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

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(54) **CATHETER**

- (71) Applicant: **TERUMO KABUSHIKI KAISHA**,
Tokyo (JP)
- (72) Inventors: **Marcelo Guimaraes**, Mount Pleasant,
SC (US); **Ryo Okamura**, Shizuoka
(JP); **Mitsuteru Yasunaga**, Shizuoka
(JP)
- (73) Assignee: **TERUMO KABUSHIKI KAISHA**,
Tokyo (JP)
- (**) Term: **15 Years**

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- (51) **LOC (13) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/140; D24/130**
- (58) **Field of Classification Search**
USPC D24/112-114, 127-131, 133, 140, 146,
D24/108, 186
CPC A61M 25/0108; A61M 2025/09166; A61M
2025/0095; A61M 25/0102
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 4,838,879 A 6/1989 Tanabe et al.
- 5,045,072 A * 9/1991 Castillo A61M 25/008
604/529
- 5,897,537 A * 4/1999 Berg F16L 11/081
604/525
- 6,036,682 A * 3/2000 Lange A61M 25/0108
604/529
- D611,601 S * 3/2010 Tamai D24/140

(Continued)

FOREIGN PATENT DOCUMENTS

- EM 008187660-0001 * 11/2020
- GB 9007799184-0001 * 4/2020

(Continued)

OTHER PUBLICATIONS

Dr. Vaibhav Jain MD,DNB,MNAMS, "Catheters and Wires," [Post date unknown], [Site seen Mar. 3, 2022], Seen at URL: https://www.nams-india.in/downloads/cmeevents/ircme/Cathetersandwires_DrVaibhav.pdf (Year: 2022).*

(Continued)

Primary Examiner — Natasha Vujcic
Assistant Examiner — Gilbert B Ford
(74) *Attorney, Agent, or Firm* — IPUSA, PLLC

(57) **CLAIM**

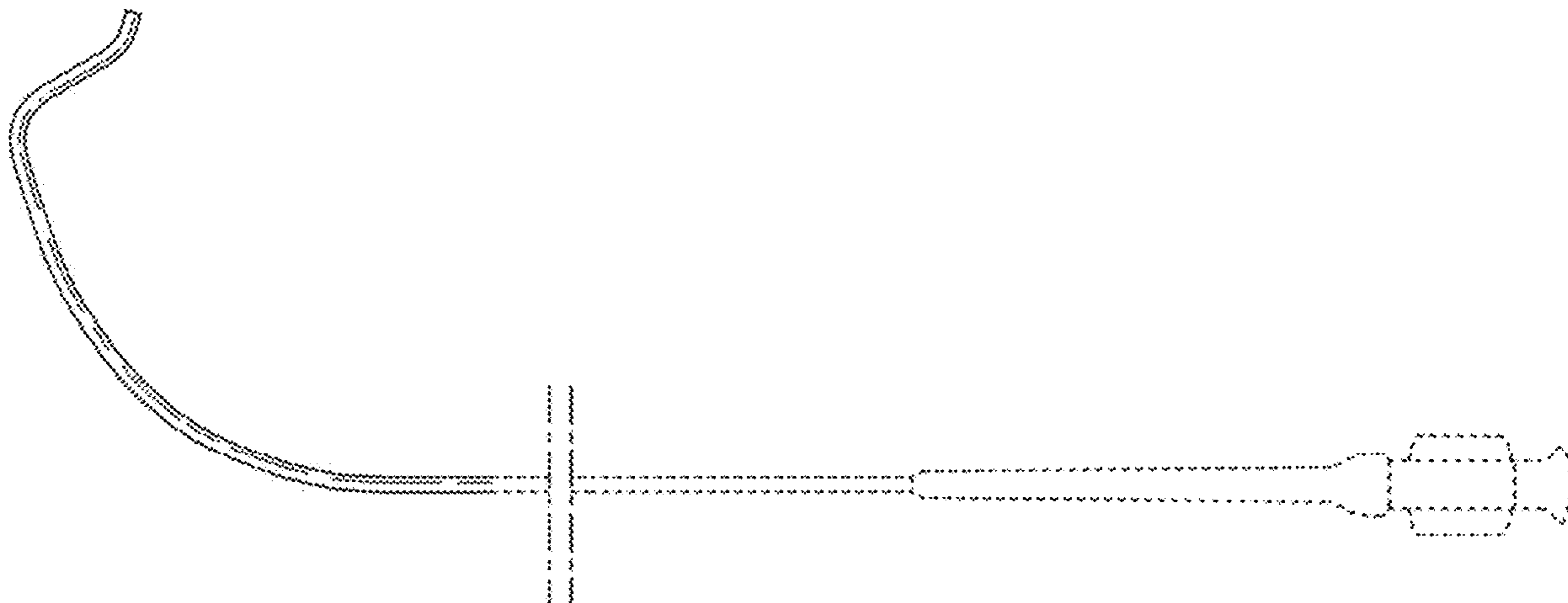
We claim, the ornamental design for a catheter, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a catheter, showing our new design; FIG. 2 is a rear view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is a left side view thereof; and, FIG. 6 is a right side view thereof; and, FIG. 7 is a reduced-scale front view showing the catheter in a wound condition.

