



US00D816838S

(12) **United States Design Patent**
Kheradpir et al.

(10) **Patent No.:** **US D816,838 S**

(45) **Date of Patent:** **** May 1, 2018**

(54) **POINTER APPARATUS**

(71) Applicants: **Leila Kheradpir**, Toronto (CA); **Kyle Richard Dupont**, Toronto (CA); **Jakub Jankowski**, Toronto (CA); **Samson Ng**, Toronto (CA)

(72) Inventors: **Leila Kheradpir**, Toronto (CA); **Kyle Richard Dupont**, Toronto (CA); **Jakub Jankowski**, Toronto (CA); **Samson Ng**, Toronto (CA)

(73) Assignee: **SYNAPTIVE MEDICAL (BARBADOS) INC.**, Bridgetown (BB)

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

(21) Appl. No.: **29/589,926**

(22) Filed: **Jan. 5, 2017**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/540,430, filed on Sep. 24, 2015, now abandoned, which is a continuation-in-part of application No. 29/504,558, filed on Oct. 7, 2014, now abandoned.

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

(52) **U.S. Cl.**
USPC **D24/140**

(58) **Field of Classification Search**
USPC D24/140, 108, 112, 137, 138
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D331,461 S *	12/1992	Lester	D24/133
D420,132 S *	2/2000	Bucholz	D24/140
6,711,431 B2 *	3/2004	Sarin	A61B 5/103
				606/130
7,491,198 B2 *	2/2009	Kockro	A61B 90/36
				600/117

(Continued)

FOREIGN PATENT DOCUMENTS

KR 300524497.000 * 3/2009

OTHER PUBLICATIONS

What-when-how. <URL: <http://what-when-how.com/stereotactic-and-functional-neurosurgery/surgical-navigation-with-the-brainlab-system-stereotactic-and-functional-neurosurgery/>> Visited Dec. 13, 2017. Surgical navigation system.*

(Continued)

Primary Examiner — Bridget L Eland

Assistant Examiner — Lauren McVey

(74) *Attorney, Agent, or Firm* — Perry + Currier Inc.

