



US00D821598S

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

(10) **Patent No.:** **US D821,598 S**

(45) **Date of Patent:** **\*\* Jun. 26, 2018**

(54) **ELEVATED HUB FOR A BACK ROLLER**

(71) Applicant: **Max Greenhouse**, Riverside, CA (US)

(72) Inventor: **Max Greenhouse**, Riverside, CA (US)

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

(21) Appl. No.: **29/589,511**

(22) Filed: **Jan. 2, 2017**

(51) **LOC (11) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D24/212; D24/211**

(58) **Field of Classification Search**  
USPC ..... 601/19, 27-32, 46, 48, 52, 99, 112, 113,  
601/118, 119, 120, 121, DIG. 12,  
601/DIG. 14, DIG. 15, DIG. 16, DIG. 17;  
D14/218, 484; D24/200, 211, 212, 213,  
D24/214, 215; D30/160; D8/354, 358,  
D8/359, 360.1; D21/201, 204; D22/137;  
D3/24; D15/16, 67, 78; 242/118, 159,  
242/169; D12/207; D34/24  
CPC ..... A61H 15/00; A61H 1/0292; A61H  
2015/0014; A61H 2201/1284; A63B  
21/4049; A63B 23/0233  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D79,201 S *	8/1929	Mills	.....	D8/358
1,731,219 A *	10/1929	Atwood	.....	B65H 75/14 242/118.8
3,266,749 A *	8/1966	Tripini	.....	B65H 75/14 D8/358
3,758,045 A *	9/1973	Allen	.....	B65H 75/14 242/159
D253,373 S	11/1979	Celeste		
D290,340 S *	6/1987	McCaffrey	.....	D8/358
D317,113 S *	5/1991	Fowler	.....	D8/358
5,143,056 A	9/1992	Yih-Jong		
D330,506 S *	10/1992	Clivio	.....	D8/358

D334,882 S *	4/1993	Bunch	.....	D8/358
D338,184 S *	8/1993	Ringle'	.....	D12/207
D340,888 S *	11/1993	Ringle	.....	D12/207
5,263,908 A	11/1993	Chen		
D357,952 S	5/1995	Chen		
D390,093 S *	2/1998	Spear	.....	D8/358
D399,857 S *	10/1998	Kanemichi	.....	D15/78
D424,774 S *	5/2000	Zarley	.....	D8/359
D427,389 S *	6/2000	Baiera	.....	D30/160
D432,396 S *	10/2000	Barthel	.....	D8/358

(Continued)

*Primary Examiner* — Cynthia Ramirez

*Assistant Examiner* — Michael A Maharajh

(74) *Attorney, Agent, or Firm* — Kirk A Buhler; Buhler & Associates

(57) **CLAIM**

The ornamental design for an elevated hub for a back roller, as shown and described.

