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(12) **United States Design Patent** (10) **Patent No.:** **US D841,442 S**  
**Mays et al.** (45) **Date of Patent:** **\*\* Feb. 26, 2019**

(54) **HOSE REEL CONNECTION MEMBERS**

(71) Applicant: **Polypipe Handling Specialists, Inc.**,  
Edmond, OK (US)

(72) Inventors: **P. Mike Mays**, Edmond, OK (US);  
**Trevor J. Mays**, Edmond, OK (US);  
**Michael K. Mays**, Edmond, OK (US)

(73) Assignee: **Polypipe Handling Specialists, Inc.**,  
Edmond, OK (US)

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

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**Related U.S. Application Data**

(63) Continuation of application No. 29/558,691, filed on  
Mar. 21, 2016, now Pat. No. Des. 809,369, which is  
a continuation of application No. 14/173,564, filed on  
Feb. 5, 2014, now Pat. No. 9,290,357.

(51) **LOC (11) Cl.** ..... **09-06**

(52) **U.S. Cl.**  
USPC ..... **D8/356; D8/358**

(58) **Field of Classification Search**  
USPC ..... D8/356, 354, 349, 358; 206/233;  
320/107; D32/14; D28/10, 39, 41  
CPC ..... F16B 5/065; E05B 1/0007  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,148,445 A	4/1979	Reynolds et al.	
4,586,677 A	5/1986	Nevarez	
5,083,722 A	1/1992	Briggs et al.	
D334,835 S *	4/1993	Randolph	D3/23
5,454,431 A	10/1995	Ledwig	
D402,882 S *	12/1998	McBain	D8/358
5,897,073 A	4/1999	McVaugh	

7,143,971 B2	12/2006	Yoder et al.	
7,431,267 B1	10/2008	Cunningham	
7,566,024 B2	7/2009	Krise et al.	
D606,845 S *	12/2009	Taatjes	D8/358

(Continued)

**OTHER PUBLICATIONS**

Frac Tank Deployment System (FTDS). (2013). Hippo Frac Tank.  
[Brochure]. Retrieved from www.sei-ind.com.

*Primary Examiner* — Cynthia R Underwood

(74) *Attorney, Agent, or Firm* — Dunlap Codding, P.C.

(57) **CLAIM**

The ornamental design for hose reel connection members, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a first hose reel  
connection member showing our new design.

FIG. 2 is a rear perspective view of a second hose reel  
connection member showing our new design.

FIG. 3 is a side elevational view of the first hose reel  
connection member.

FIG. 4 is a side elevational view of the second hose reel  
connection member.

