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(12) **United States Design Patent**  
**Xu**

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(54) **SOLAR WIRE LIGHT**

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

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(51) **LOC (13) Cl.** ..... **26-04**

(52) **U.S. Cl.**  
USPC ..... **D26/25; D26/1**

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D26/67  
CPC ..... F21S 2/00; F21S 4/00; F21S 4/10; F21S  
4/15; F21S 4/20; F21S 4/22; F21S 4/24;  
F21S 4/26; F21S 4/28; F21K 9/00; F21V  
19/001

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D554,792 S	11/2007	Sanoner	
D707,380 S	6/2014	Sooferian	
D756,015 S	5/2016	Sooferian	
D841,876 S	2/2019	Huang	D26/138
10,288,236 B1	5/2019	Chen	F21V 19/0025
D863,595 S	10/2019	Liao	D26/80
D863,606 S	10/2019	Ou	D26/1
D873,445 S	1/2020	Chen	D26/25
D874,692 S	2/2020	Dai	F21V 19/0025 D26/25
D888,293 S	6/2020	Xie	D26/1
10,697,598 B1	6/2020	Chen	F21V 23/001
D900,356 S	10/2020	Zhu	D26/1
D910,890 S	2/2021	Yang	F21L 14/026 D26/25

D914,927 S	*	3/2021	Liu	D26/25
D925,077 S	*	7/2021	Yang	D26/25
D932,669 S	*	10/2021	Zhao	D26/25

(Continued)

**OTHER PUBLICATIONS**

AMIR Upgraded Solar String Lights, Feb. 1, 2015, Amazon.com, site visited Feb. 10, 2022, url: <https://www.amazon.com/dp/B00T1P632E?th=1> (Year: 2015).\*

(Continued)

