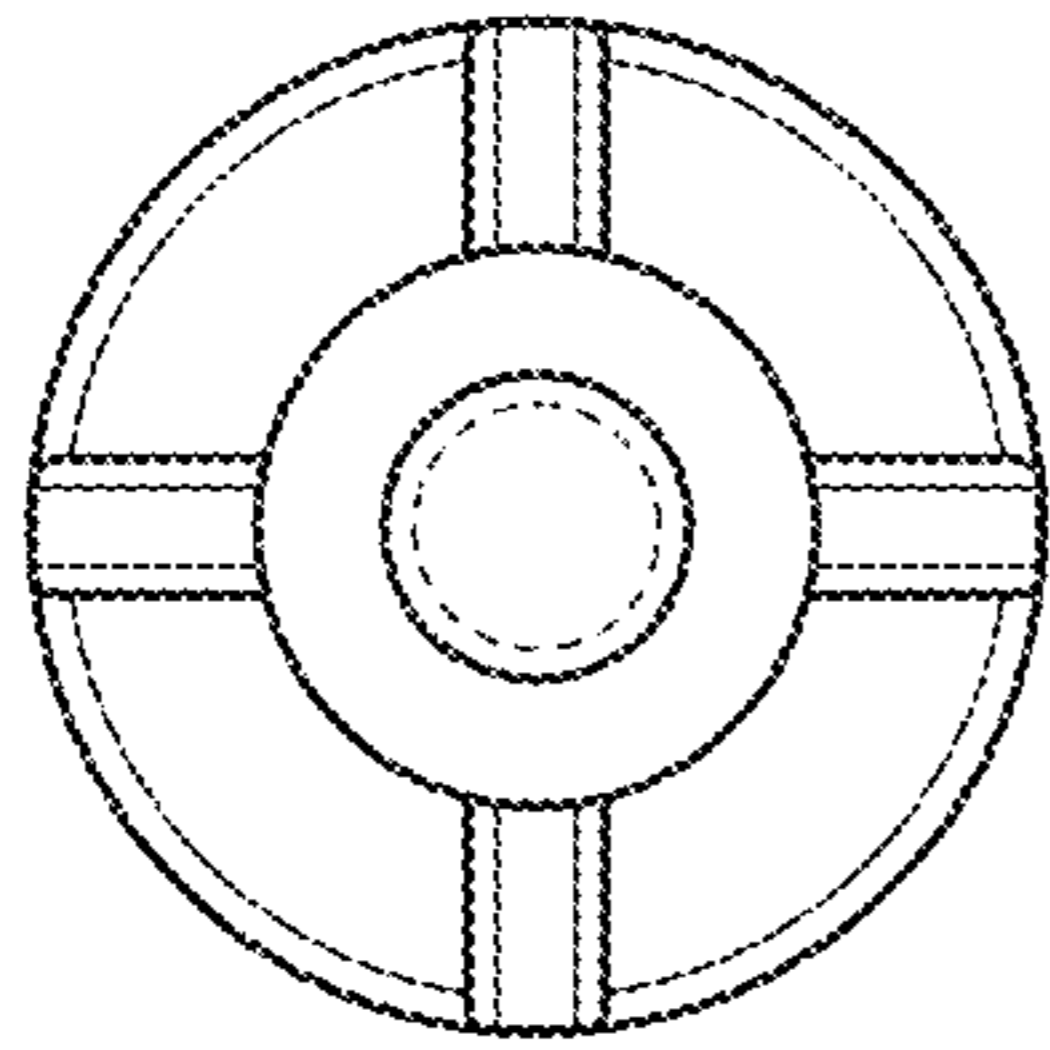


FIG. 5

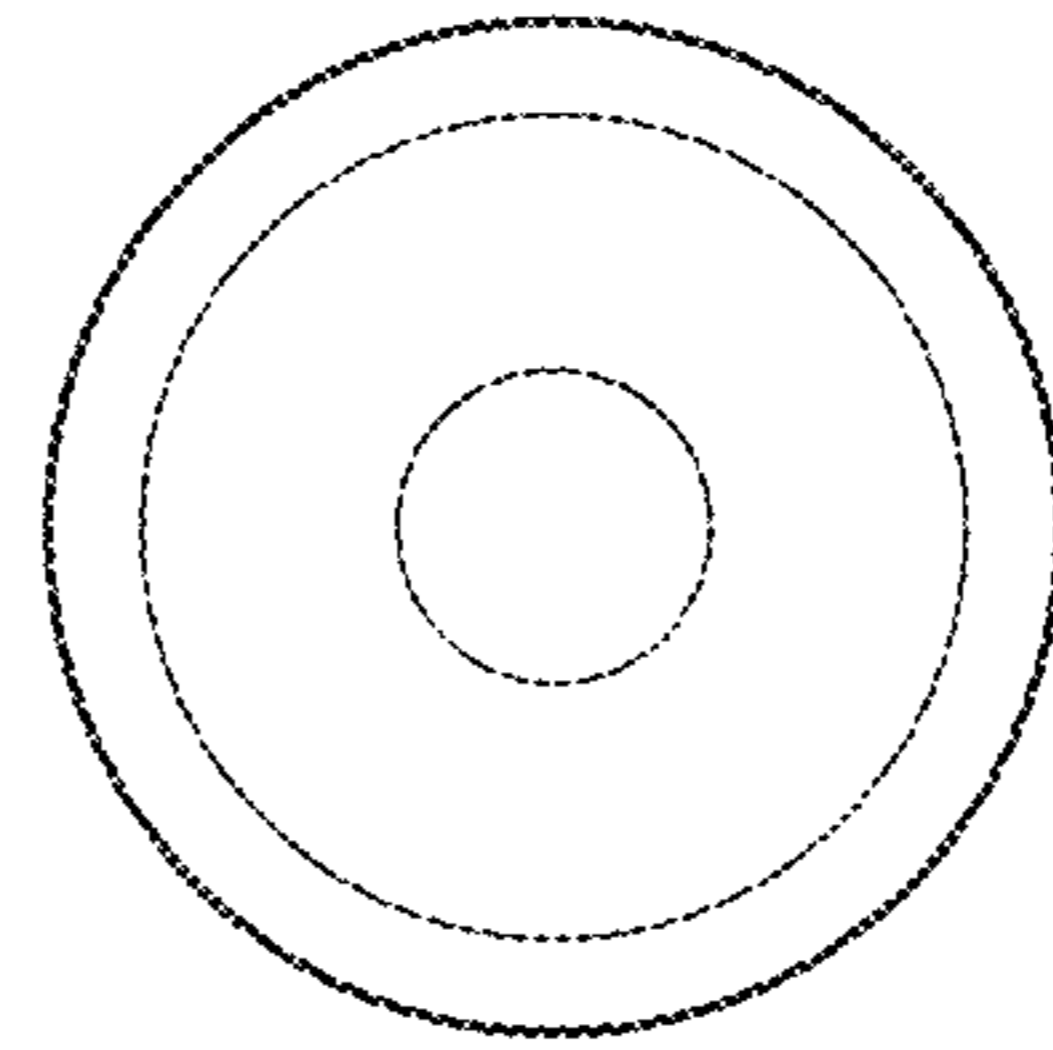