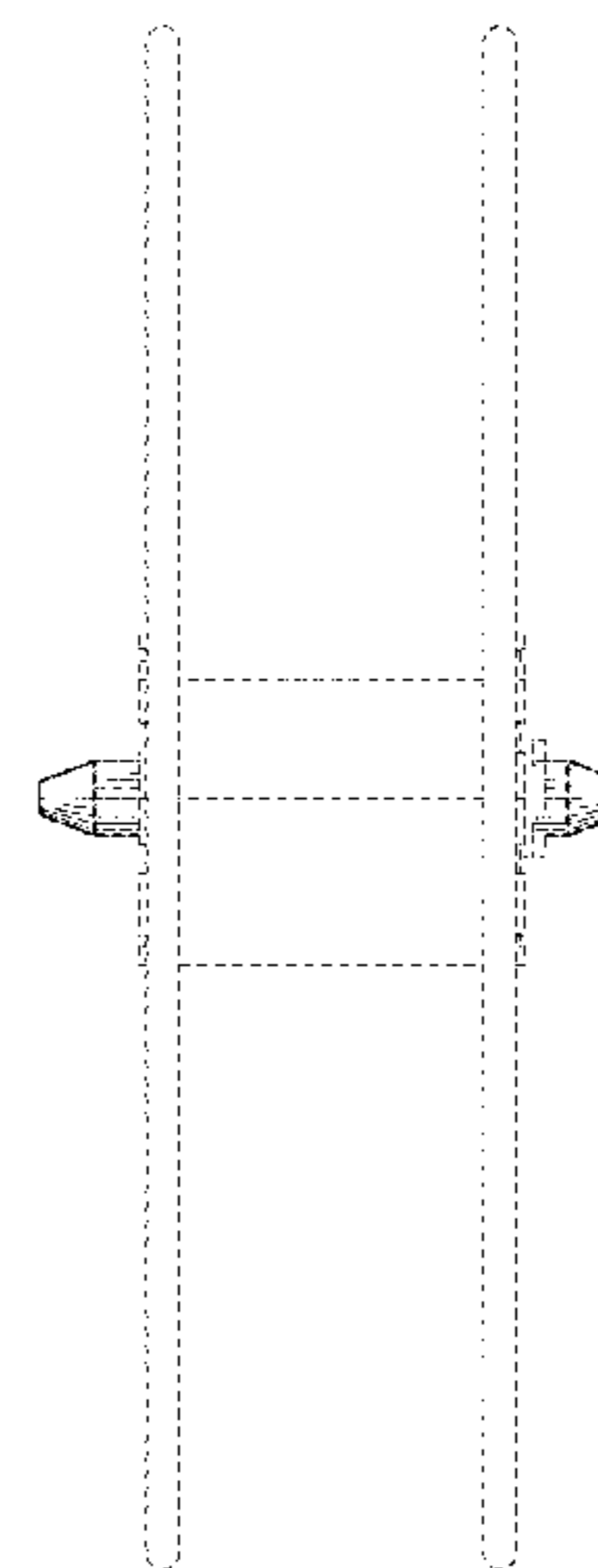
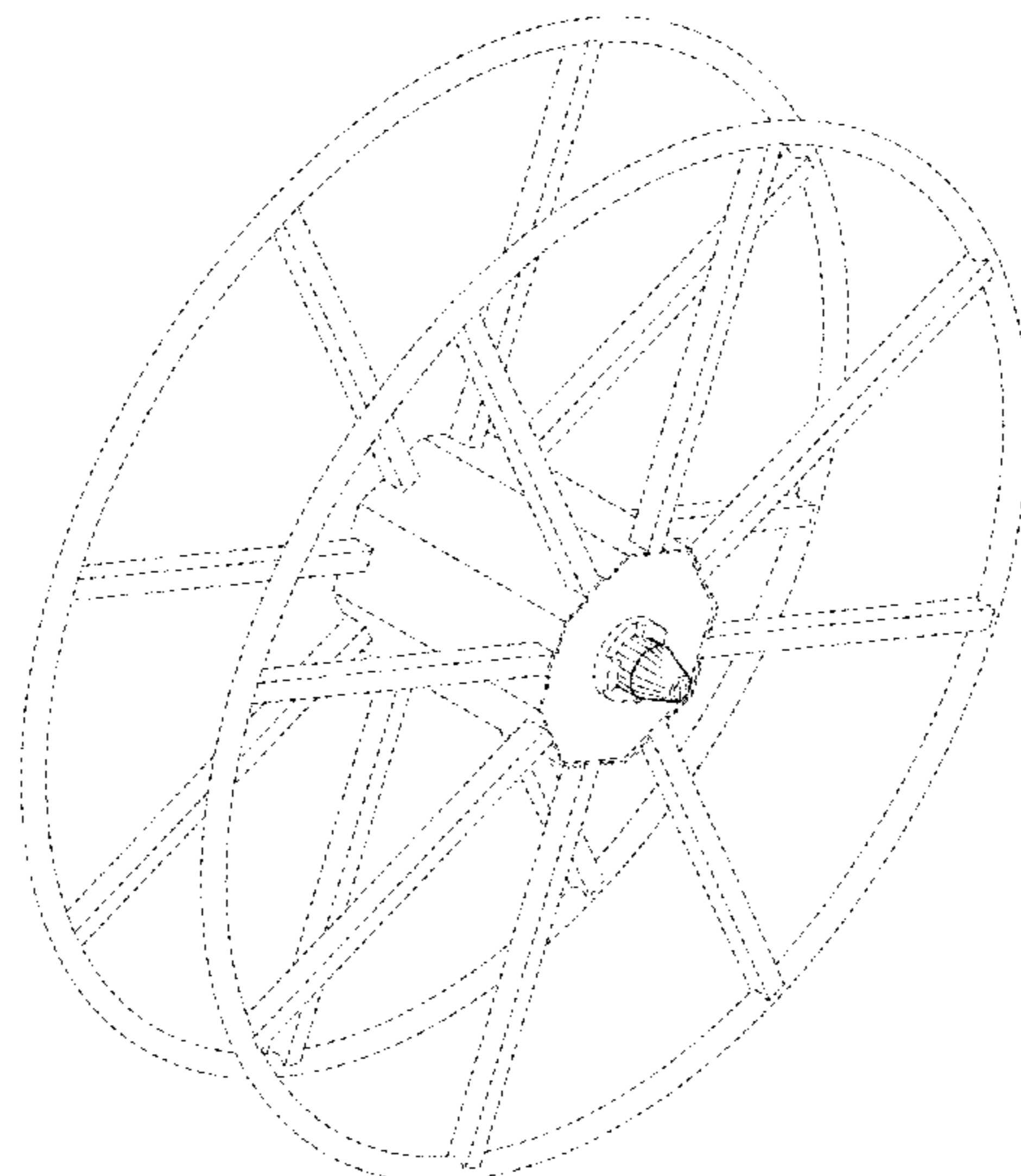
FIG. 5 is a front elevational view of the first hose reel  
connection member and the second hose reel connection  
member.

FIG. 6 is a rear elevational view of the first hose reel  
connection member and the second hose reel connection  
member.