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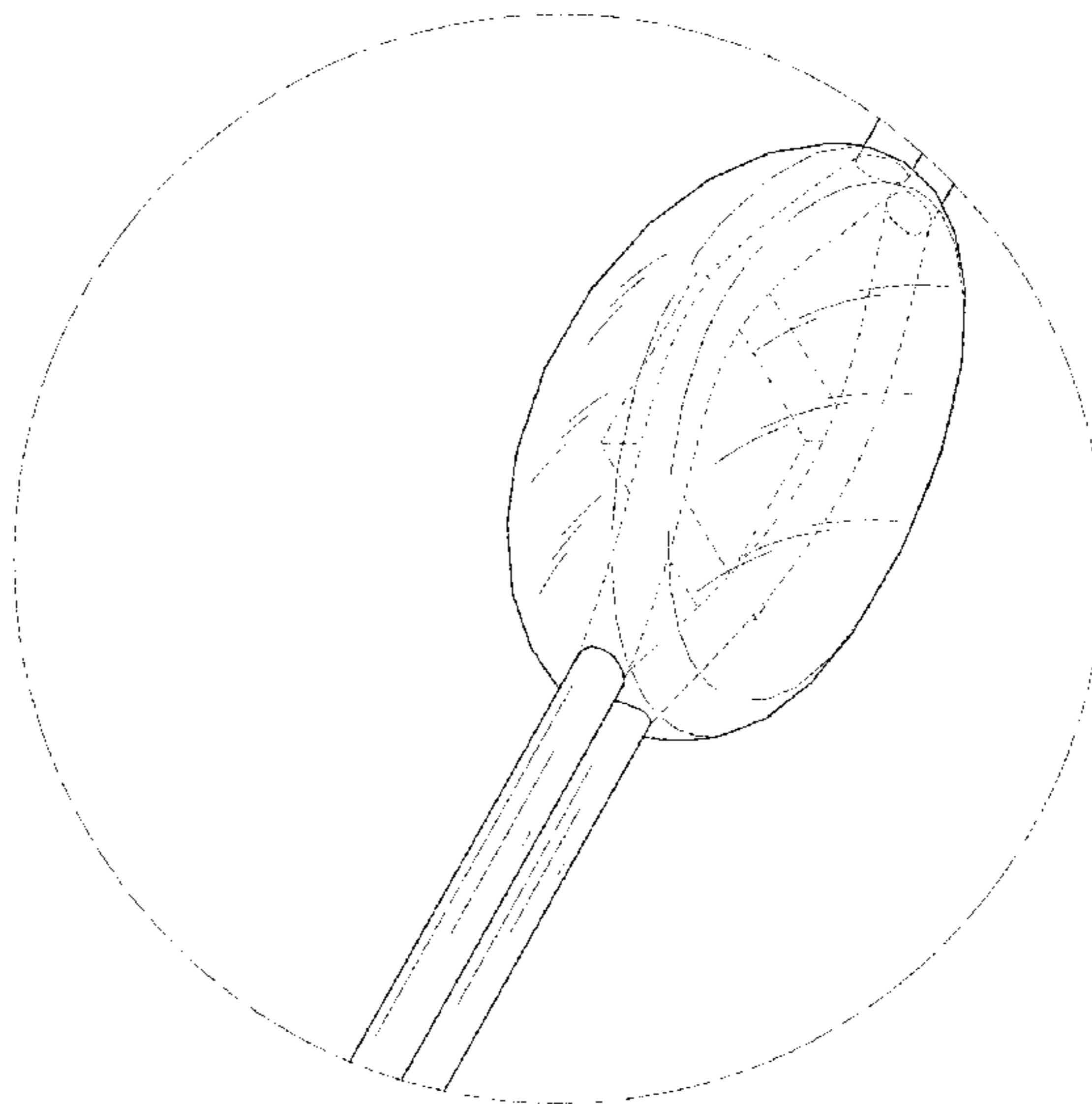
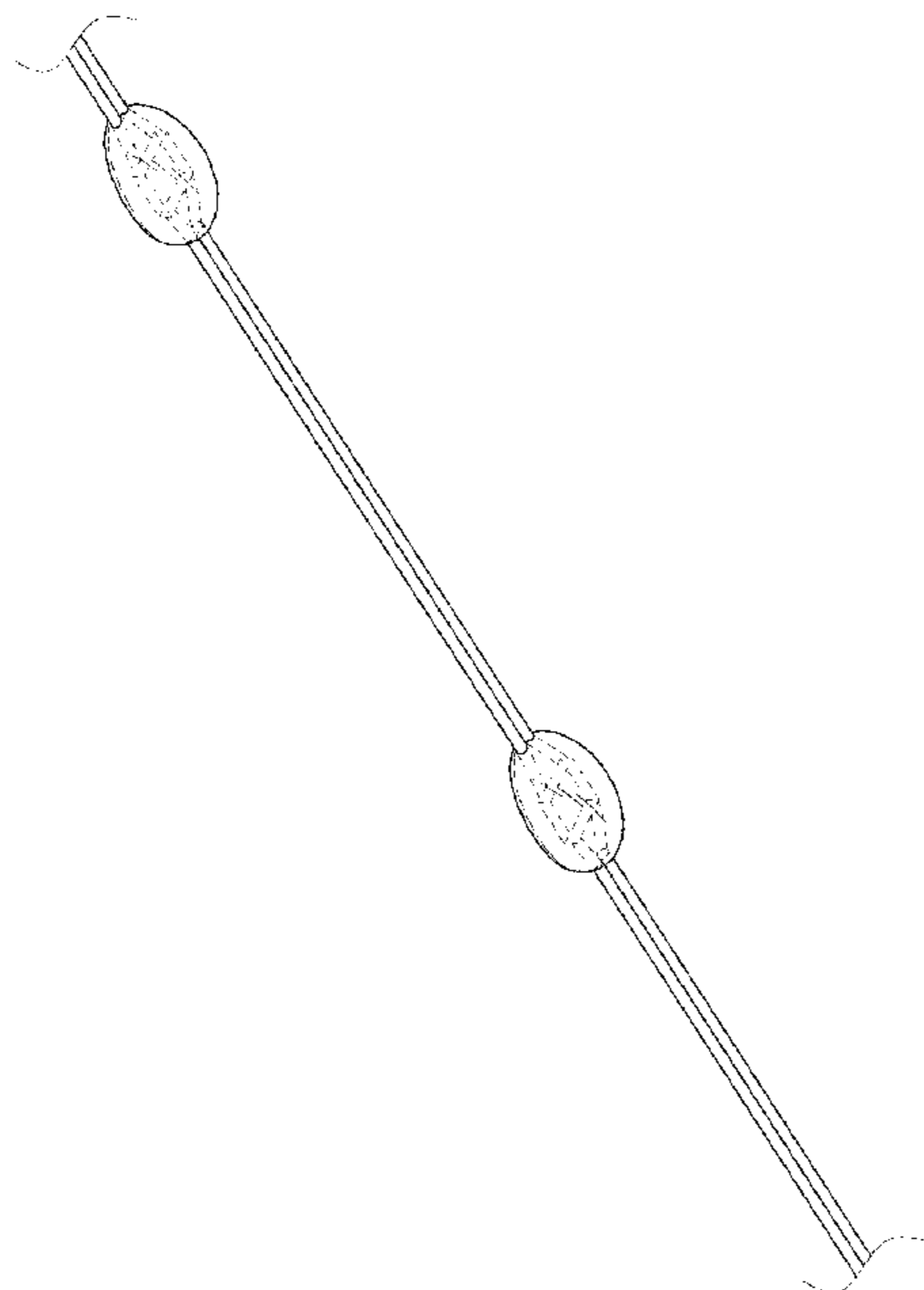
(57) **CLAIM**

