



US00D710763S

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

(10) **Patent No.:** **US D710,763 S**

(45) **Date of Patent:** **** Aug. 12, 2014**

(54) **TRAILER TANK WITH WIND DEFLECTORS**

(71) Applicant: **Mac LTT, Inc.**, Kent, OH (US)

(72) Inventors: **James A. Maiorana**, Hartville, OH (US); **Edward D. Mansell**, Ravenna, OH (US)

(73) Assignee: **Mac LTT, Inc.**, Kent, OH (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/449,201**

(22) Filed: **Mar. 14, 2013**

(51) **LOC (10) Cl.** **12-08**

(52) **U.S. Cl.**
USPC **D12/95**

(58) **Field of Classification Search**
CPC B60P 1/56; B60P 3/226; B60P 3/224;
B65D 90/10; B65D 90/028; B65D 88/128;
B62D 35/001; B62D 35/02; B01D 46/10;
F16K 17/196; B23K 31/02; B23K 2201/12;
B08B 5/02
USPC D12/95, 218, 181, 96; 414/462;
137/512; 220/262, 345.2, 345.4, 345.6;
105/1.2; 296/180.3, 180.2, 180.5, 217,
296/91, 180.1, 180.4; 701/49, 48;
280/438.1, 407, 407.1; 29/428;
55/385.3, 385.4, 423, 490.1; 95/288
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,695,673	A *	10/1972	Meadows	.....	296/180.2
4,057,280	A *	11/1977	MacCready, Jr. et al.		
D249,783	S *	10/1978	Herpel	.....	D12/181
4,210,354	A	7/1980	Canning		
4,281,869	A	8/1981	Saint		
4,313,635	A *	2/1982	Front	.....	296/180.3
4,421,354	A *	12/1983	Lemaster	.....	296/180.2
D286,030	S *	10/1986	Short	.....	D12/95

4,883,307	A *	11/1989	Hacker et al.	.....	296/180.2
5,595,419	A *	1/1997	Spears	.....	296/180.2
5,824,138	A *	10/1998	Taylor, III	.....	95/288
5,911,337	A *	6/1999	Bedeker	.....	220/562
6,105,805	A	8/2000	Labelle et al.		
6,173,854	B1 *	1/2001	Labelle et al.	.....	220/262
6,318,402	B1 *	11/2001	Ladeira	.....	137/240
6,457,630	B1 *	10/2002	Nilsson	.....	228/184
6,561,373	B1	5/2003	Chapin		
D535,597	S *	1/2007	Herpel	.....	D12/181

(Continued)

Primary Examiner — Eric Goodman

Assistant Examiner — Ryan Harvey

(74) *Attorney, Agent, or Firm* — Sand & Sebolt

(57) **CLAIM**

The ornamental design for a trailer tank with wind deflectors, as shown and described.

DESCRIPTION

FIG. 1 is a side elevational view of a trailer tank with the wind deflectors mounted thereon showing our new design.

FIG. 2 is an enlarged side elevational view of the trailer tank with the wind deflectors mounted thereon.

FIG. 3 is a top plan view of FIG. 2.

FIG. 4 is a bottom plan view of FIG. 3.

FIG. 5 is an end elevational view of FIG. 3, the opposite end being a mirror image thereof.

FIG. 6 is a top perspective view of FIG. 2.

FIG. 7 is a side elevational view of a trailer tank with modified wind deflectors mounted thereon.

FIG. 8 is a top plan view of FIG. 7.

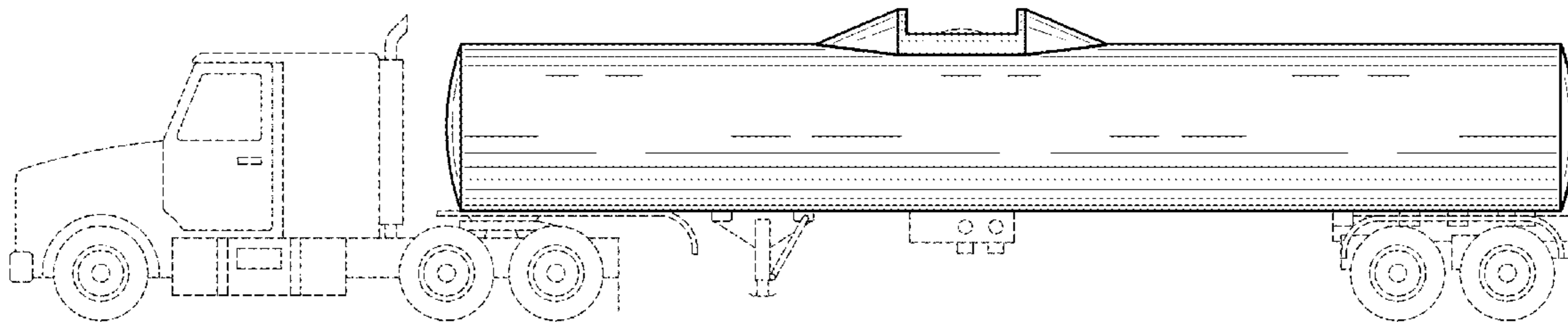
FIG. 9 is a bottom plan view of FIG. 8.

