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(12) **United States Design Patent** (10) **Patent No.:** **US D840,530 S**
Yatabe et al. (45) **Date of Patent:** **** Feb. 12, 2019**

(54) **MEDICAMENT SPRAYER**
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Kenichi Shimura, Tokyo (JP)
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(**) Term: **14 Years**

(21) Appl. No.: **29/517,872**
(22) Filed: **Feb. 18, 2015**

Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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Mar. 22, 2012 (JP) 2012-006496
Mar. 22, 2012 (JP) 2012-006497
Mar. 22, 2012 (JP) 2012-006498

(51) **LOC (11) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/112**

(58) **Field of Classification Search**
USPC D24/107, 108, 112, 118, 127, 128, 129
CPC .. A61M 11/00; A61M 11/006; A61M 11/007;
A61M 3/0279; A61M 3/00; A61M
25/0071; A61M 11/02; A61M 2210/0618;
A61M 2210/0625; A61M 25/0023; A61M
2025/0681; B05B 11/0075; B05B 11/0078
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,810,885 A * 9/1998 Zinger A61C 5/064
604/197
6,884,232 B1 * 4/2005 Hagmann A61B 17/00491
604/191

8,033,483 B2 * 10/2011 Fortier A61B 17/00491
222/137
8,973,596 B2 * 3/2015 Hull F16K 15/023
137/1
D726,304 S * 4/2015 Yatabe D24/112
2006/0253082 A1 * 11/2006 McIntosh A61B 17/00491
604/191

(Continued)

FOREIGN PATENT DOCUMENTS

JP 2009-011805 A 1/2009

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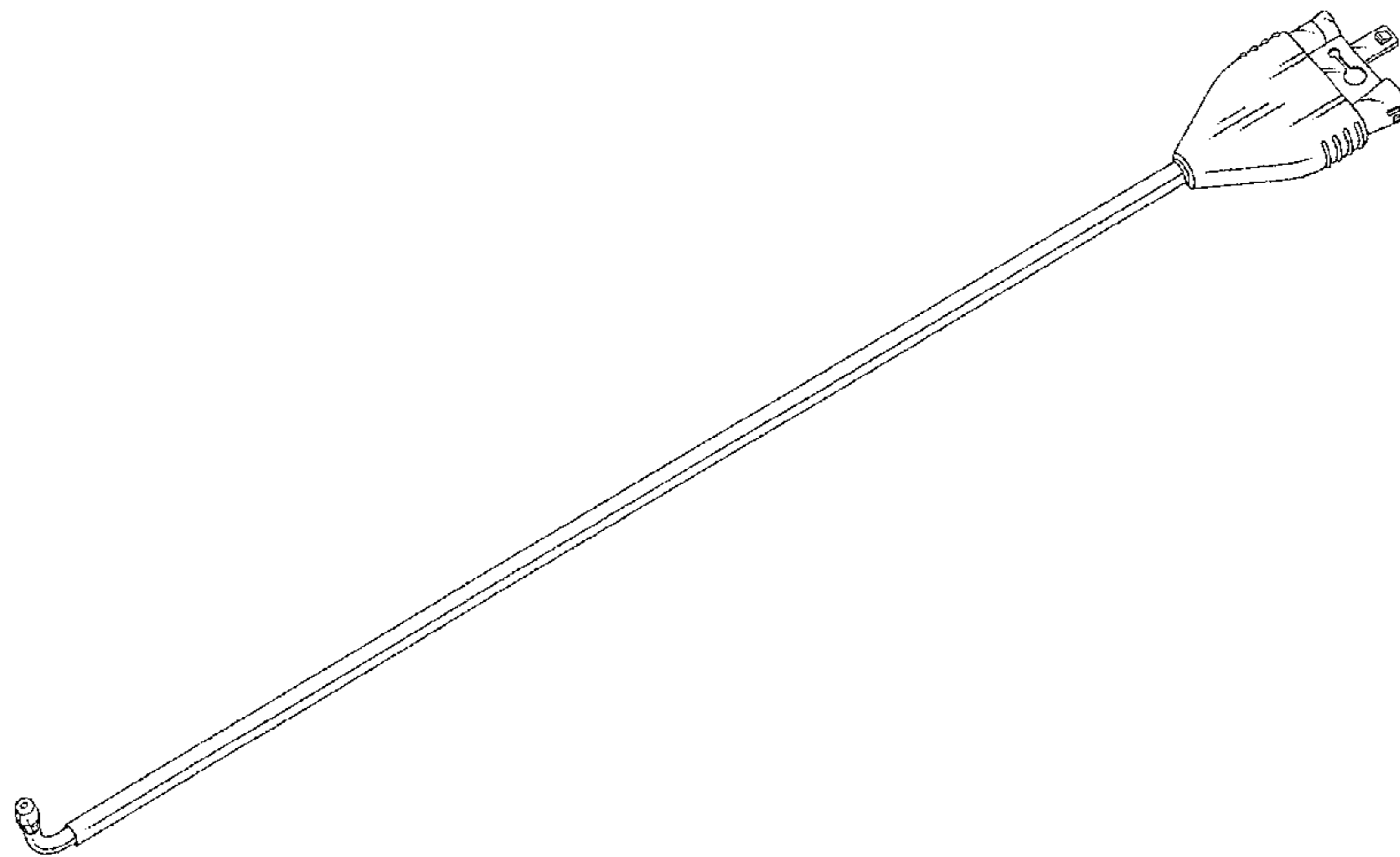
(57) **CLAIM**