The ornamental design for a solar wire light, as shown and described.

**DESCRIPTION**

FIG. 1 is a first perspective view of a solar wire light showing my new design;  
FIG. 2 is a second perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof;  
FIG. 8 is a bottom view thereof; and,  
FIG. 9 is an enlarged view of the selected portion in FIG. 1. The broken lines shown in the drawings depict portions of the solar wire light in which the design is embodied that form no part of the claimed design. The broken lines of alternating length are for the purpose of illustrating the boundaries of the enlarged fragments shown in FIG. 9 and form no part of the claimed design. Symbolic breaks are shown at each end of the solar wire light and the appearance of any portion of the string light beyond the symbolic break lines forms no part of the claimed design.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

D940,359 S \* 1/2022 Yang ..... H01L 33/483  
D26/25  
2005/0105291 A1 \* 5/2005 Wu ..... H01L 33/483  
362/373  
2010/0157598 A1 \* 6/2010 Tsai ..... F21V 21/002  
362/382  
2013/0176735 A1 \* 7/2013 Kobayashi ..... F21S 4/10  
362/249.02  
2015/0369464 A1 \* 12/2015 Chang ..... F21S 4/10  
362/219  
2016/0238218 A1 \* 8/2016 Wang ..... F21L 14/026  
2017/0023223 A1 \* 1/2017 Tsai ..... F21V 19/005  
2018/0187840 A1 \* 7/2018 Chen ..... F21S 4/10  
2019/0277458 A1 \* 9/2019 Shao ..... F21V 19/0025  
2019/0376669 A1 \* 12/2019 Shao ..... F21S 4/26  
2021/0071828 A1 \* 3/2021 Shan ..... F21S 4/10  
2021/0071829 A1 \* 3/2021 Shan ..... B29C 45/14639  
2021/0404612 A1 \* 12/2021 Chen ..... F21V 23/001

## OTHER PUBLICATIONS

Multicolor Multifunction LED Fairy Lights, Oct. 23, 2015, YouTube, site visited Feb. 10, 2022, url: [https://www.youtube.com/watch?v=JuMPzKrm\\_bg](https://www.youtube.com/watch?v=JuMPzKrm_bg) (Year: 2015).\*