The broken lines shown in the drawings represent portions of the catheter that form no part of the claimed design. The parallel dash-dot lines in the drawings indicate that the appearance of any portion of the catheter between the break lines forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D688,797	S *	8/2013	Nihonmatsu	.....	D24/130
D703,813	S *	4/2014	Bolia	.....	D24/140
D703,814	S *	4/2014	Bolia	.....	D24/140
D703,815	S *	4/2014	Bolia	.....	D24/140
D704,335	S *	5/2014	Bolia	.....	D24/140
D747,474	S *	1/2016	Koizumi	.....	D24/130
D755,373	S *	5/2016	Koizumi	.....	D24/130
D761,959	S *	7/2016	Wapler	.....	D24/140
D852,353	S *	6/2019	Paul	.....	D24/127
D858,751	S *	9/2019	Fischman	.....	D24/112
2004/0171996	A1 *	9/2004	Kiemeneij	.....	A61M 25/0041 604/264
2013/0281850	A1 *	10/2013	Okajima	.....	A61M 25/065 600/433
2019/0117938	A1 *	4/2019	Norman	.....	A61M 25/0052
2019/0159878	A1 *	5/2019	Wasty	.....	A61M 25/0905

FOREIGN PATENT DOCUMENTS

JP	S62-261371		11/1987
JP	D1510449	*	4/2013
JP	D1701218	*	11/2021

OTHER PUBLICATIONS

“What is your primary choice for RadialFirst and FemoralAccess diagnostic catheters?”, youngNIR, Twitter, [Post date: Oct. 8, 2019], [Site seen Mar. 3, 2022], Seen at URL: <https://twitter.com/youngnir/status/1181509668184772608> (Year: 2019).*

“Tools of the Trade” Radiology Key: Fastest Radiology Insight Engine, [Post date unknown], [Site seen Mar. 3, 2022], Seen at URL: <https://radiologykey.com/tools-of-the-trade/> (Year: 2022).*

Office Action dated Feb. 2, 2021 (Japanese Design Application No. 2020-009539).

U.S. Appl. No. 29/752,223, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,218, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,208, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,201, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,220, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,209, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

U.S. Appl. No. 29/752,215, filed Sep. 25, 2020, Terumo Kabushiki Kaisha.

Office Action dated Dec. 1, 2020 (Japanese Design Application No. 2020-006818).

Office Action dated Dec. 1, 2020 (Japanese Design Application No. 2020-006820).

Office Action dated Dec. 1, 2020 (Japanese Design Application No. 2020-009538).

Office Action dated Dec. 1, 2020 (Japanese Design Application No. 2020-009539).

Office Action dated Dec. 1, 2020 (Japanese Design Application No. 2020-009540).

Francesco Burzotta “Diagnostic and Guide Catheter Choices and Manipulation from the Radial Artery for Native and Graft Vessels”, Design of catheter tip listed as “BARBEAU” in f-201111 <URL:<https://www.slideshare.net/theradialist/burzotta>> Jan. 6, 2012 (With Partial Translation).

Francesco Burzotta “Diagnostic and Guide Catheter Choices and Manipulation from the Radial Artery for Native and Graft Vessels”, Design of catheter tip listed as “JACKY” in f-201111 <URL:<https://www.slideshare.net/theradialist/burzotta>> Jan. 6, 2012 (With Partial Translation).