FIG. 10 is an end elevational view of FIG. 7, the opposite end being a mirror image thereof; and,

FIG. 11 is a top perspective view of FIG. 7.

The broken lines define a type of trailer with which the tank and wind deflectors of our design will be used and are for illustrative purposes only and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



US D710,763 S

Page 2

(56)

References Cited

U.S. PATENT DOCUMENTS

2007/0270077	A1 *	11/2007	Woodhouse	.....	446/473	
2009/0146453	A1 *	6/2009	Ortega et al.	.....	296/180.4	
2009/0212594	A1 *	8/2009	Breidenbach	.....	296/180.1	
2009/0288719	A1 *	11/2009	Adams et al.	.....	137/512	
2011/0181072	A1 *	7/2011	Kempster	.....	296/180.5	
2013/0221700	A1 *	8/2013	White, Sr.	.....	296/180.1	
2013/0266411	A1 *	10/2013	Morgan et al.	.....	414/462	

* cited by examiner

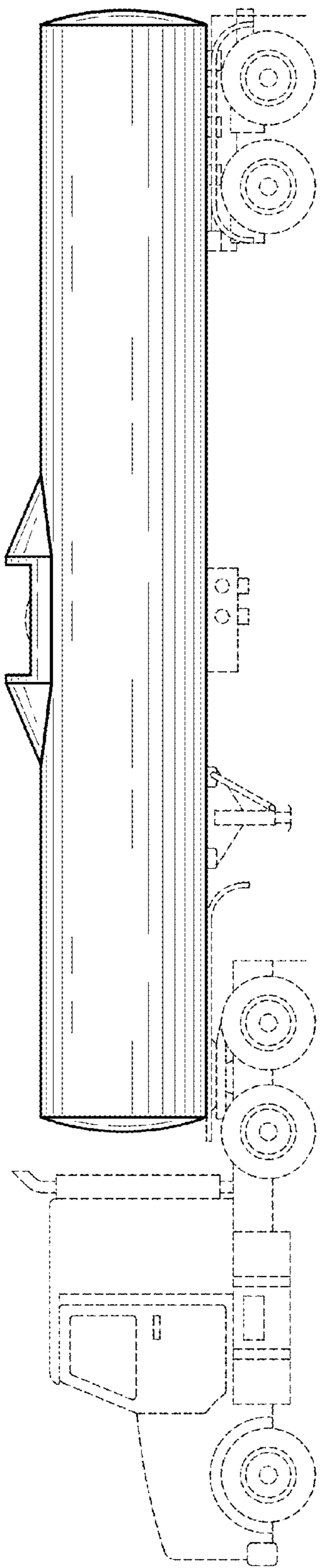


FIG-1

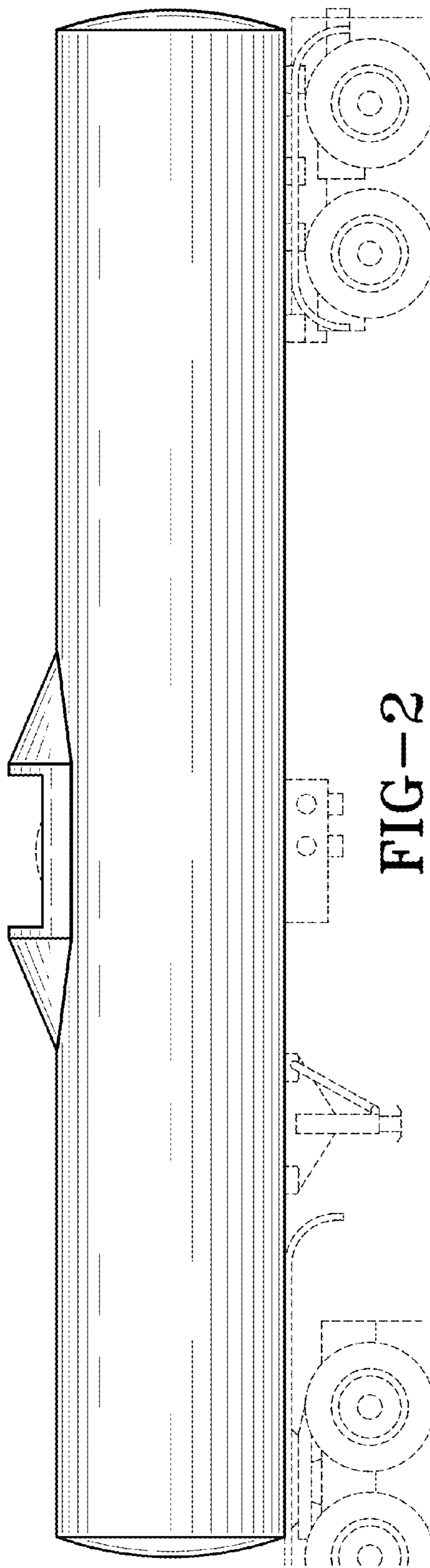


FIG-2

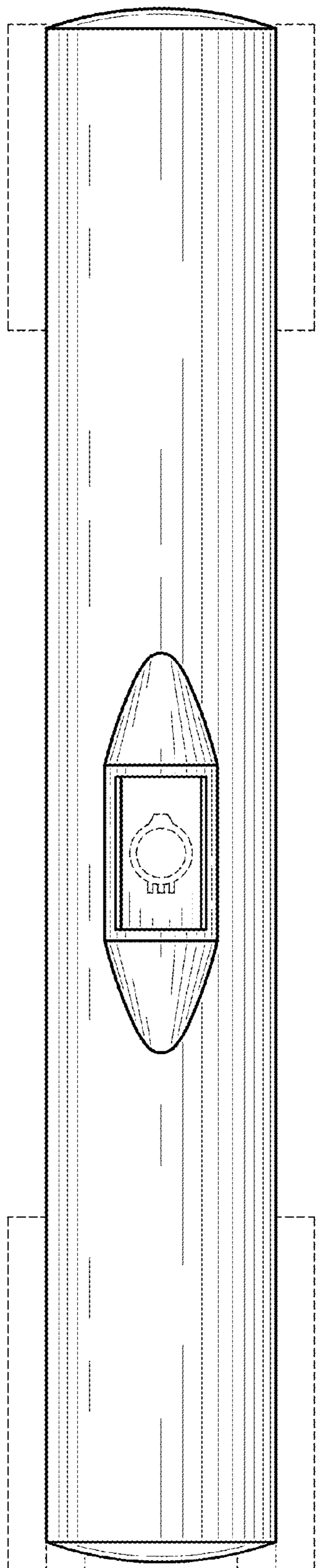


FIG-3

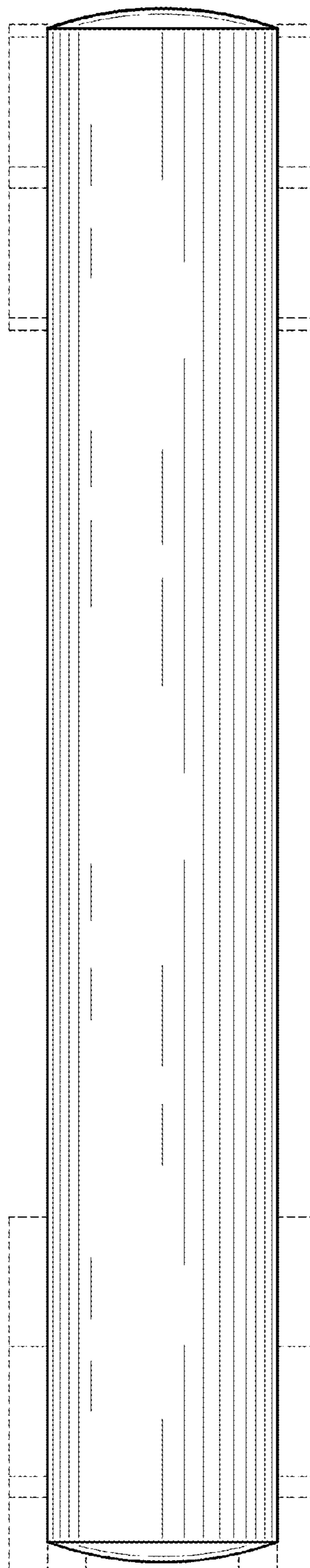


FIG-4

FIG-5

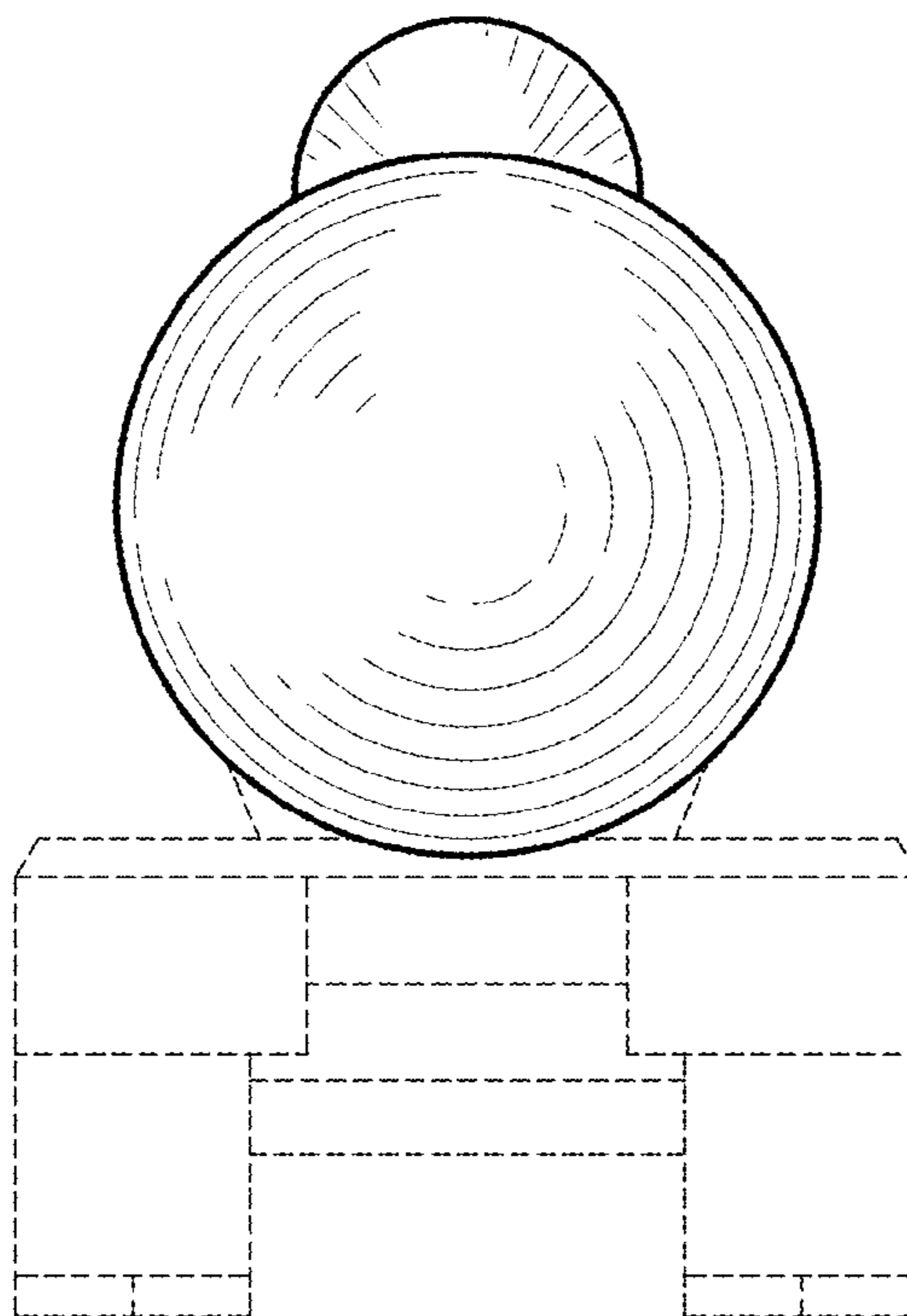
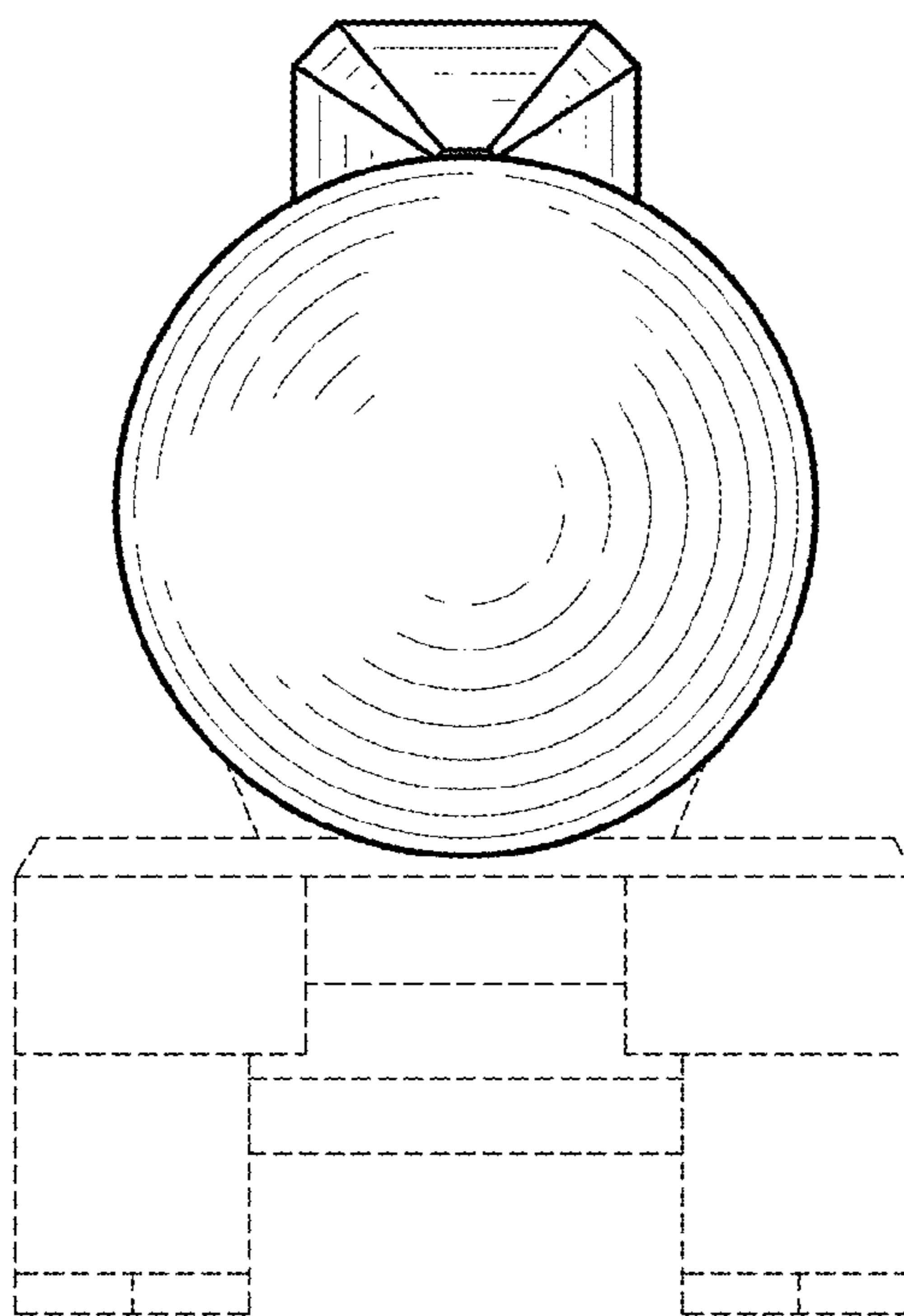