FIG. 7 is a top plan view of the first hose reel connection  
member and the second hose reel connection member; and,  
FIG. 8 is a bottom plan view of the first hose reel connection  
member and the second hose reel connection member.

The broken lines represent environment that forms no part of  
the claim.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,673,697 B2 3/2010 Peterson  
7,793,881 B1 9/2010 Torres  
8,430,436 B2\* 4/2013 Shilts ..... E05B 1/0007  
292/347  
D686,487 S \* 7/2013 Handa ..... D8/356  
D706,117 S \* 6/2014 Toimil ..... D13/154  
D713,241 S \* 9/2014 Yajima ..... D8/358  
D741,151 S \* 10/2015 Iseminger ..... D8/356  
D814,721 S \* 4/2018 Bailey ..... D32/14  
2004/0227031 A1 11/2004 Yoder et al.  
2005/0244250 A1\* 11/2005 Okada ..... F16B 5/065  
411/508  
2010/0314482 A1 12/2010 Merkt  
2012/0118397 A1 5/2012 Novotny et al.  
2013/0168484 A1 7/2013 Novotny et al.

\* cited by examiner

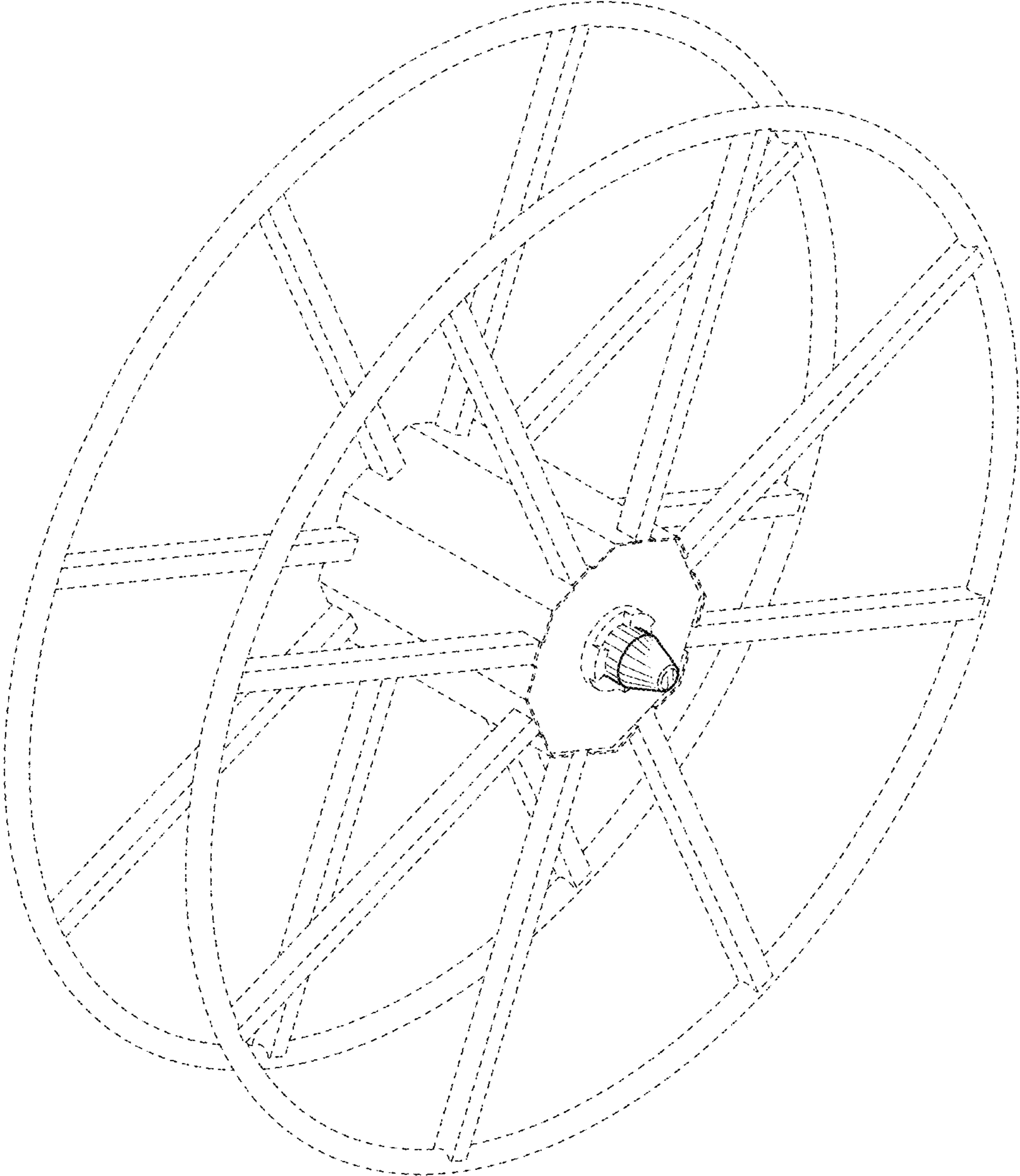


FIG. 1

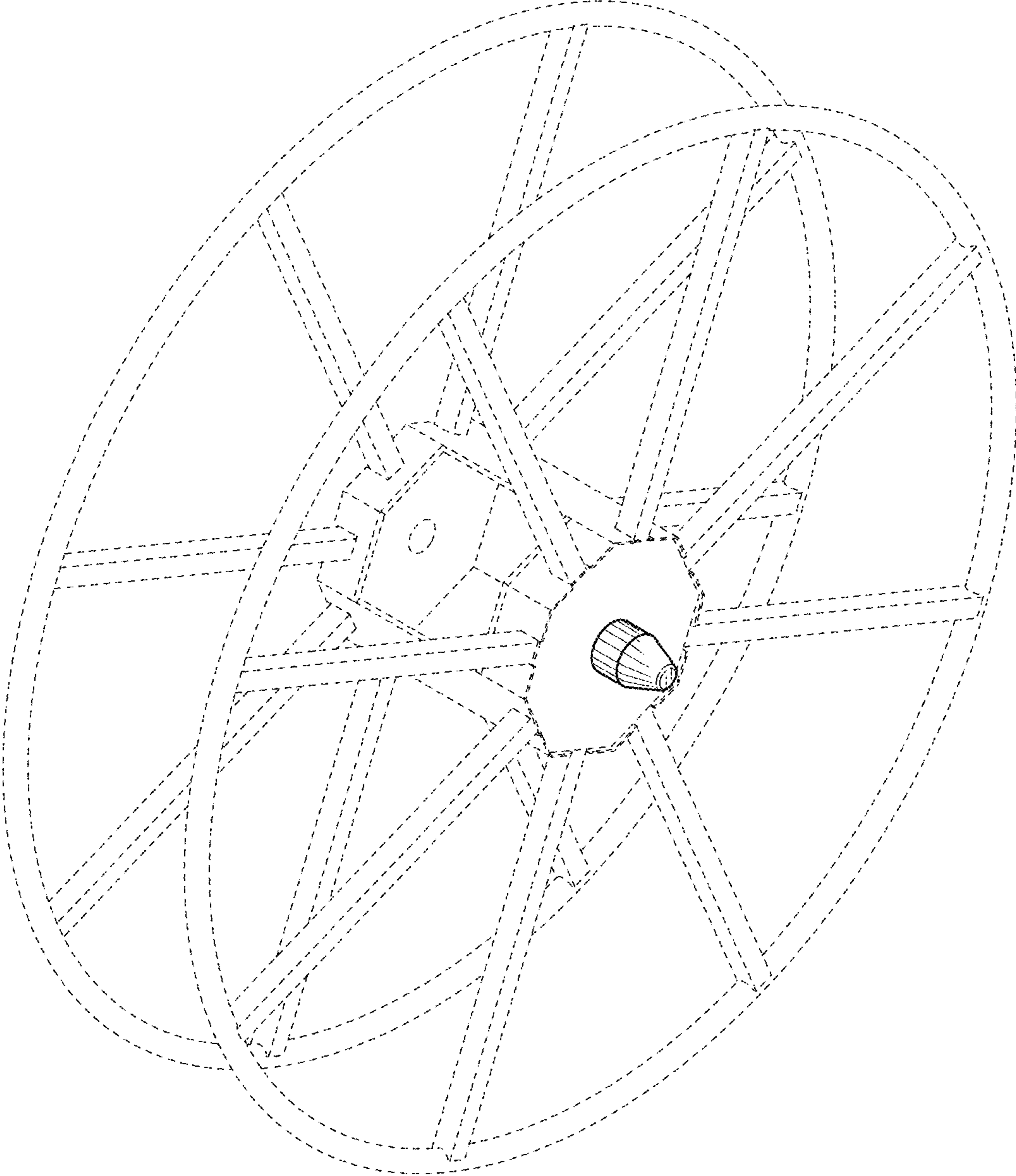


FIG. 2

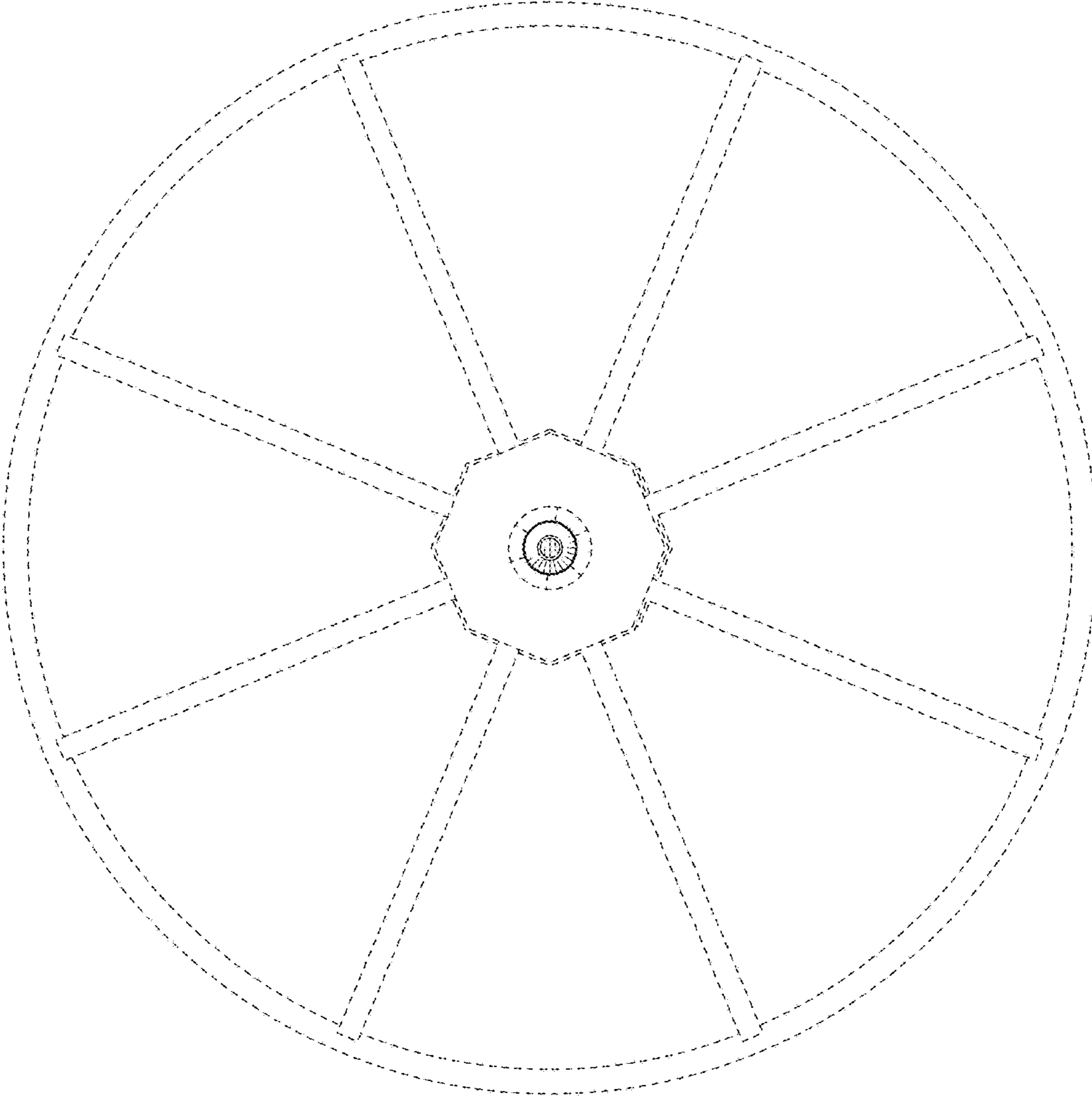


FIG. 3

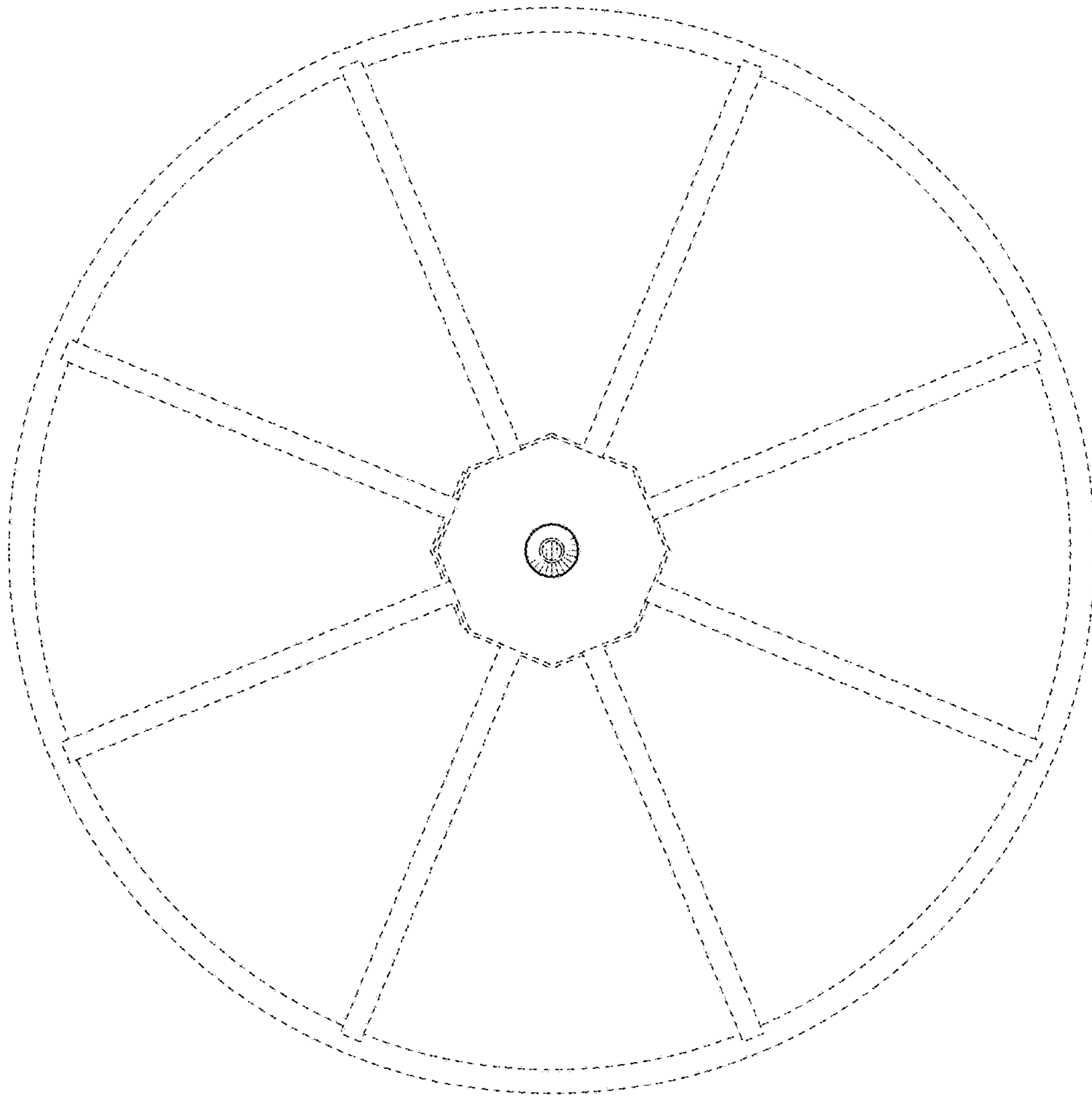