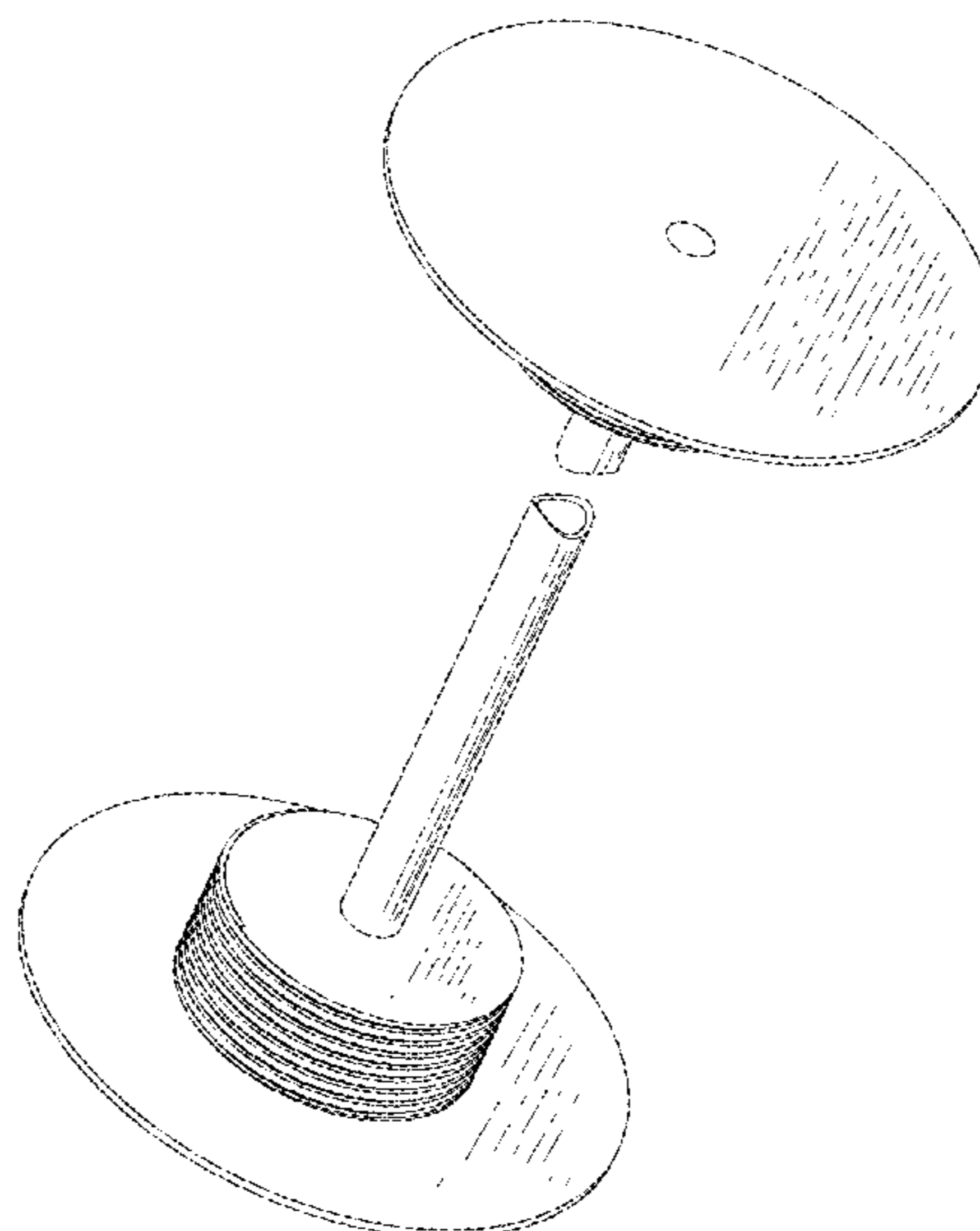
**DESCRIPTION**

FIG. 1 is a top perspective view for an elevated hub for a back roller showing my new design; FIG. 2 is a front view thereof; FIG. 3 is a back view thereof; FIG. 4 is a top view thereof; FIG. 5 is a bottom view thereof; FIG. 6 is a right side view, the left side view being a mirror image thereof; FIG. 7 is a top perspective exploded view thereof; and, FIG. 8 is a top perspective view shown in an environment of use.

The elevated hub for a back roller is shown with a symbolic break in its length. The appearance of any portion of the article between the break lines forms no part of the claimed design.

The broken lines showing a back roller in FIG. 8 are for the purpose of illustrating environmental structure which form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