FIG-10



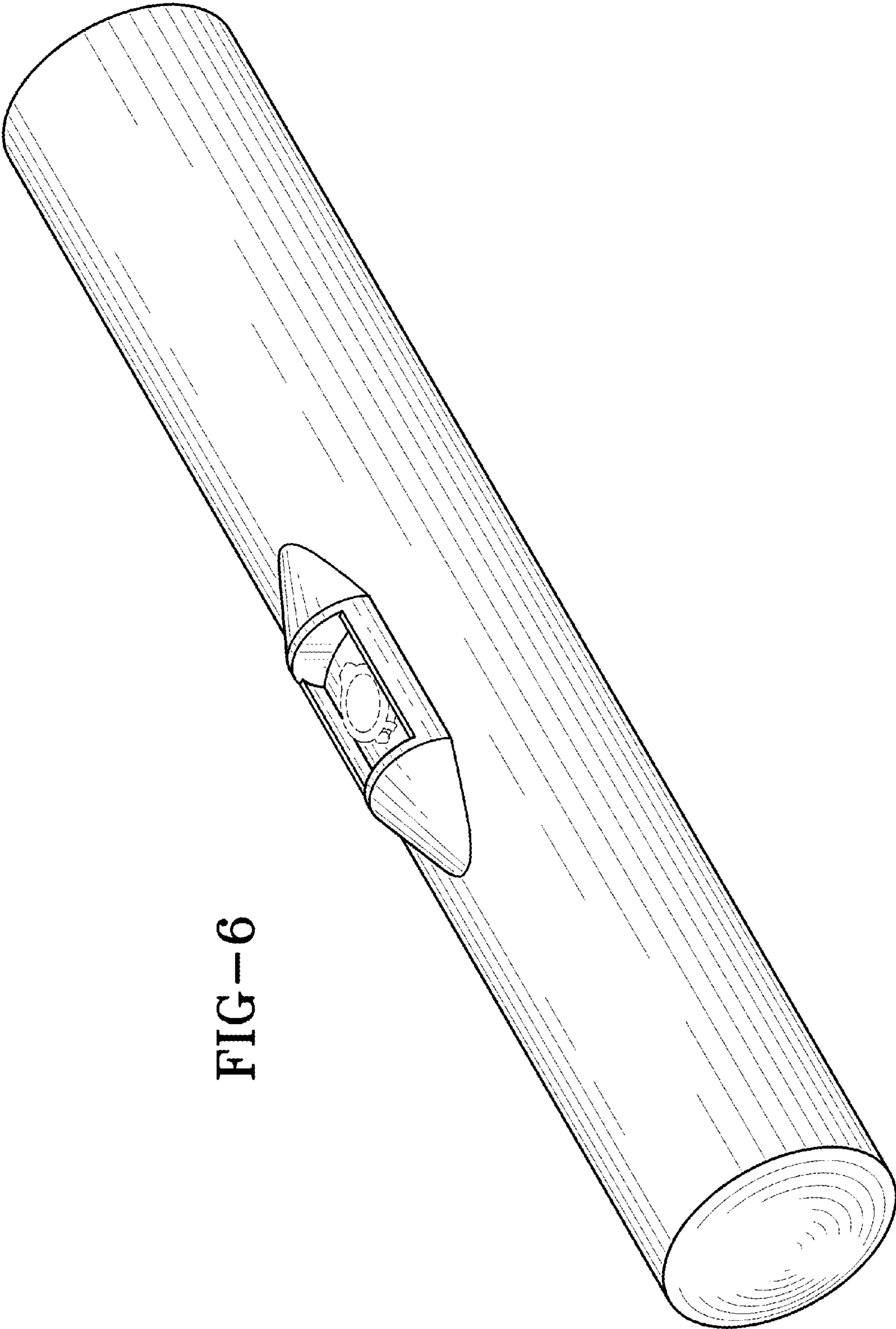


FIG-6

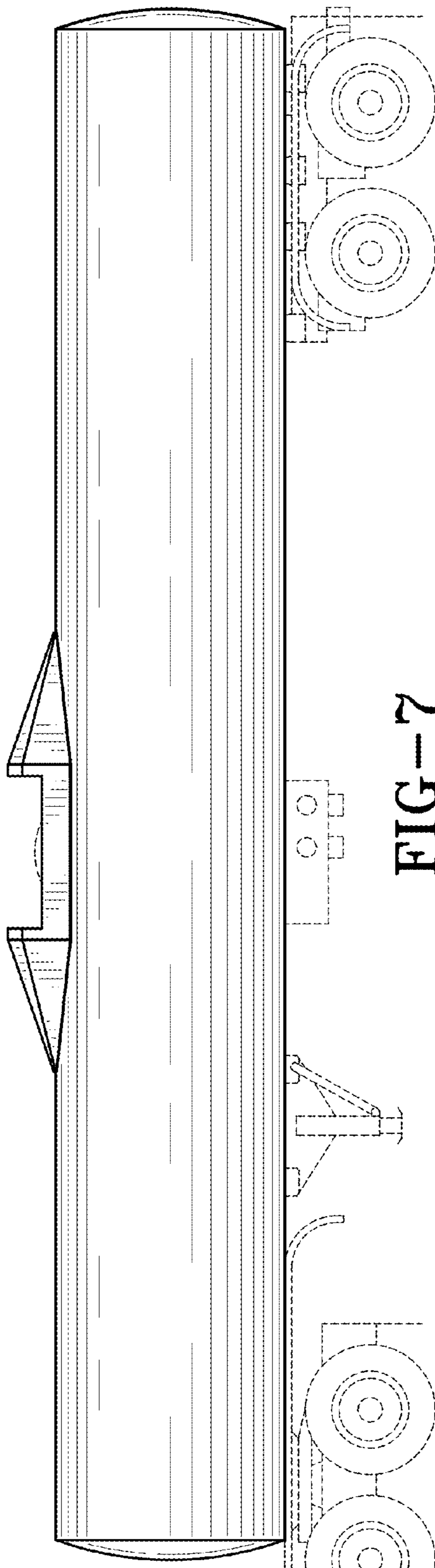