(57) **CLAIM**

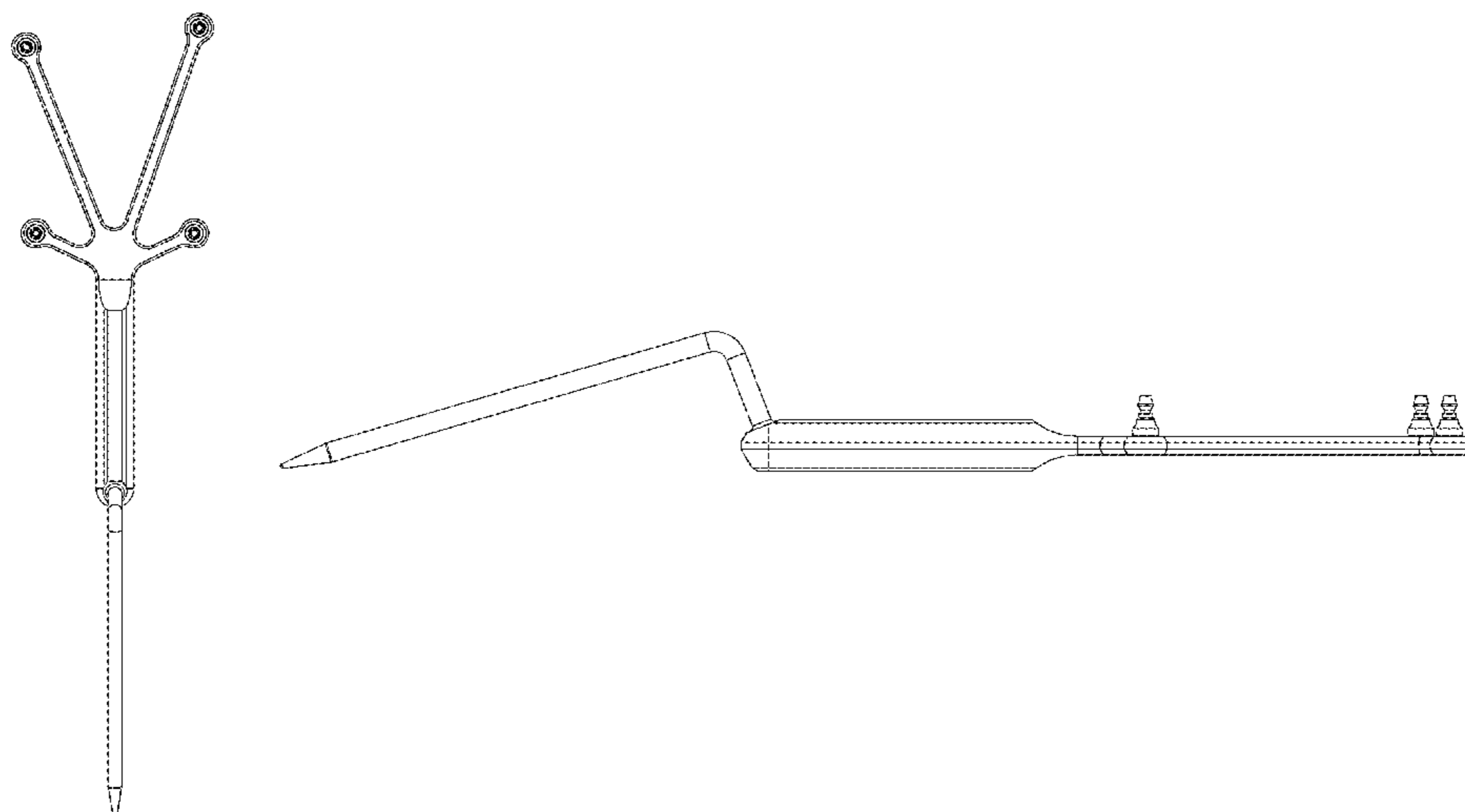
We claim the ornamental design for a pointer apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a pointer apparatus, showing our new design;
 FIG. 2 is a front elevation plan view thereof;
 FIG. 3 is a rear elevation view thereof;
 FIG. 4 is an enlarged top plan view thereof, in order to show aspects of the design not otherwise apparent;
 FIG. 5 is an enlarged bottom plan view thereof, in order to show aspects of the design not otherwise apparent;
 FIG. 6 is a left side elevation view thereof;
 FIG. 7 is a right side elevation view thereof; and,
 FIG. 8 is a front perspective view thereof, shown with environment.

The broken lines are directed to environment and form no part of the claimed design.
 The wire frame lines shown throughout the views are intended to indicate surface contour.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,643,862 B2 * 1/2010 Schoenefeld A61B 90/36
600/407
8,205,616 B2 * 6/2012 Miyazaki A61B 90/50
128/845
8,357,165 B2 * 1/2013 Grant A61B 90/36
606/86 R
8,800,939 B2 * 8/2014 Karsak A61B 17/1703
248/74.1
D732,663 S * 6/2015 Miner D24/128
D761,428 S * 7/2016 Birkenbach D24/140
D788,915 S * 6/2017 Kheradpir D24/140
2003/0181918 A1 * 9/2003 Smothers A61B 6/547
606/86 R
2005/0113846 A1 * 5/2005 Carson A61F 2/461
606/130

OTHER PUBLICATIONS

Youtube. <URL: <https://www.youtube.com/watch?v=Pz0QdomhyG4>> Mar. 14, 2014. VarioGuide-Precise Instrument Alignment.*
Kheradpir, Leila et al., "Pointer Tool," Design U.S. Appl. No. 29/540,430, filed Sep. 24, 2015.
Kheradpir, Leila et al., "Pointer Tool," Design U.S. Appl. No. 29/504,558, filed Oct. 7, 2014.