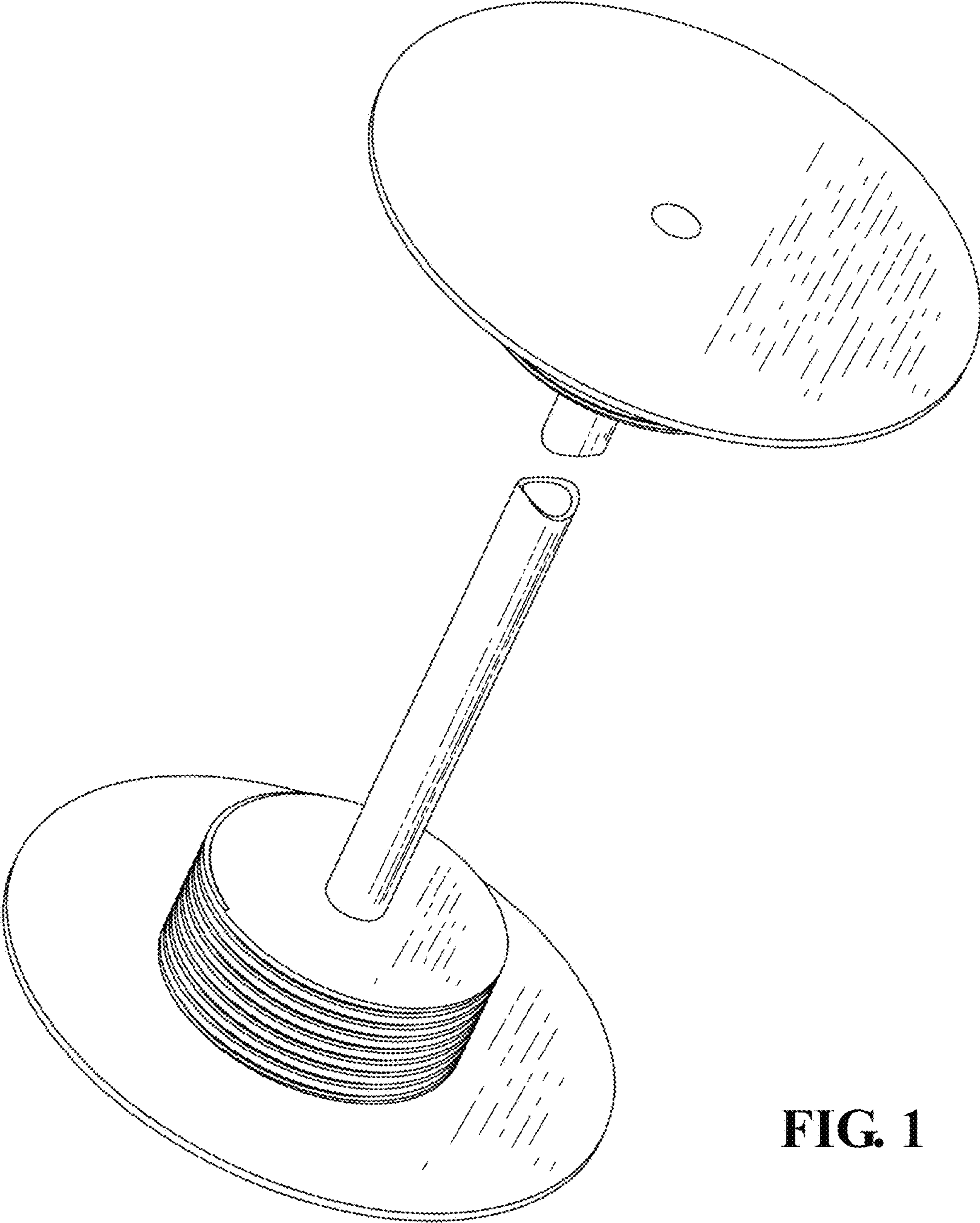
References Cited

U.S. PATENT DOCUMENTS

D436,021 S \* 1/2001 Arnold ..... D8/358  
 D436,520 S \* 1/2001 Bulman ..... D8/358  
 D441,772 S \* 5/2001 Polzer ..... D15/138  
 D478,498 S \* 8/2003 Ito ..... D8/358  
 D503,609 S \* 4/2005 Robbins, III ..... D3/24  
 D504,307 S \* 4/2005 Dayan ..... D8/358  
 D504,748 S \* 5/2005 Jager ..... D24/211  
 D504,806 S \* 5/2005 Basaran ..... D8/358  
 D518,361 S \* 4/2006 Jassenoff ..... D8/358  
 D525,397 S \* 7/2006 Wang ..... A01K 15/025  
 7,112,178 B1 \* 9/2006 Roozenburg ..... A61H 1/0266  
 601/121  
 7,223,251 B1 \* 5/2007 Cassidy  
 Phillips ..... A61H 15/0092  
 601/118  
 D545,561 S \* 7/2007 Vandecasteele ..... D3/24  
 D554,480 S \* 11/2007 Richwine ..... D8/359  
 D557,118 S \* 12/2007 Linginfelter ..... D8/358  
 D582,755 S \* 12/2008 Rogers ..... D8/358  
 D586,471 S \* 2/2009 Wulf ..... D24/211  
 D604,021 S \* 11/2009 Blaszcak ..... D34/14

D625,172 S \* 10/2010 Pauwels ..... D8/358  
 D636,253 S \* 4/2011 Hatcher ..... D8/356  
 D652,193 S \* 1/2012 Blaszcak ..... D34/24  
 D654,649 S \* 2/2012 Blaszcak ..... D34/24  
 D664,026 S \* 7/2012 Zalalah ..... D8/359  
 D668,400 S \* 10/2012 Watts ..... D30/160  
 D685,538 S \* 7/2013 Watts ..... D30/160  
 D714,952 S 10/2014 Gonglach et al.  
 D755,040 S \* 5/2016 Ito ..... D8/358  
 D765,262 S \* 8/2016 Greenhouse ..... A63B 21/4049  
 D24/211  
 D786,050 S \* 5/2017 Ito ..... D8/358  
 D796,143 S \* 8/2017 Thuma ..... D34/14  
 2002/0193714 A1 12/2002 Pecora  
 2003/0100417 A1 5/2003 Westwood  
 2004/0138593 A1 \* 7/2004 Maher ..... A61H 1/003  
 601/1  
 2005/0085749 A1 4/2005 Baerwalde  
 2005/0215928 A1 9/2005 Banks et al.  
 2006/0235343 A1 \* 10/2006 Fitzmaurice ..... A61H 15/0092  
 601/118  
 2011/0300995 A1 12/2011 Castiglione  
 2016/0113837 A1 \* 4/2016 Burson ..... A61H 15/0092  
 601/118  
 2018/0056120 A1 \* 3/2018 Brown ..... A63B 22/203