FIG--7

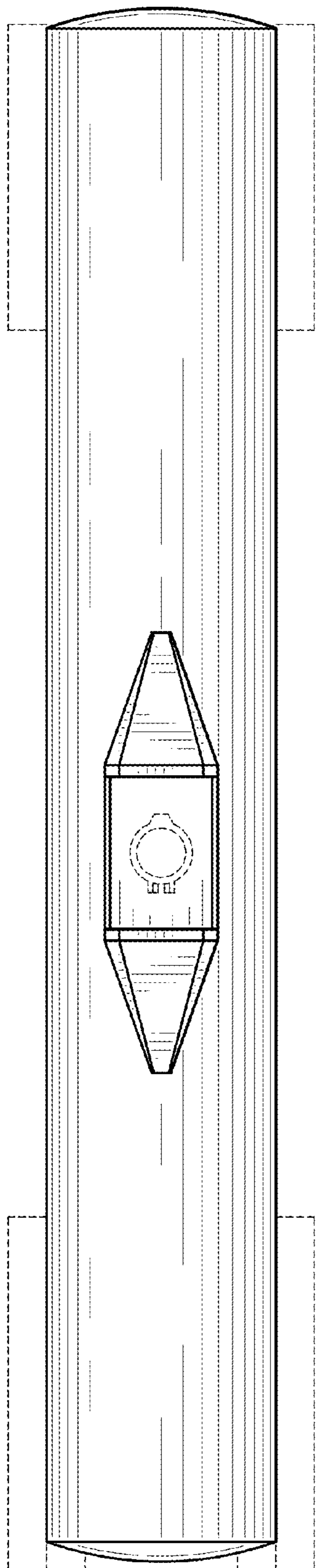


FIG-8

