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(12) **United States Design Patent** (10) **Patent No.:** **US D822,145 S**
Gibson et al. (45) **Date of Patent:** **** Jul. 3, 2018**

- (54) **NON-LETHAL PROJECTILE**
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- (**) Term: **15 Years**
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6,223,658	B1	5/2001	Rosa et al.	
6,230,630	B1	5/2001	Gibson et al.	
6,615,739	B2	9/2003	Gibson et al.	
7,098,031	B2	8/2006	Chouluka et al.	
7,228,802	B2	6/2007	Montefusco	
7,526,998	B2	5/2009	Vasel et al.	
7,815,868	B1	10/2010	Jones et al.	
8,261,665	B1	9/2012	Walsh	
8,875,634	B2	11/2014	Gibson et al.	
9,021,957	B1 *	5/2015	Farina	F42B 12/34 102/376
2005/0177098	A1	8/2005	Lin et al.	
2006/0011090	A1 *	1/2006	Vasel	F41B 11/62 102/512
2006/0110756	A1	5/2006	Tang et al.	
2006/0254453	A1	11/2006	Leal et al.	

(Continued)

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Related U.S. Application Data

- (63) Continuation of application No. 29/515,406, filed on Jan. 22, 2015, now Pat. No. Des. 765,215.
- (51) **LOC (11) Cl.** **22-03**
- (52) **U.S. Cl.**
USPC **D22/115**
- (58) **Field of Classification Search**
USPC D22/115–116
CPC F41A 9/83; F41A 9/82; F41A 9/01; F41A 9/09; F41A 9/86; F42B 30/02; F42B 5/02; F42B 5/26; F42B 12/34; F42B 8/04; F42B 10/22; F42B 8/14
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

39,942	A	9/1863	McMurtry	
3,611,930	A	10/1971	Kensinger	
4,958,570	A	9/1990	Harris	
5,565,649	A *	10/1996	Tougeron	F42B 12/36 102/370
5,906,686	A	5/1999	McNeil	