N Newkoin Fairy Lights 33ft 100LEDS Outdoor String Lights, Sep. 8, 2020, Amazon.com, site visited Feb. 10, 2022, url: <https://www.amazon.com/dp/B08HMZLNLL> (Year: 2020).\*

Homestarry LED String Lights, Feb. 2, 2016, Amazon Canada, site visited Jan. 25, 2022, url: <https://www.amazon.ca/dp/B00ZBKCVBK> (Year: 2020).\*

HuTools Indoor String Lights, May 23, 2020, Amazon.ca, site visited Feb. 10, 2022, url: <https://www.amazon.ca/dp/B085HH6C3C> (Year: 2020).\*

\* cited by examiner

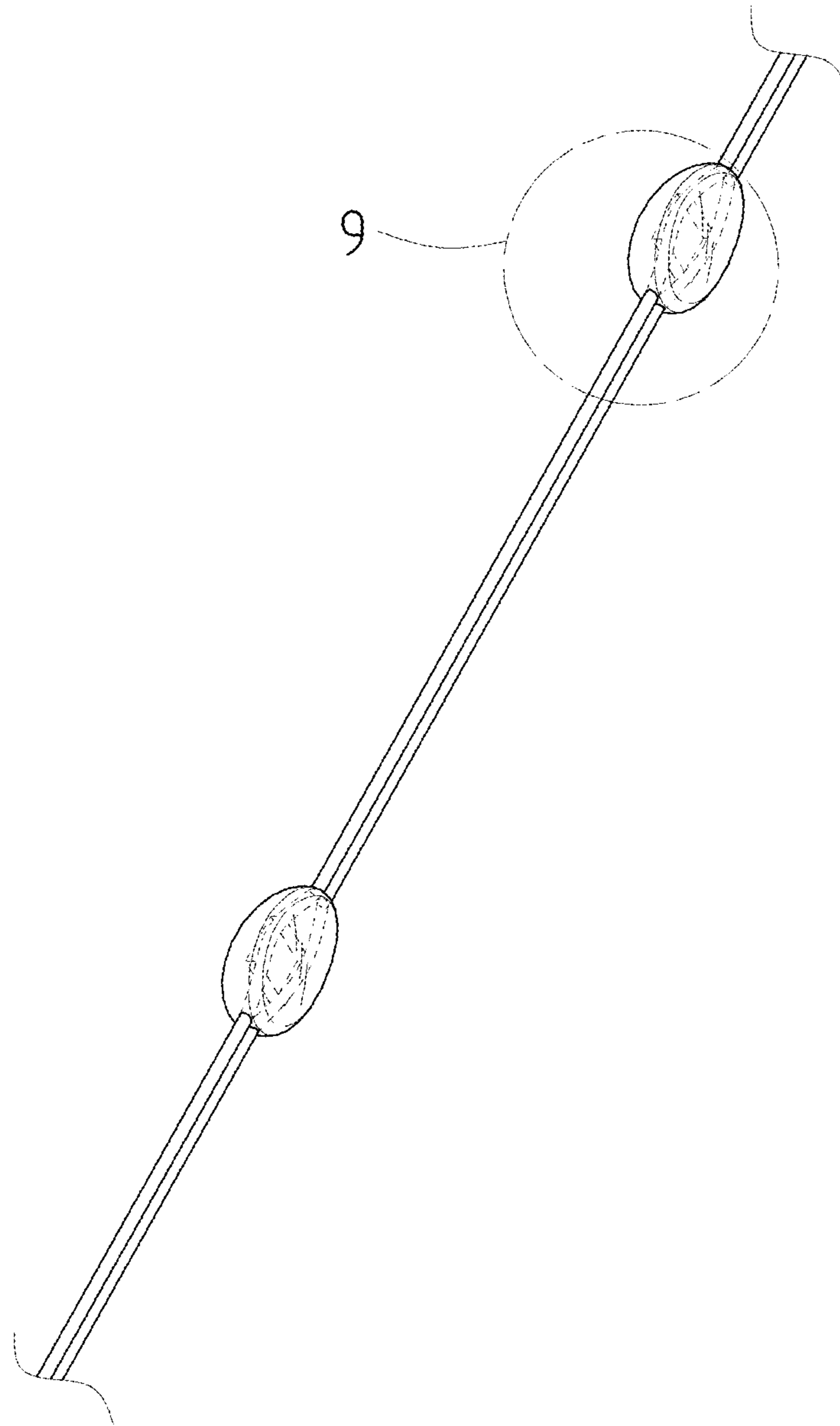


FIG. 1

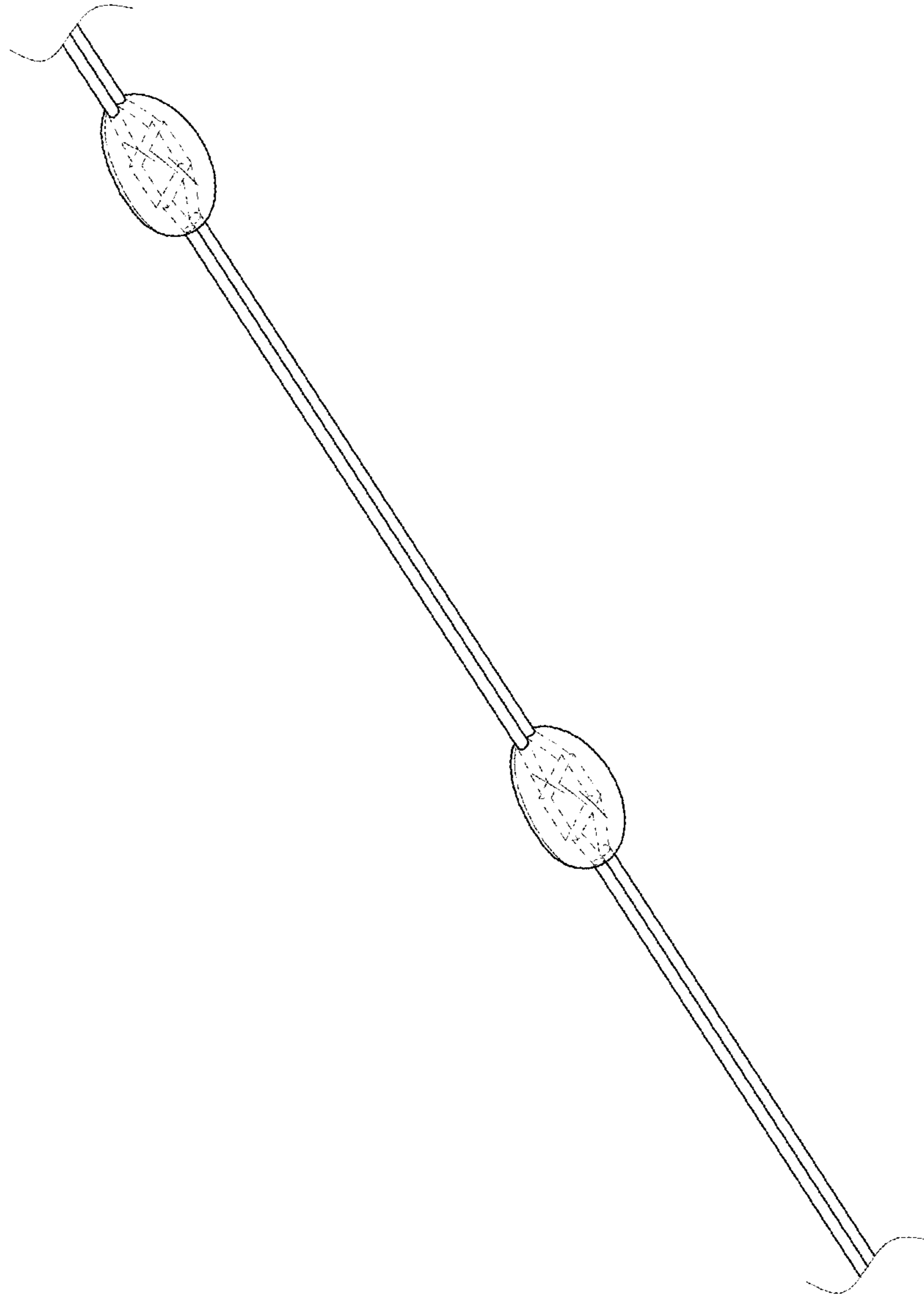


FIG. 2

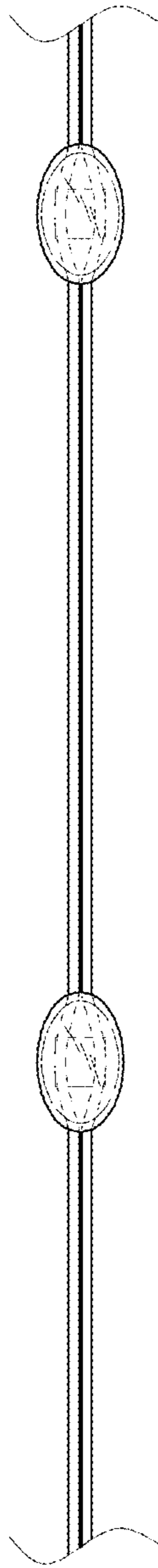


FIG. 3