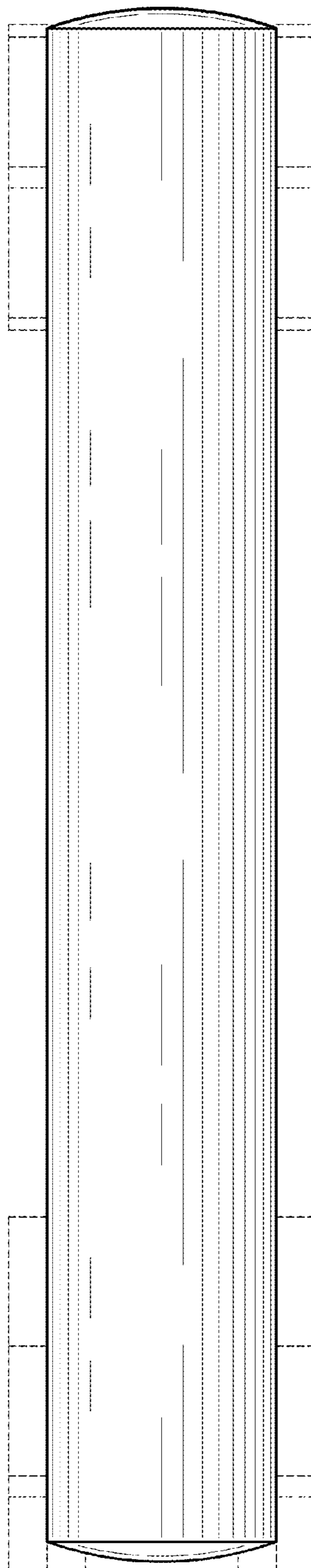


FIG-9

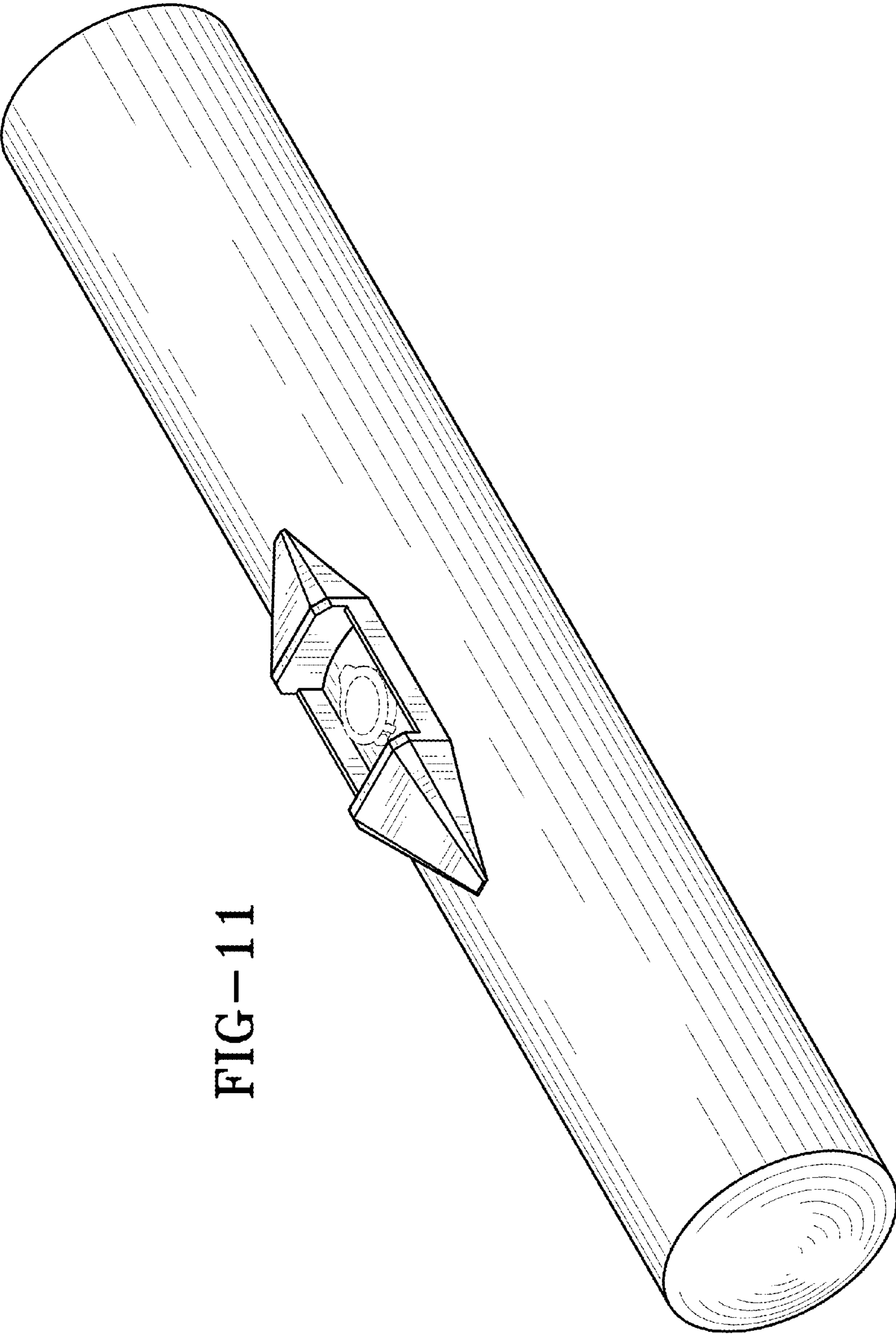


FIG-11