FIG. 4

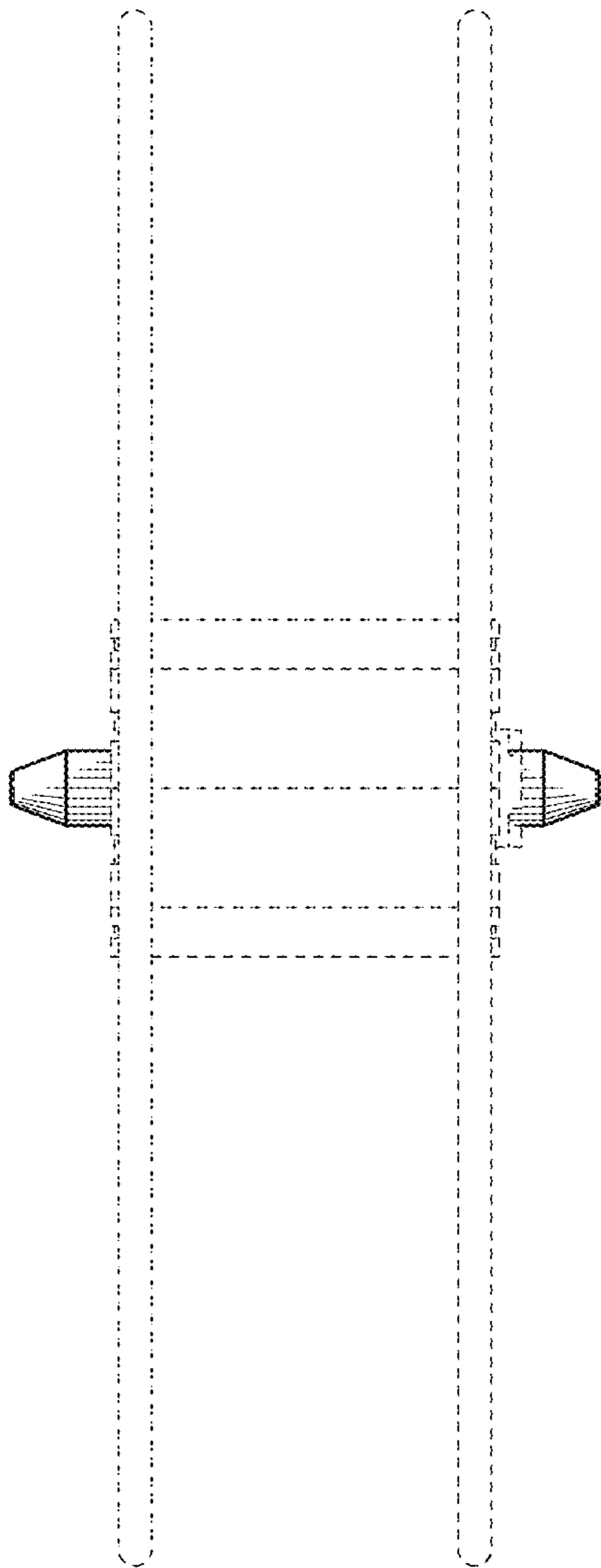


FIG. 5

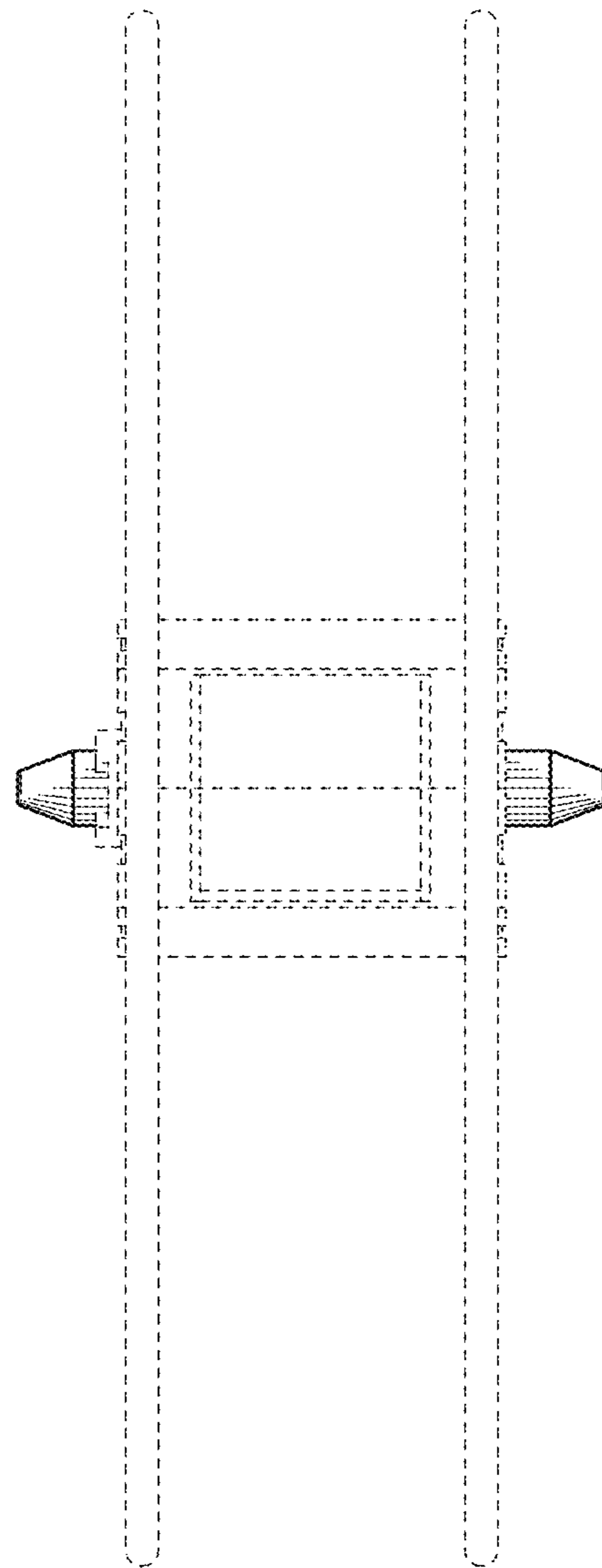


FIG. 6

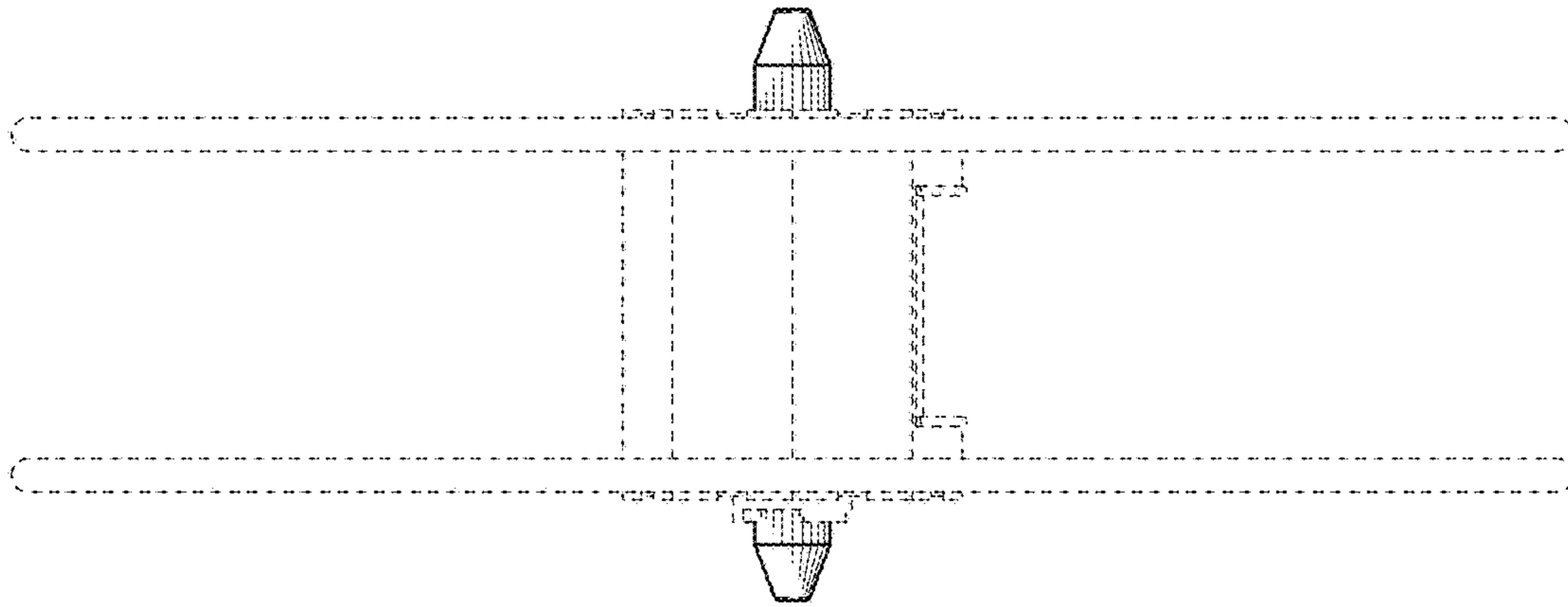


FIG. 7

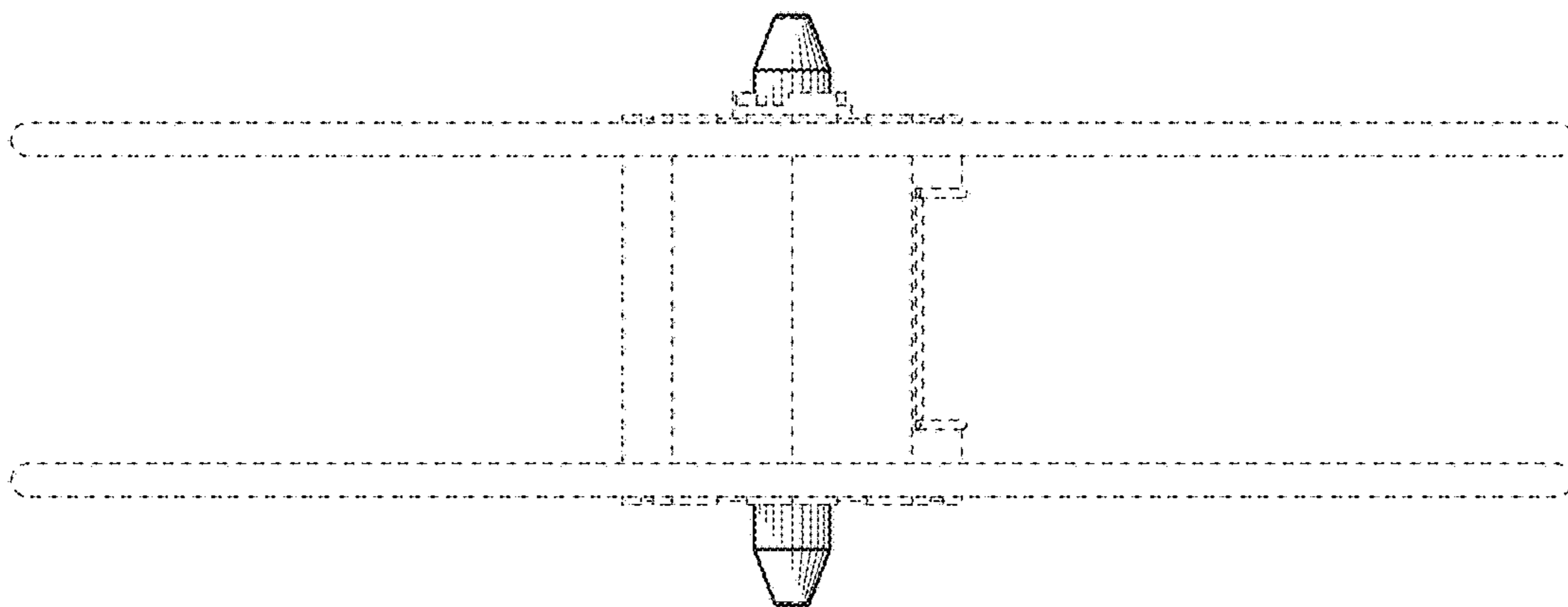


FIG. 8