We claim the ornamental design for a medicament sprayer, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the medicament sprayer, showing our new design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a right side elevational view thereof;
FIG. 8 is a left side elevational view thereof; and,
FIG. 9 is a front elevational view with the sheath shifted from its position in FIG. 3.
Portions of the design shown in broken lines form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2008/0272209 A1* 11/2008 Yokoyama A61B 17/00491
239/304
2010/0331766 A1 12/2010 Hayakawa
2011/0172703 A1* 7/2011 Redl A61B 17/00491
606/213
2013/0110157 A1* 5/2013 Sherman A61M 3/0279
606/213
2015/0005697 A1* 1/2015 Yatabe A61B 17/00491
604/24

* cited by examiner

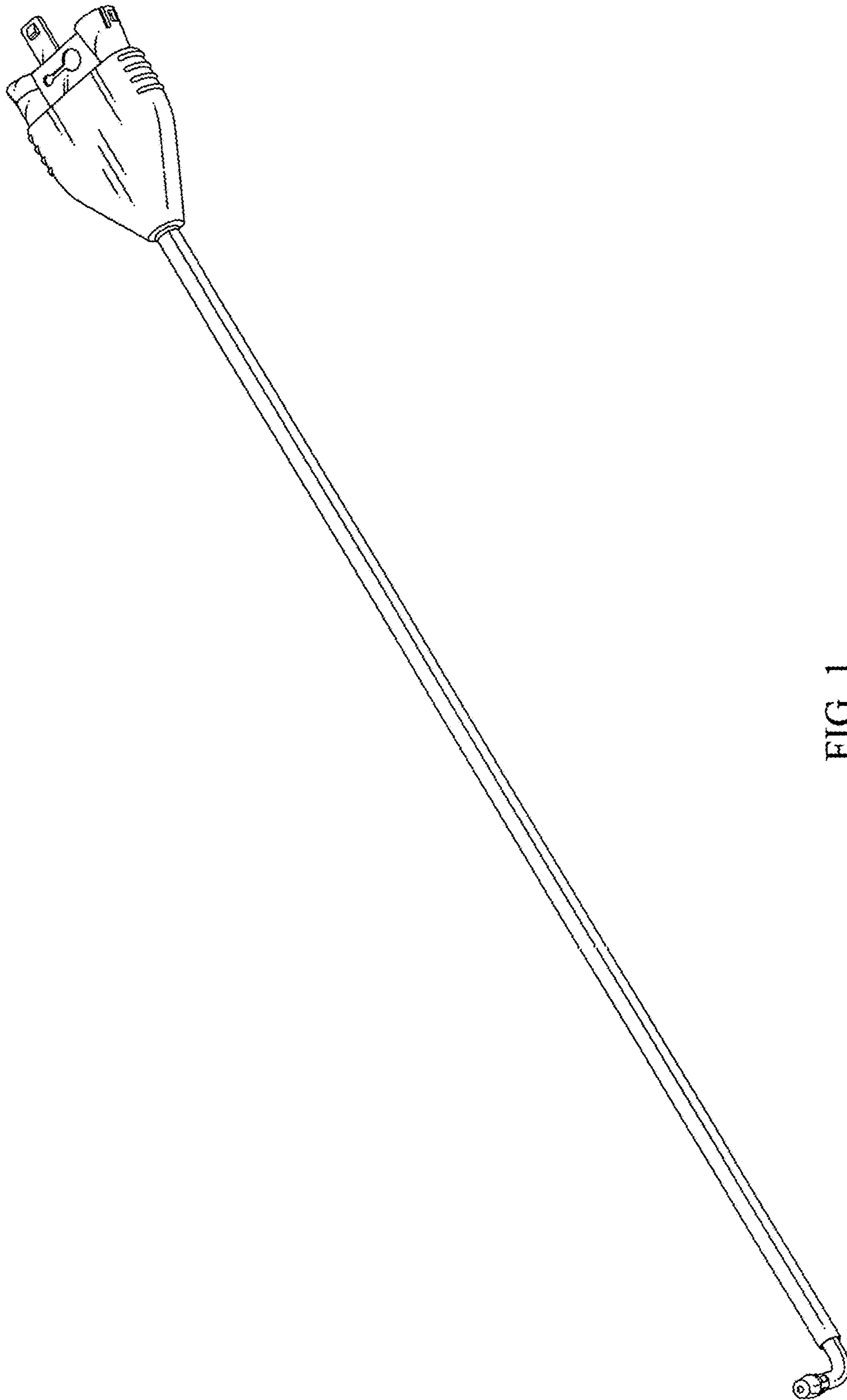


FIG. 1

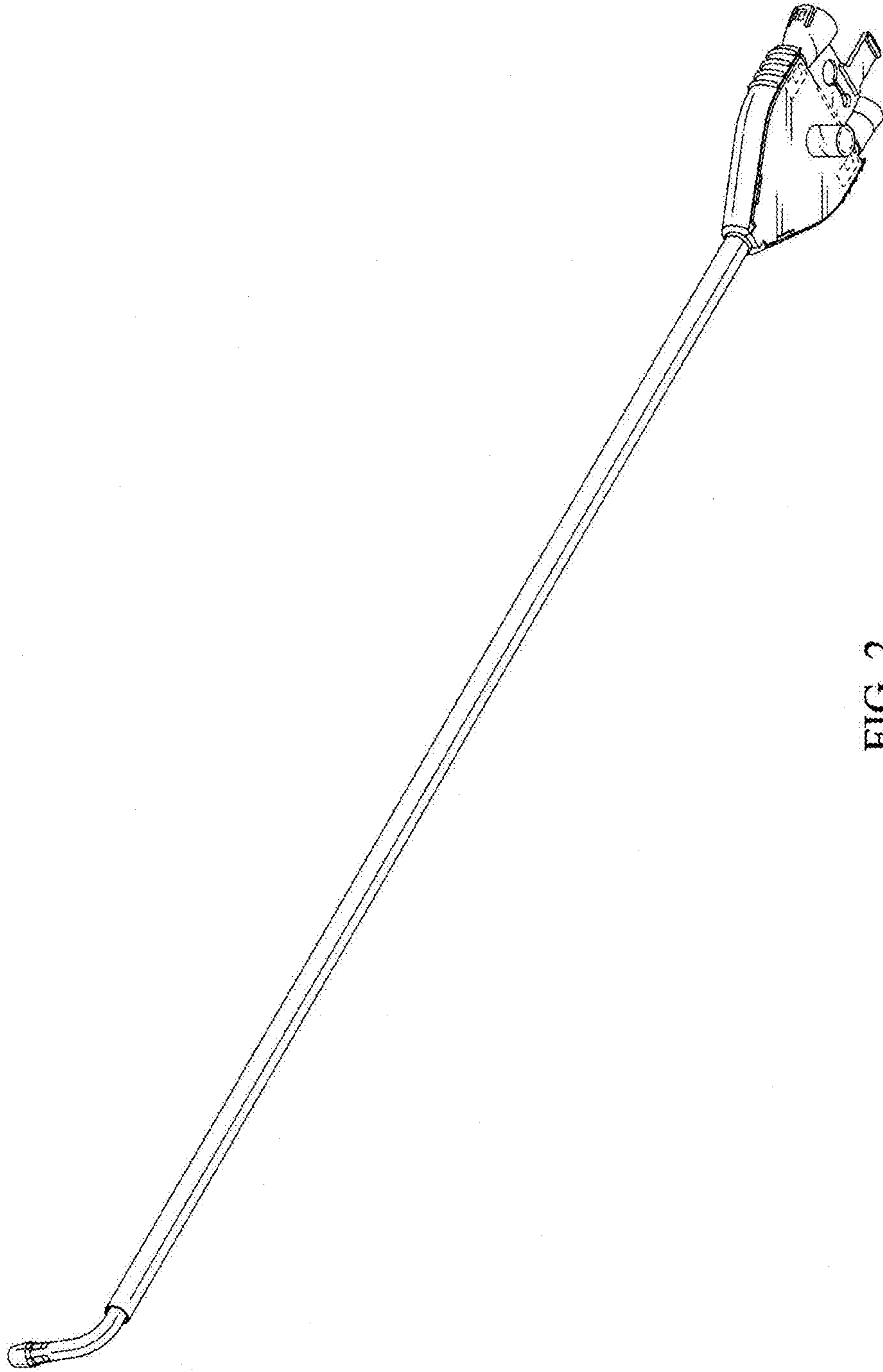


FIG. 2

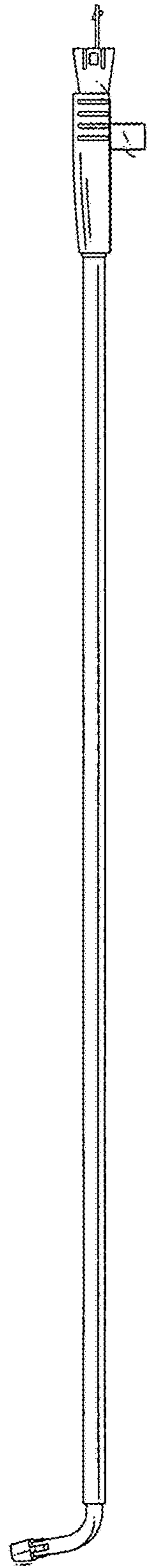


FIG. 3