\* cited by examiner



**FIG. 1**



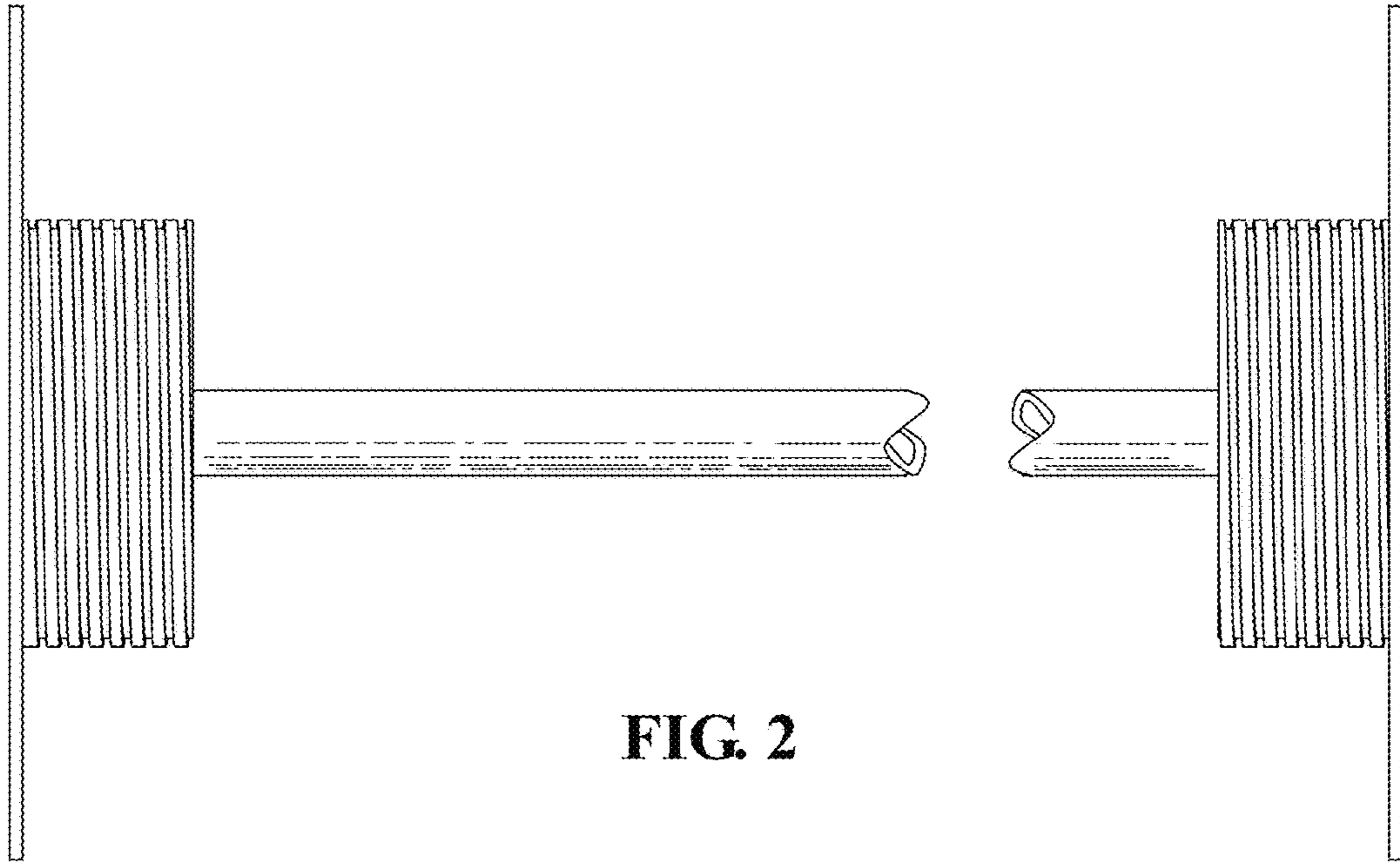