FIG. 6

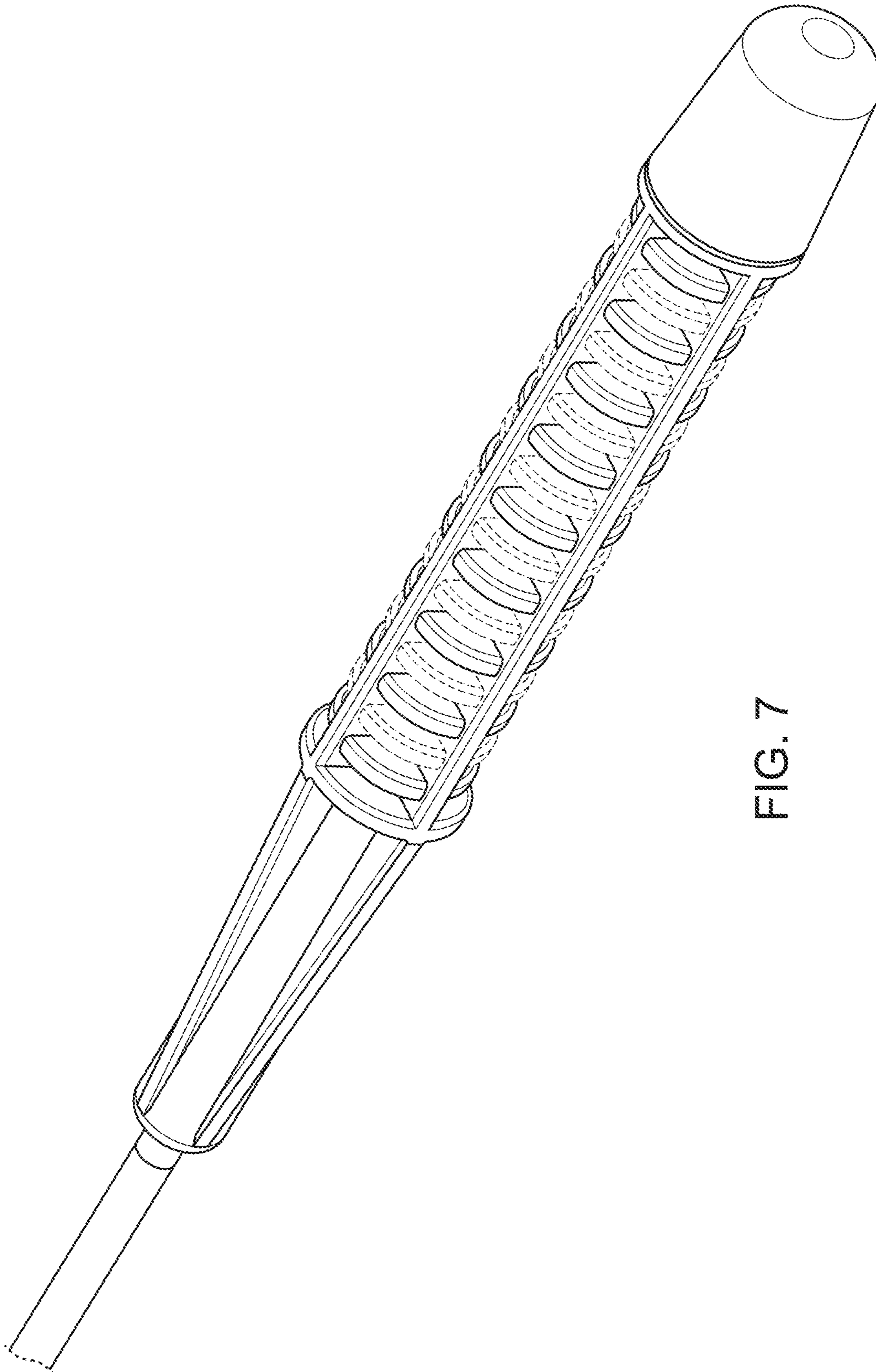


FIG. 7