* cited by examiner

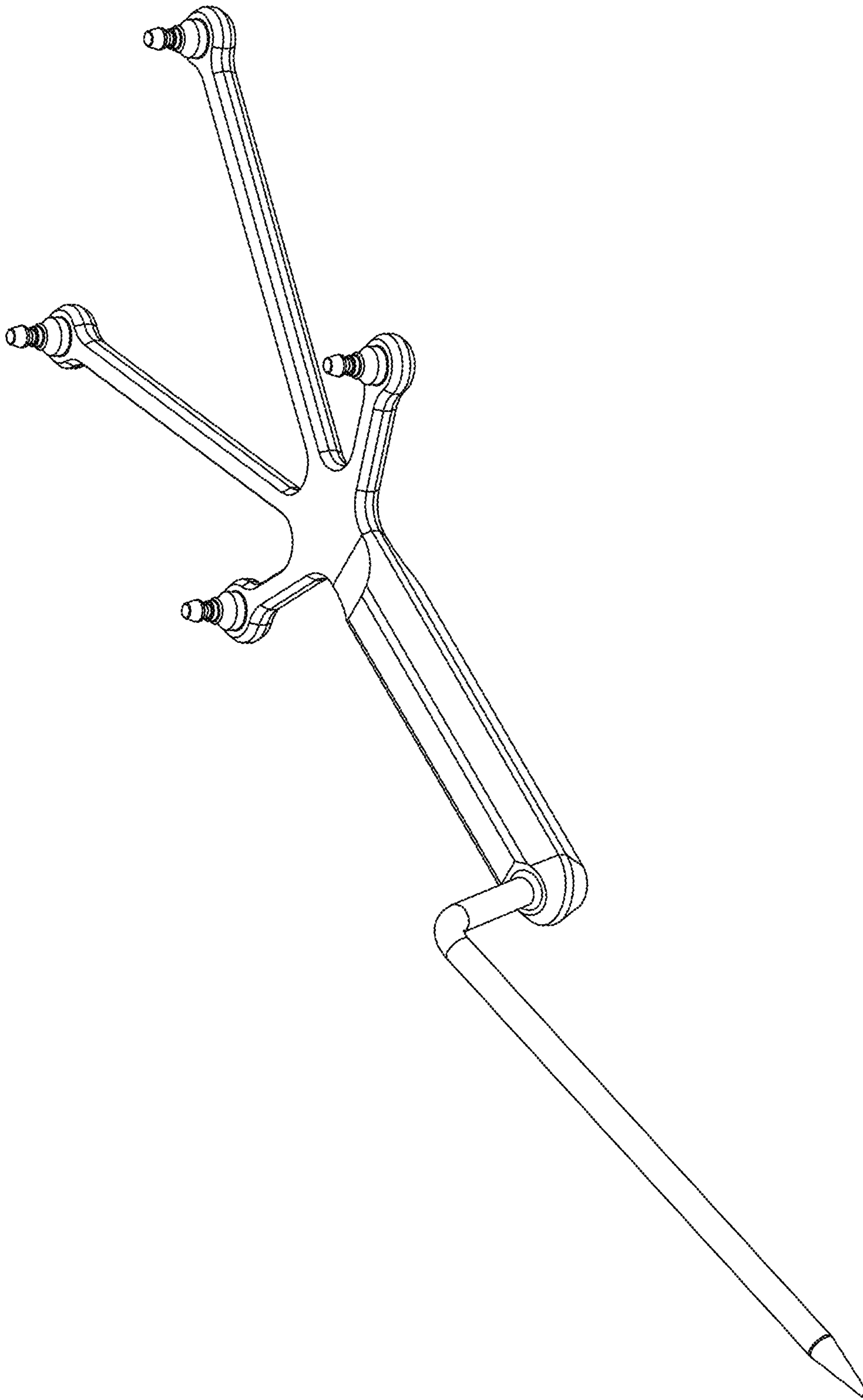


FIG. 1