FIG. 2

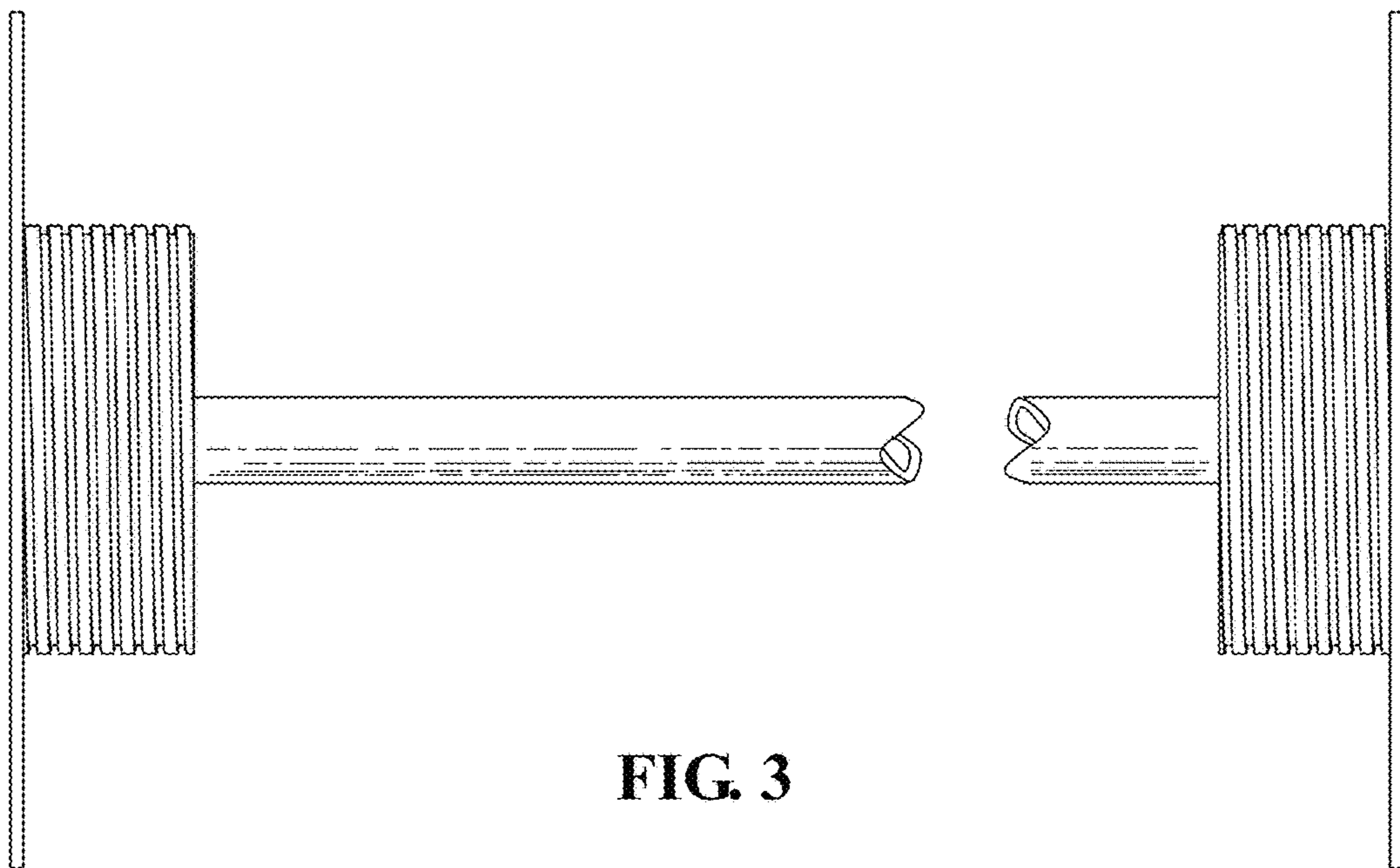


FIG. 3