Guido Sandulli “Merit Medical—Merit Medical’s Concierge Guiding Catheter Now Available in Radial-Specific Shapes”, Design of the loest catheter tip as described in <URL:<https://www.merit.com/artcles/merit-medicals-concierge-guiding-catheter-now-availablein-radial-specific-forms/>> Mar. 24, 2015 (With Partial Translation).

Guido Sandulli “Merit Medical—Merit Medical’s Concierge Guiding Catheter Now Available in Radial-Specific Shapes”, Design of the second lowest catheter tip as described in <URL:<https://www.merit.com/artcles/merit-medicals-concierge-guiding-catheter-now-availablein-radial-specific-forms/>> Mar. 24, 2015 (With Partial Translation).

* cited by examiner

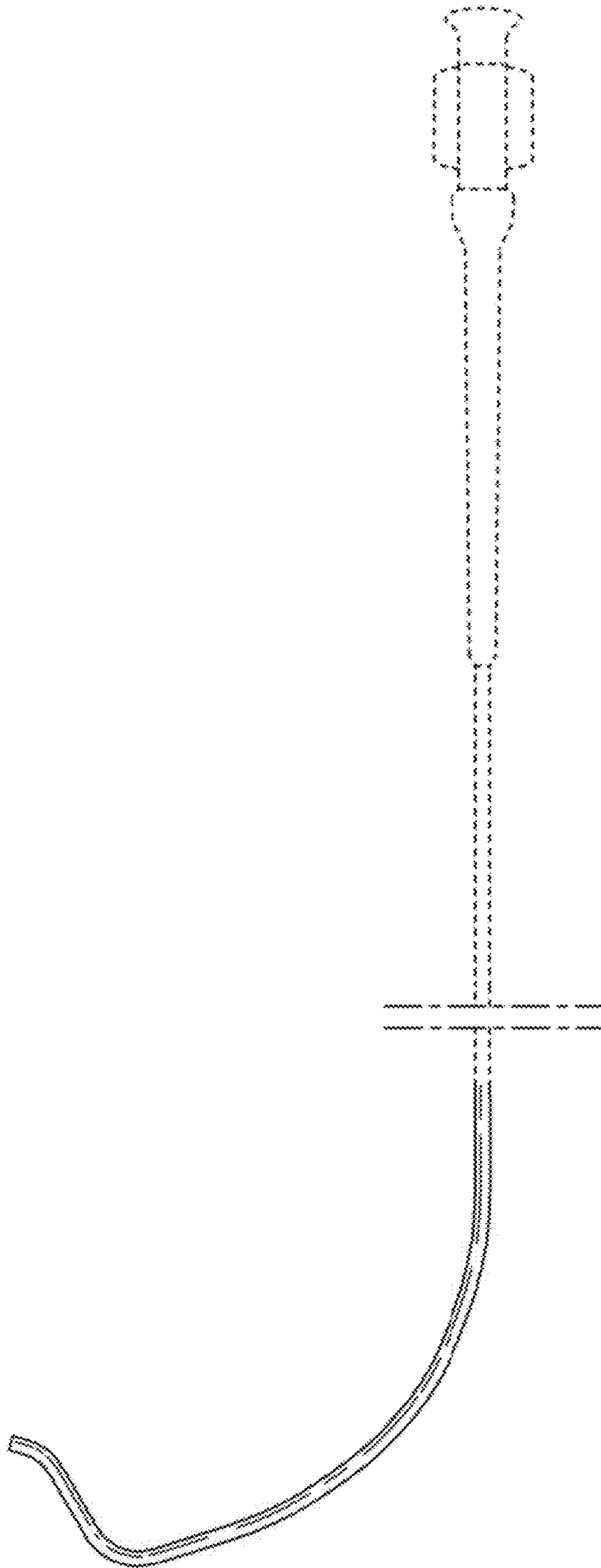


Fig. 1

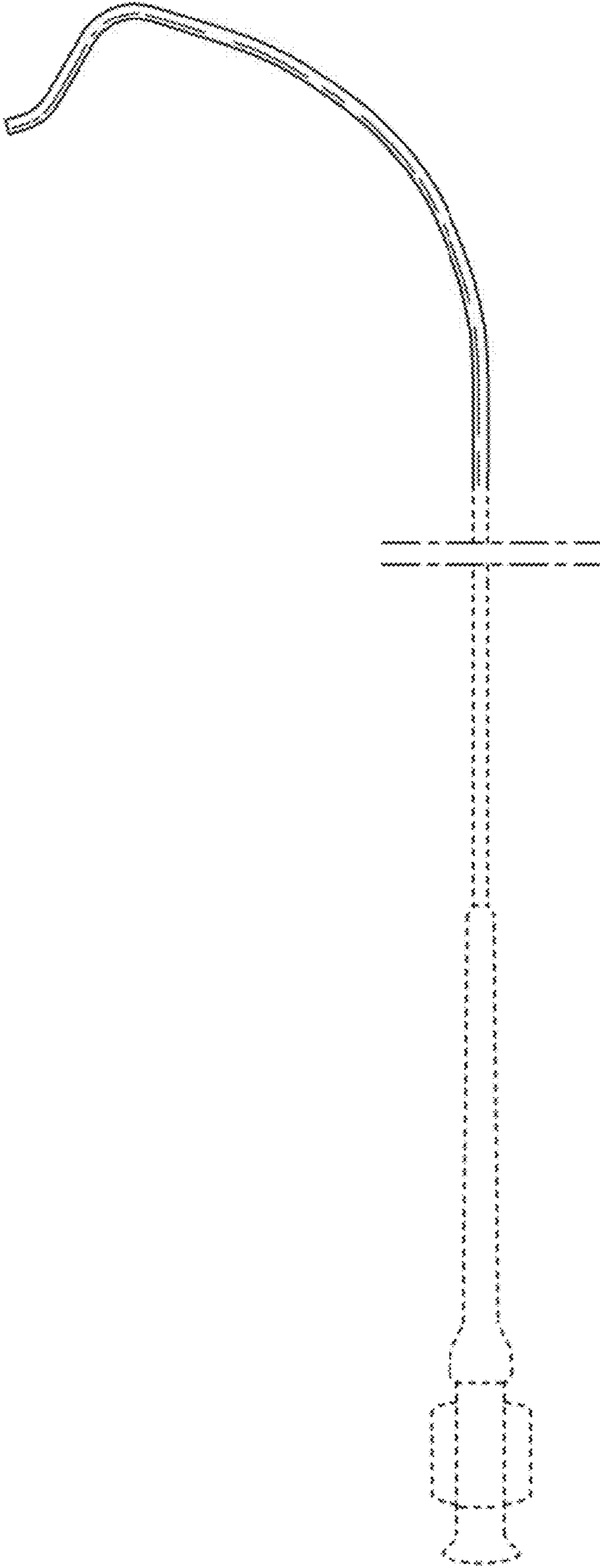