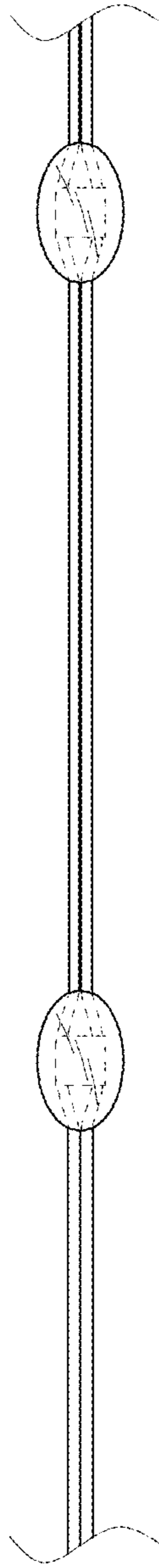


FIG. 4

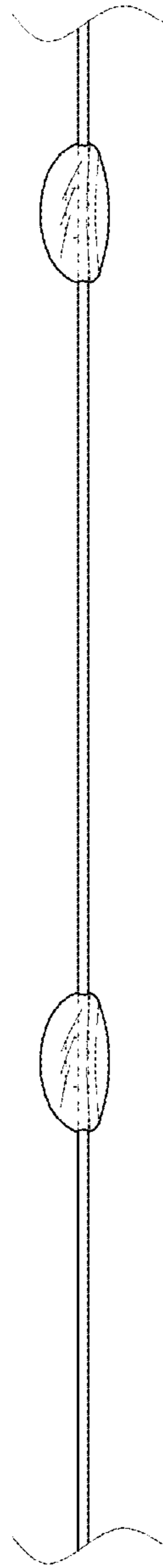


FIG. 5

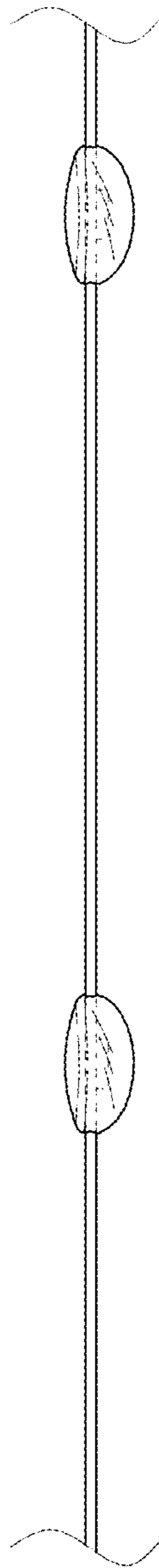


FIG. 6





FIG. 7



FIG. 8

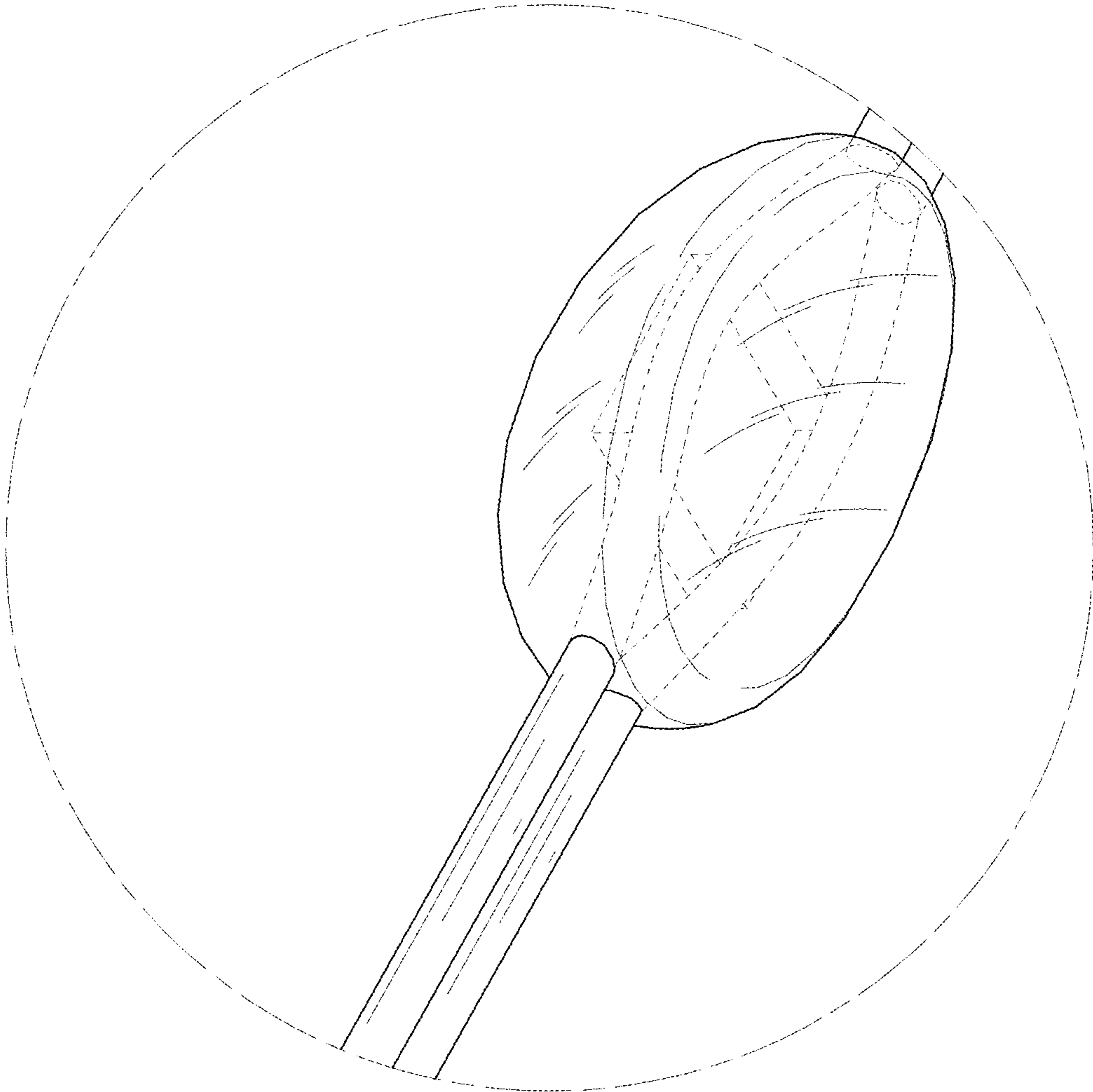


FIG. 9