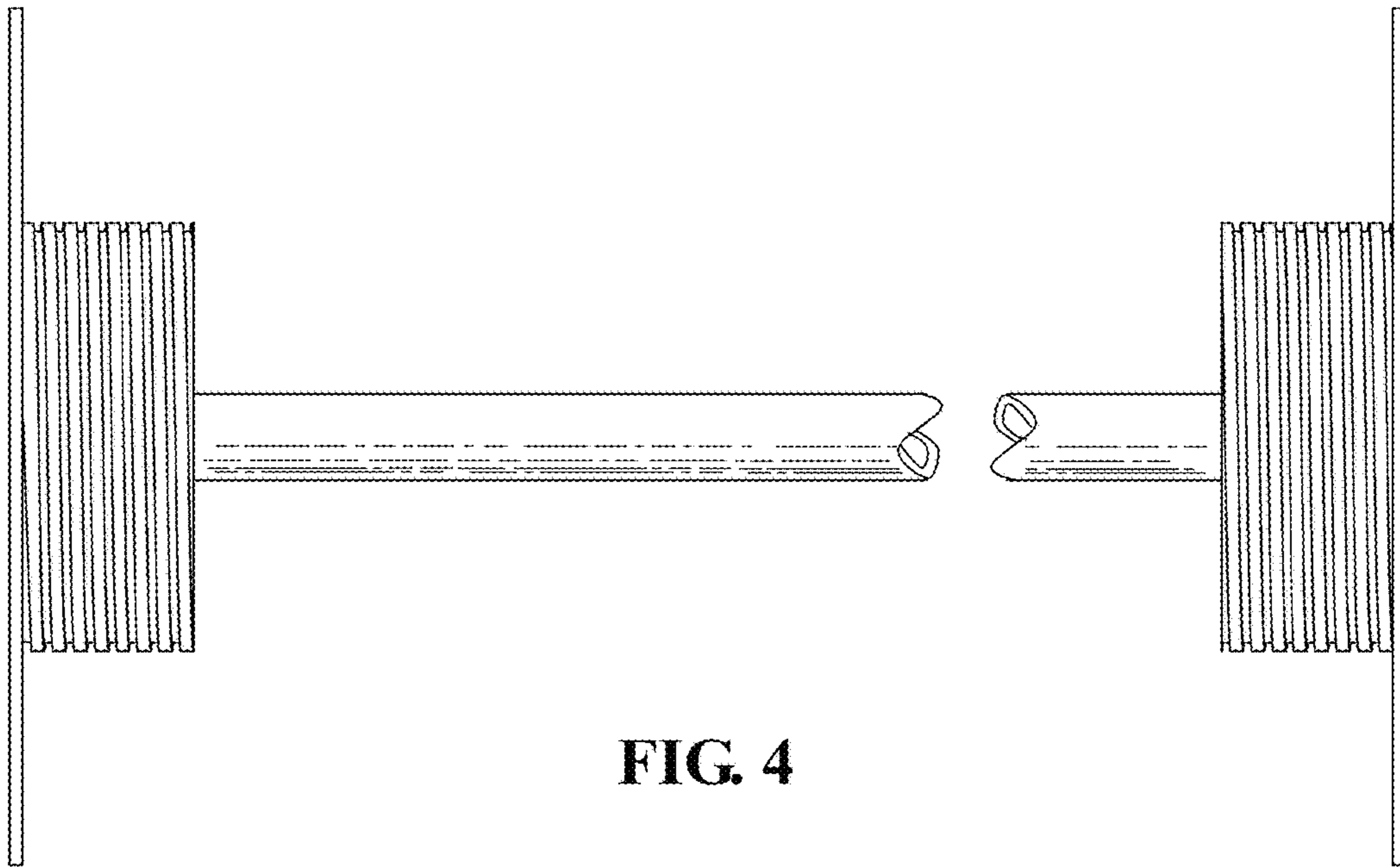


FIG. 4

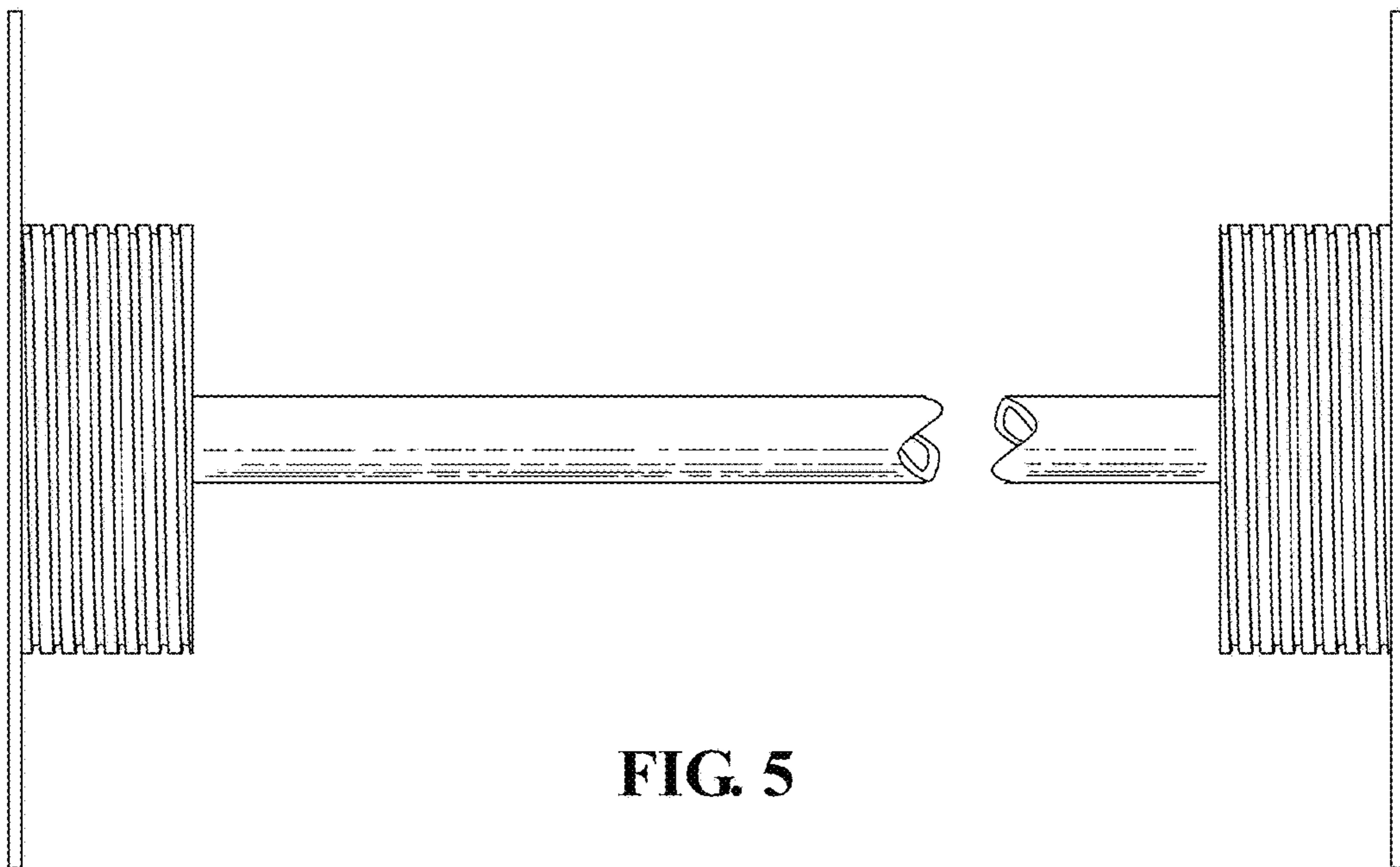


FIG. 5