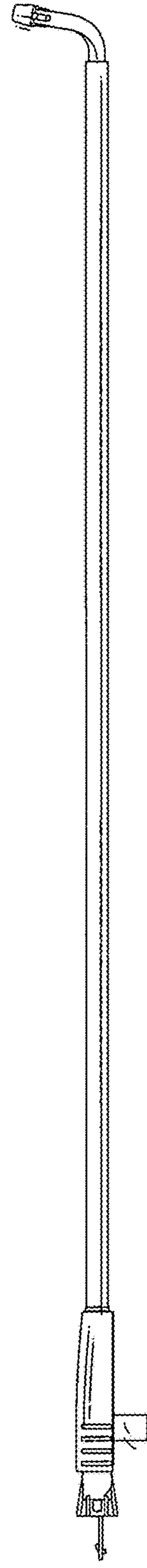


FIG. 4

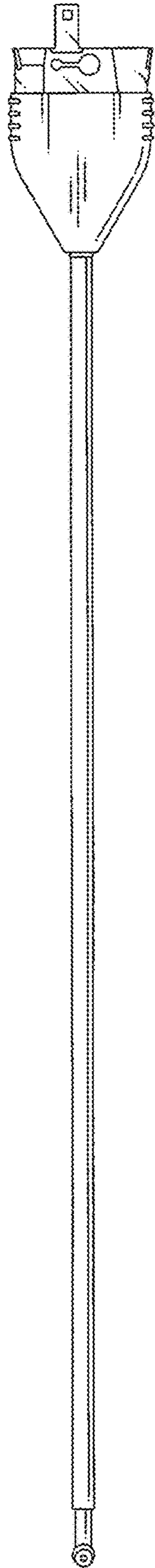


FIG. 5

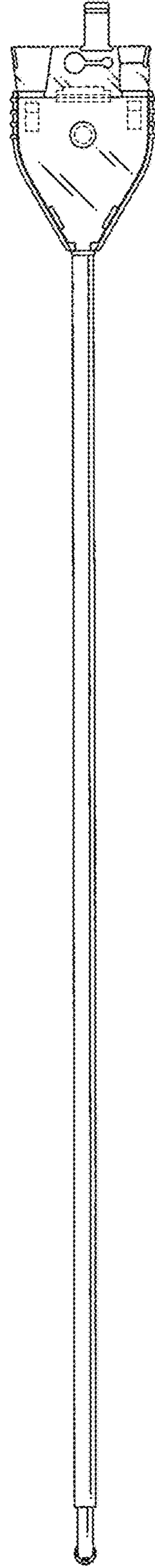


FIG. 6

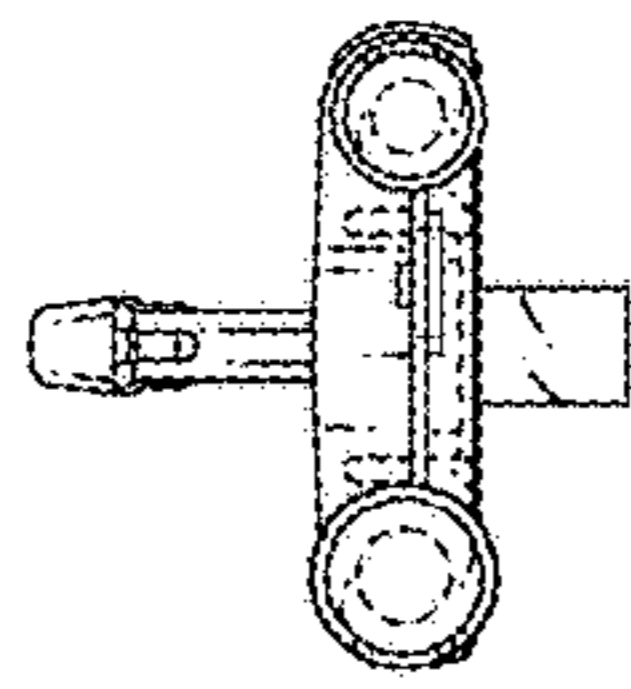


FIG. 7

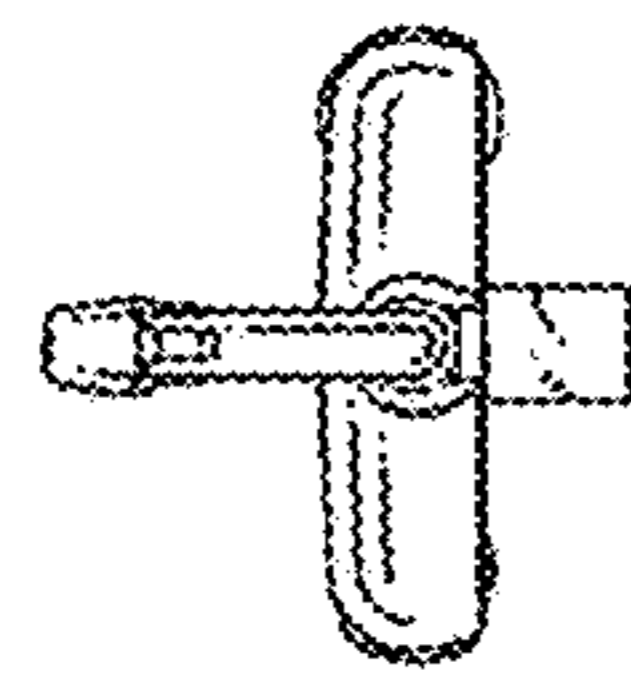


FIG. 8

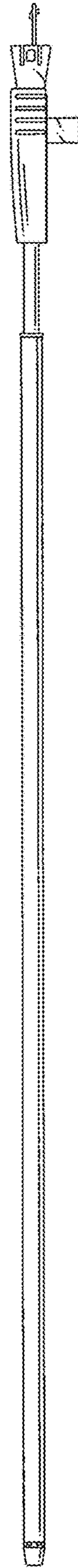


FIG. 9