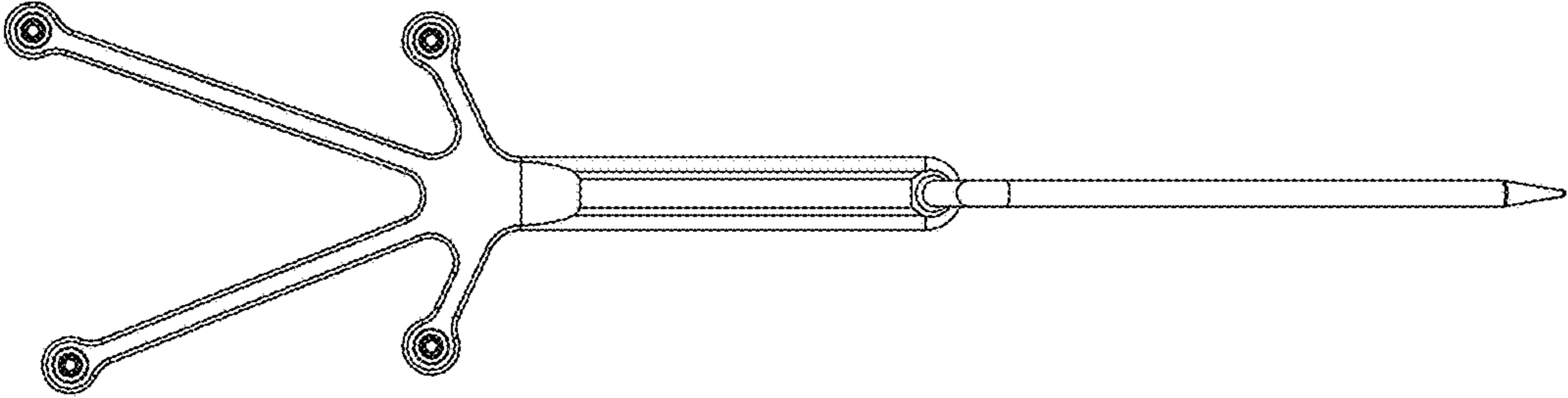


FIG. 2

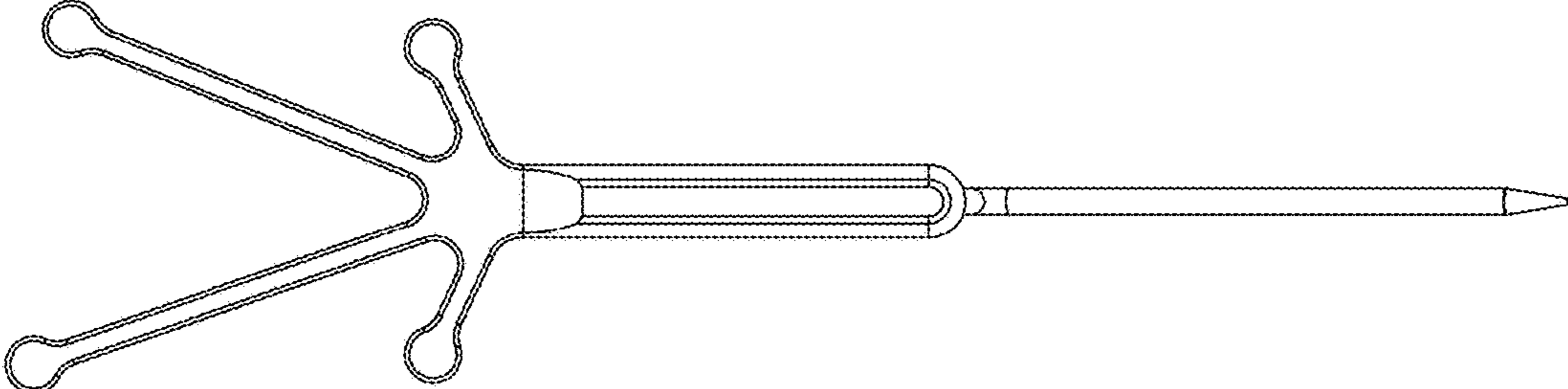


FIG. 3