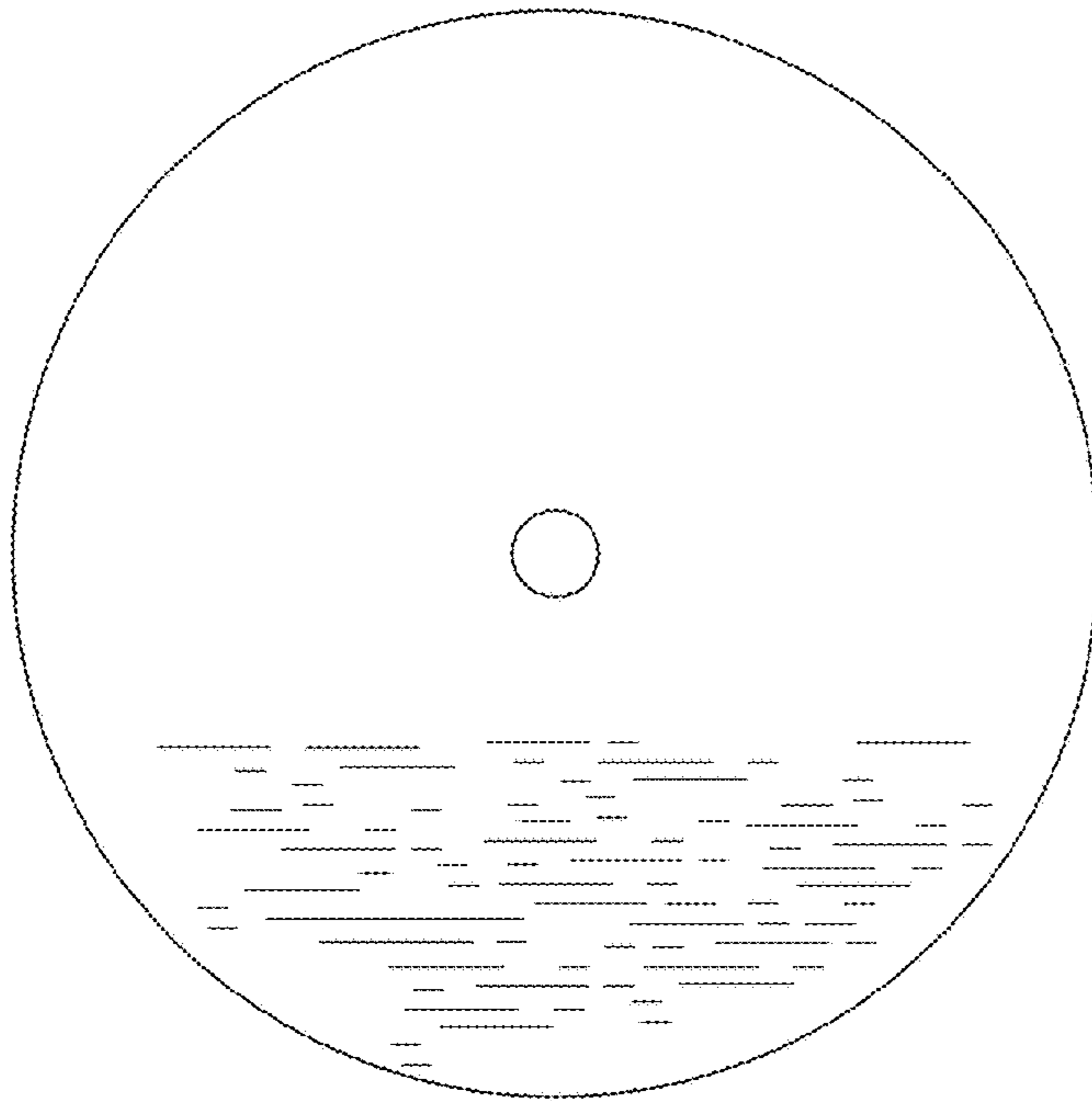


FIG. 6

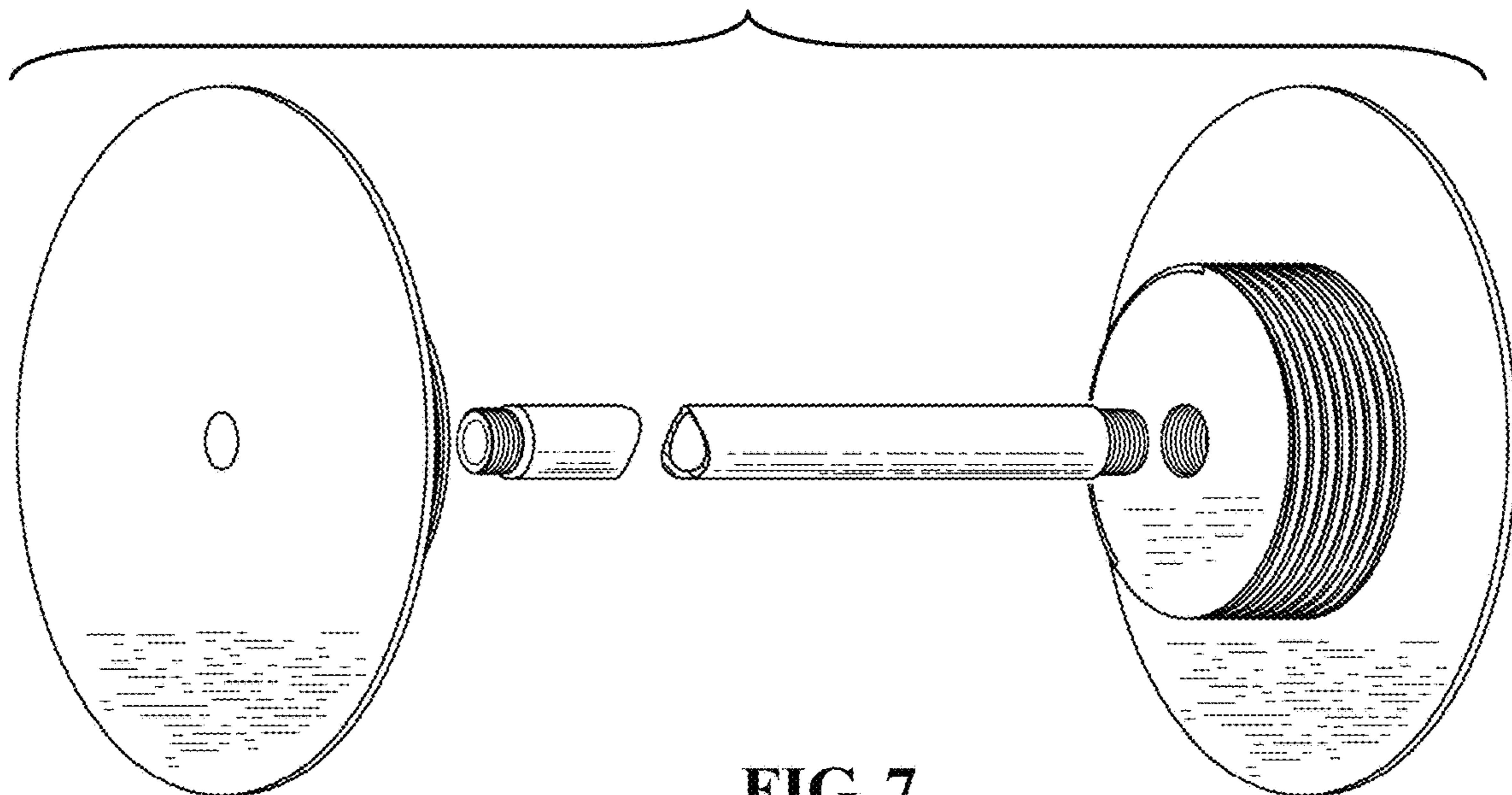