Fig. 2

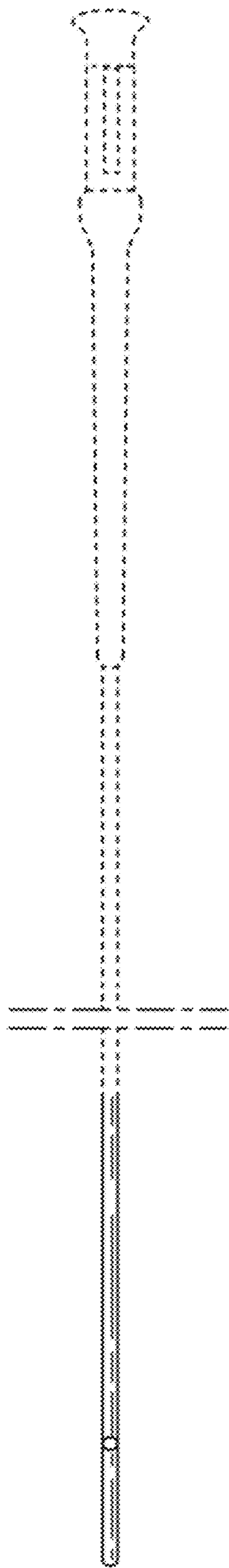


Fig. 3

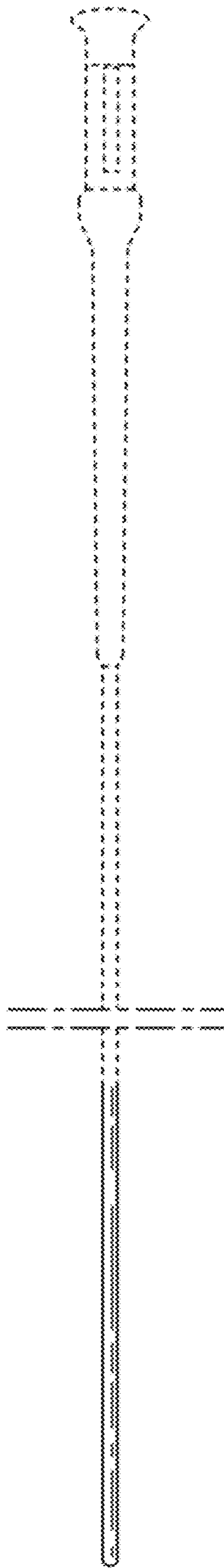


Fig. 4

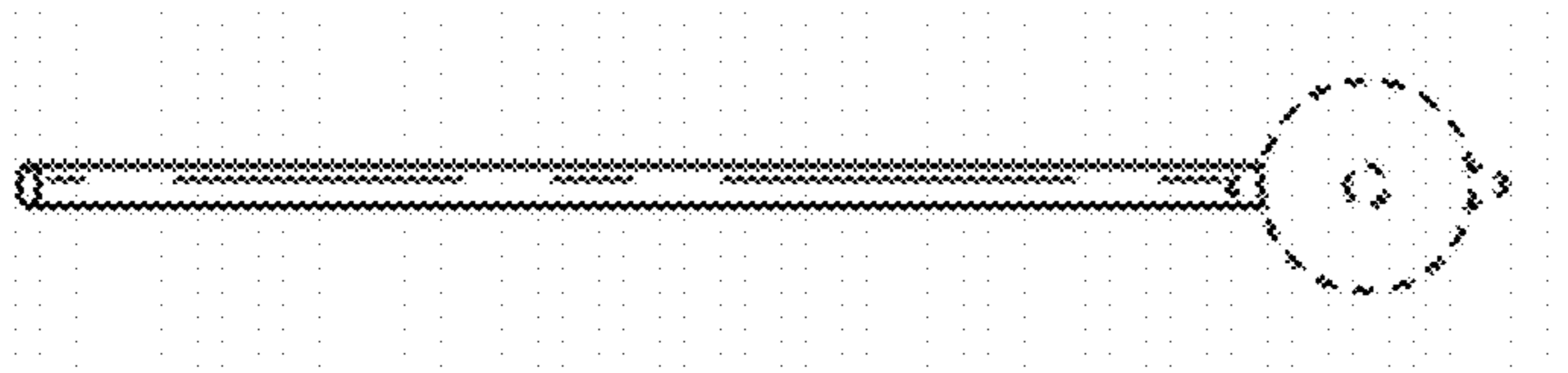


Fig. 6

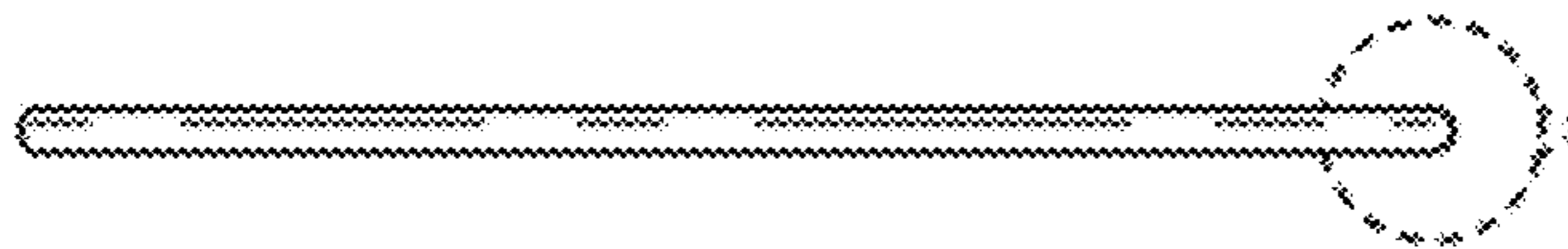


Fig. 5

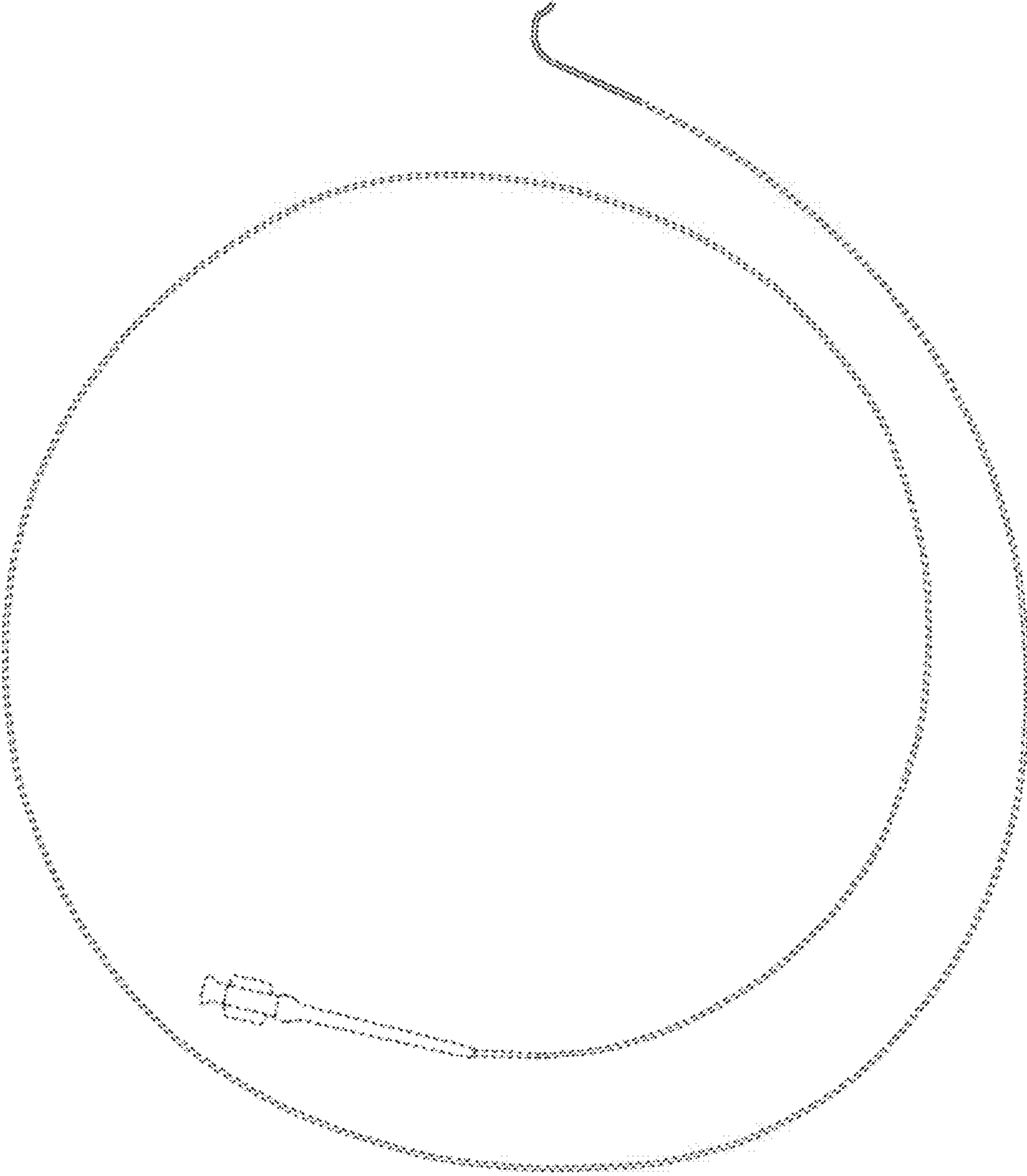


Fig. 7