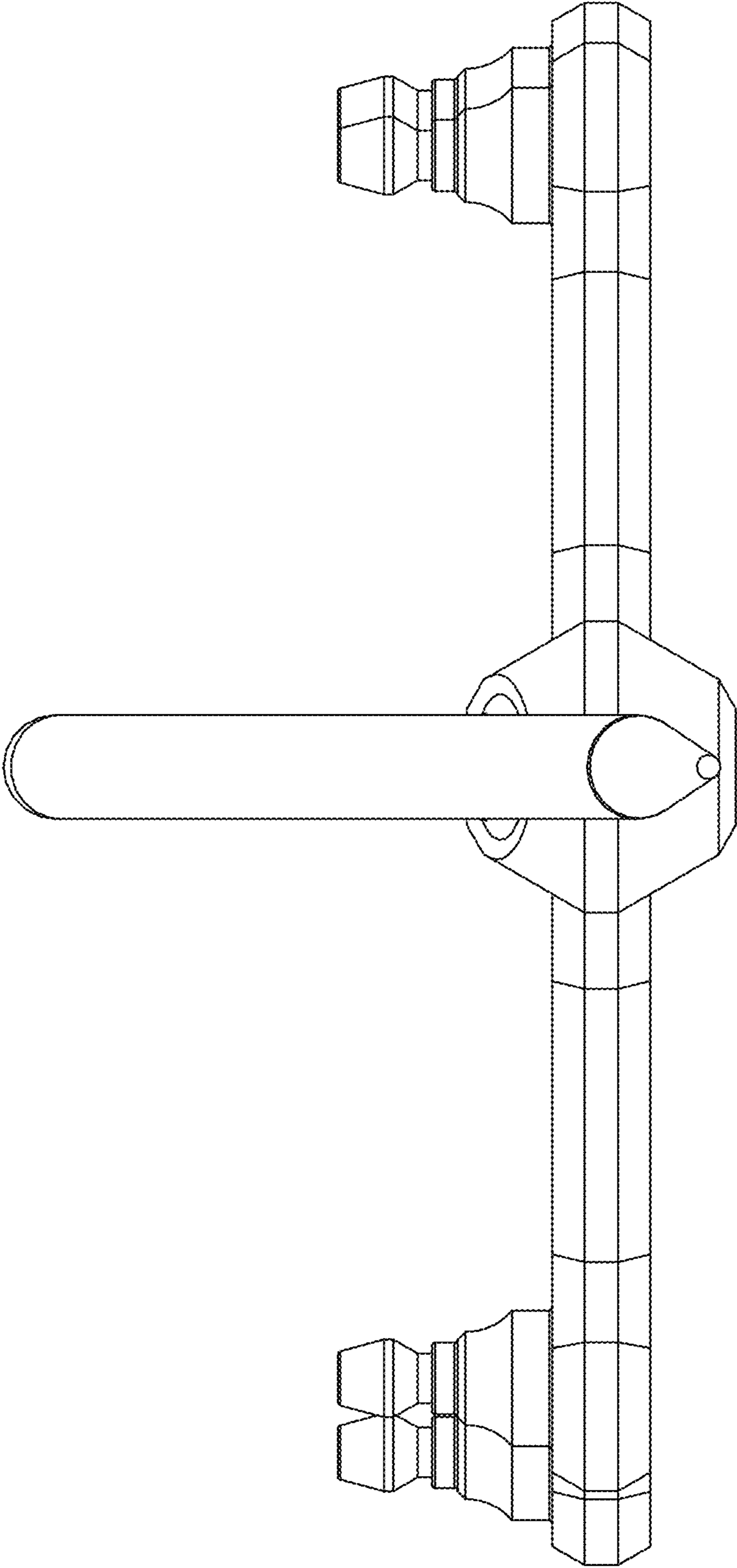


FIG. 4

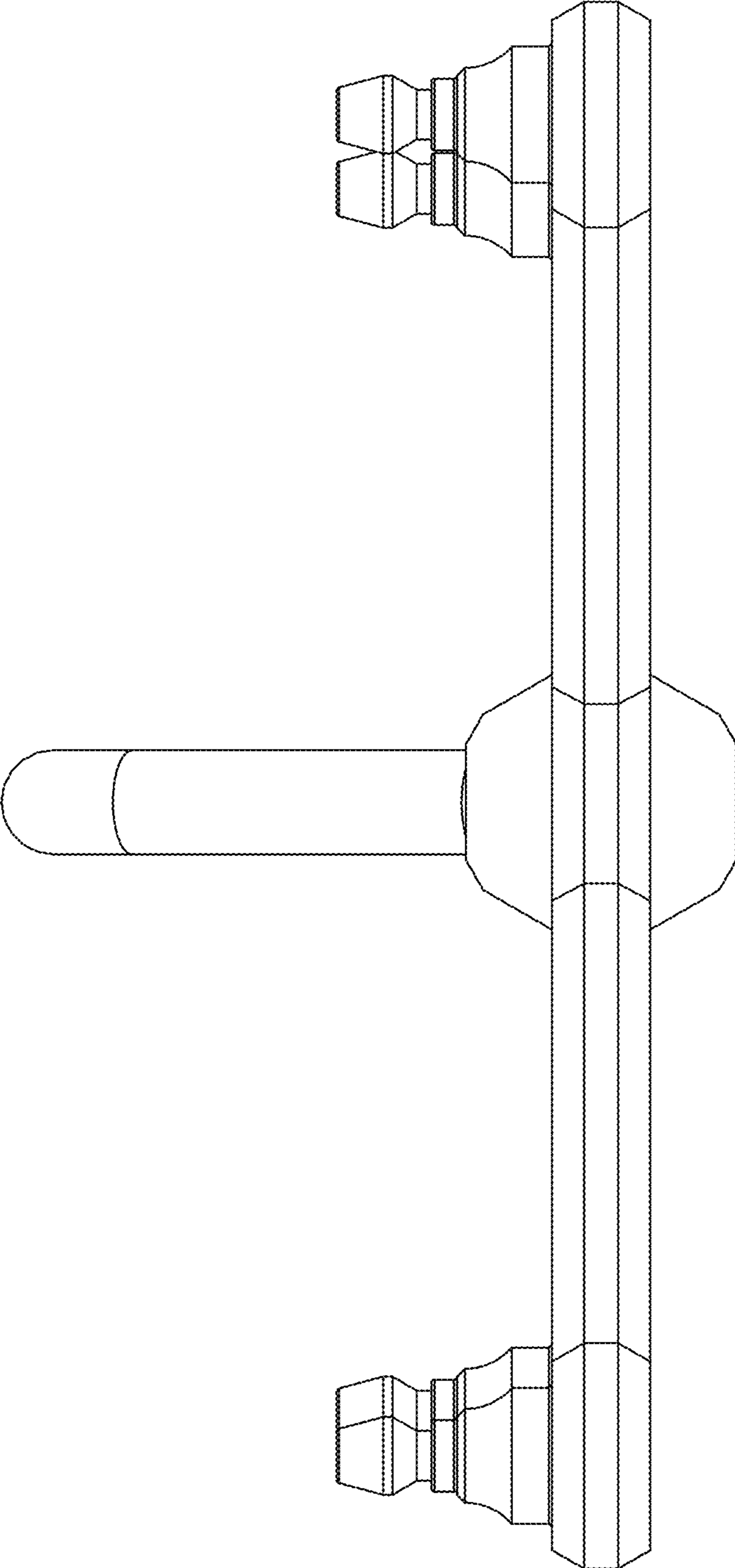