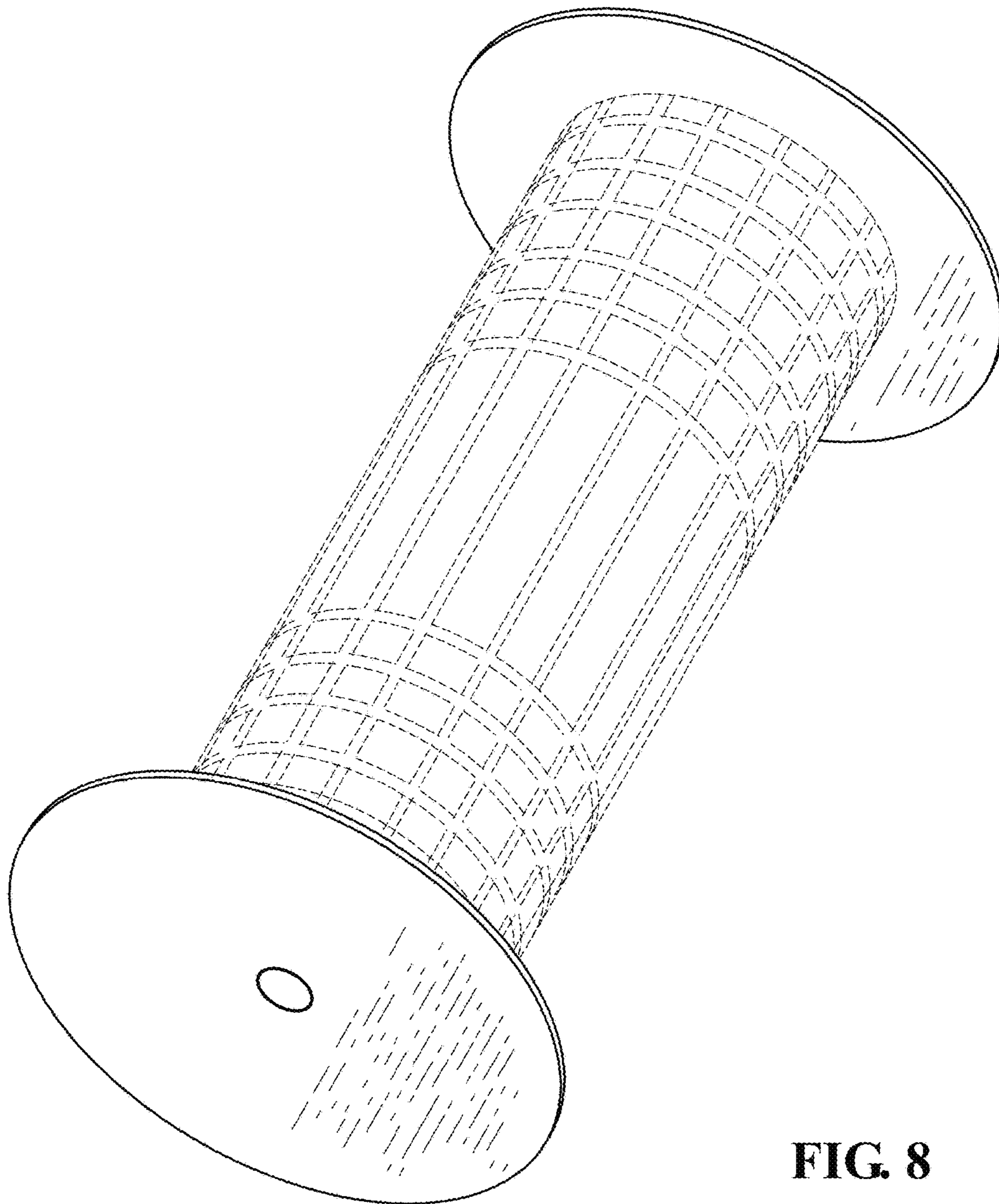


FIG. 7



**FIG. 8**