FIG. 5

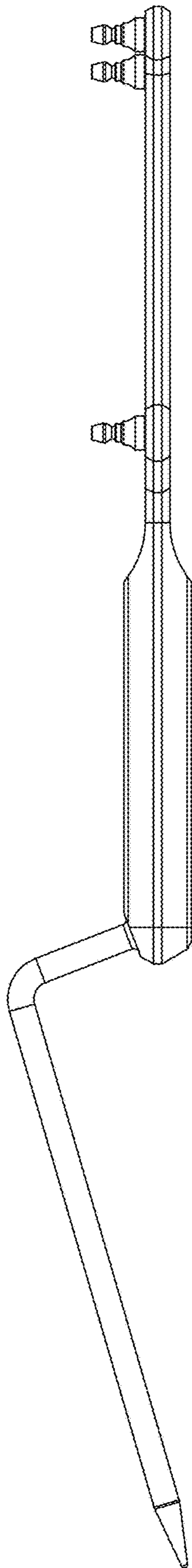


FIG. 6

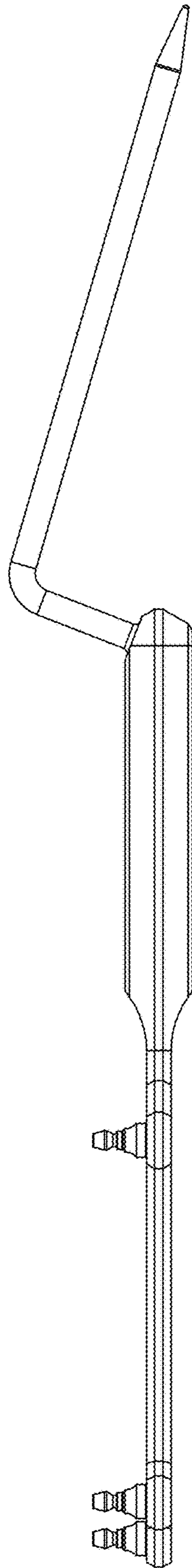


FIG. 7

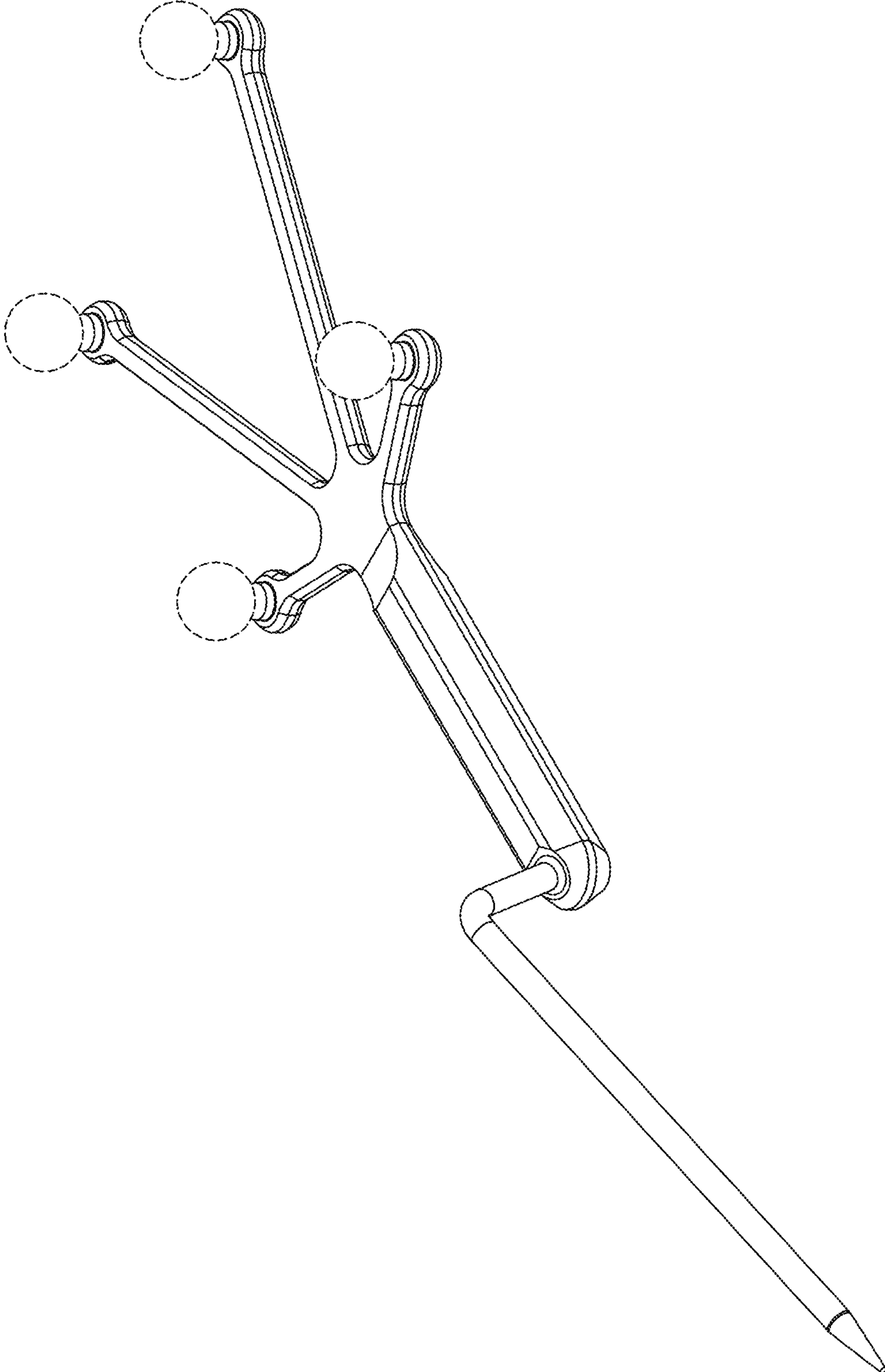


FIG. 8