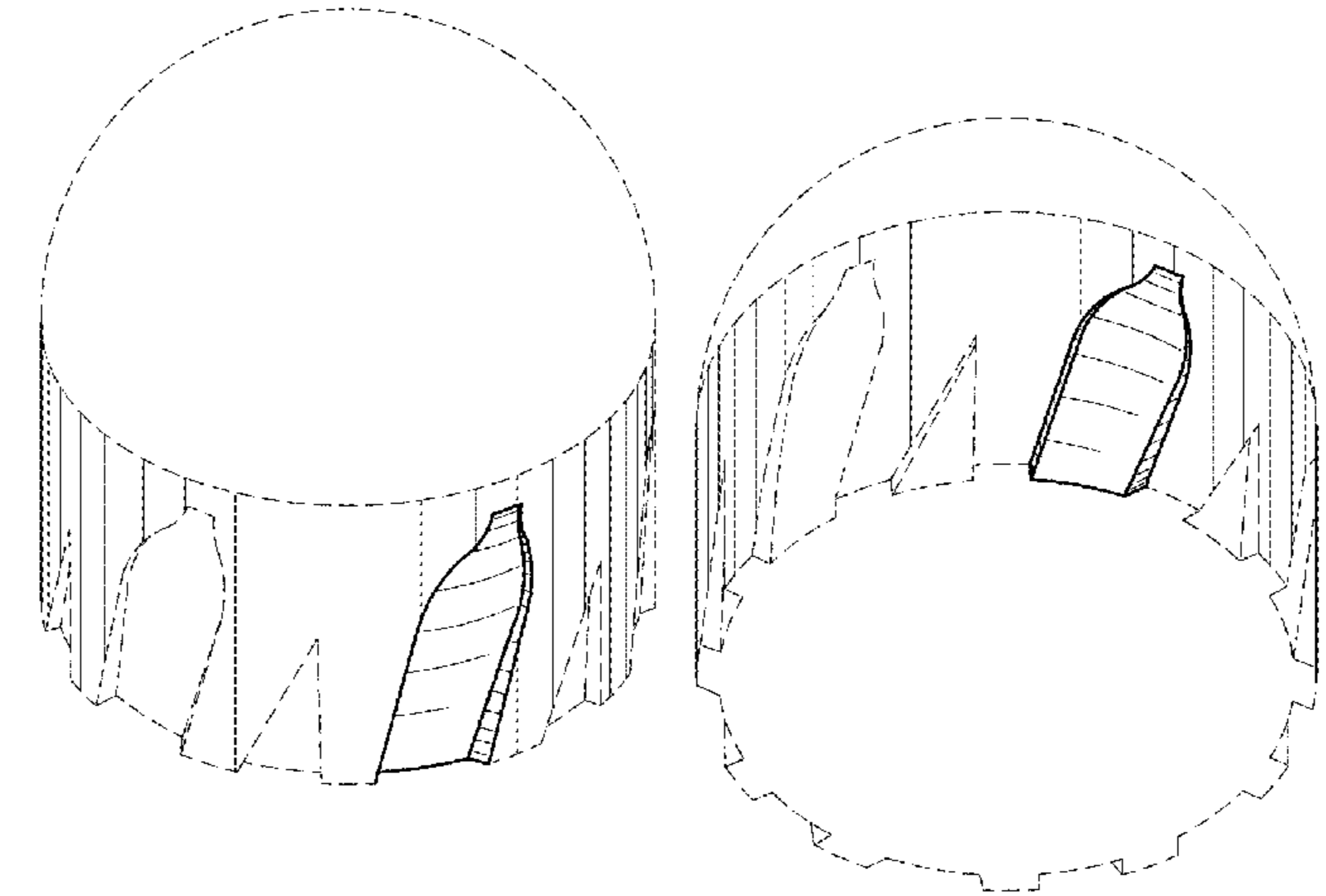
(57) **CLAIM**

We claim the ornamental design for a non-lethal projectile, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a non-lethal projectile according to the new design;
 FIG. 2 is a bottom perspective view of the non-lethal projectile shown in FIG. 1;
 FIG. 3 is a front side view of the non-lethal projectile shown in FIG. 1;
 FIG. 4 is a right side view of the non-lethal projectile shown in FIG. 1;
 FIG. 5 is a bottom view of the non-lethal projectile shown in FIG. 1; and,
 FIG. 6 is a top view of the non-lethal projectile shown in FIG. 1.
 Features shown in broken lines in the drawings are not part of the claim.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2008/0264290 A1 10/2008 Salvel
2009/0101038 A1* 4/2009 Kapeles F42B 12/40
102/502
2009/0126602 A1 5/2009 Murphy et al.
2009/0266262 A1 10/2009 Vasel et al.
2010/0078844 A1* 4/2010 Kapeles F42B 10/06
264/45.3
2012/0017793 A1* 1/2012 Huffman F42B 5/045
102/444
2012/0199034 A1 8/2012 Gibson et al.
2012/0199035 A1 8/2012 Frank
2012/0210903 A1 8/2012 Wilson
2013/0337949 A1 12/2013 Macy et al.
2014/0318402 A1* 10/2014 Carlson F42B 12/40
102/439
2014/0352188 A1* 12/2014 Widder F42B 5/184
42/14
2014/0373745 A1* 12/2014 Carlson F42B 8/16
102/502
2015/0144018 A1 5/2015 Buys
2015/0369577 A1* 12/2015 Tseng F42B 12/46
102/502

* cited by examiner

FIG. 1

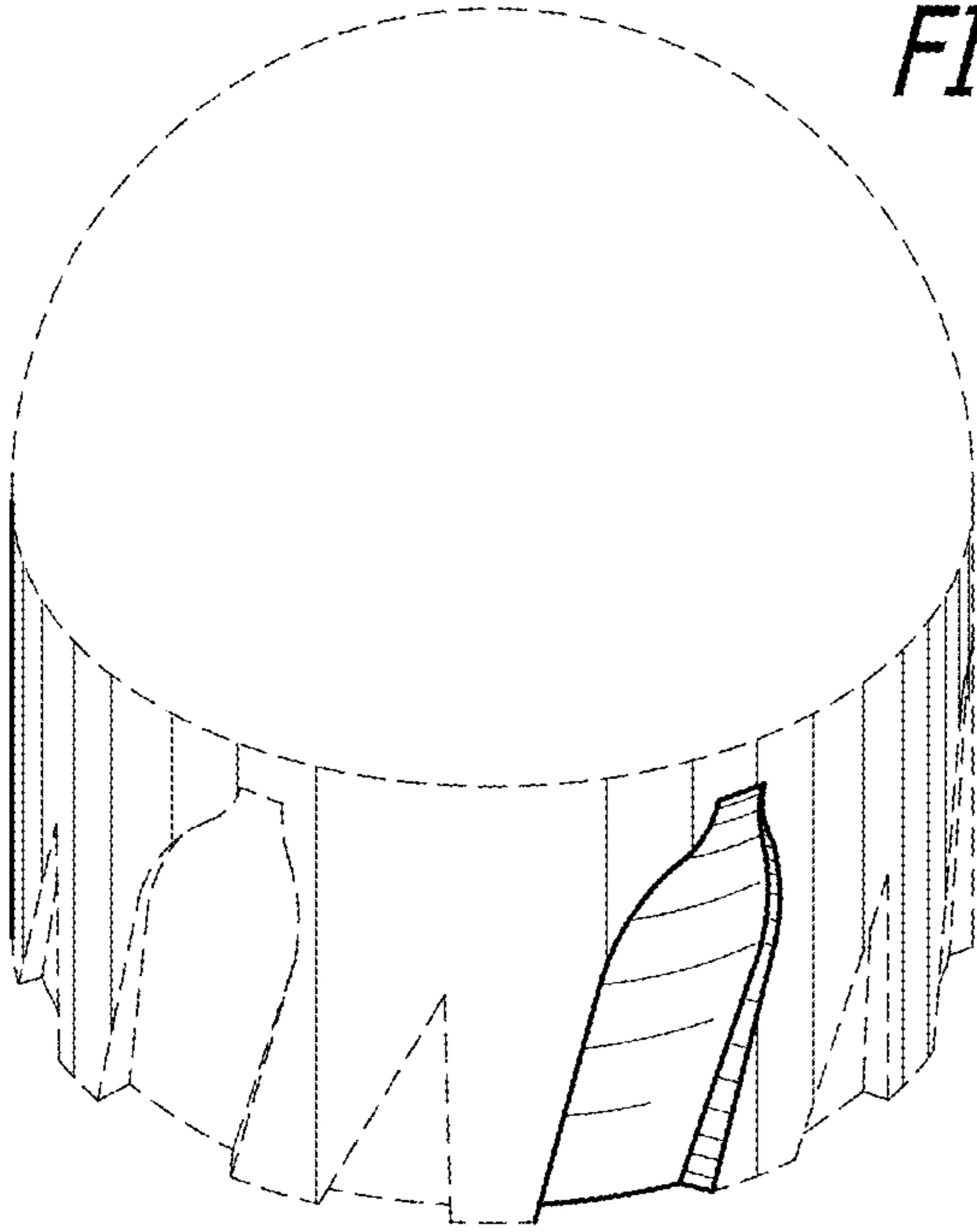


FIG. 2

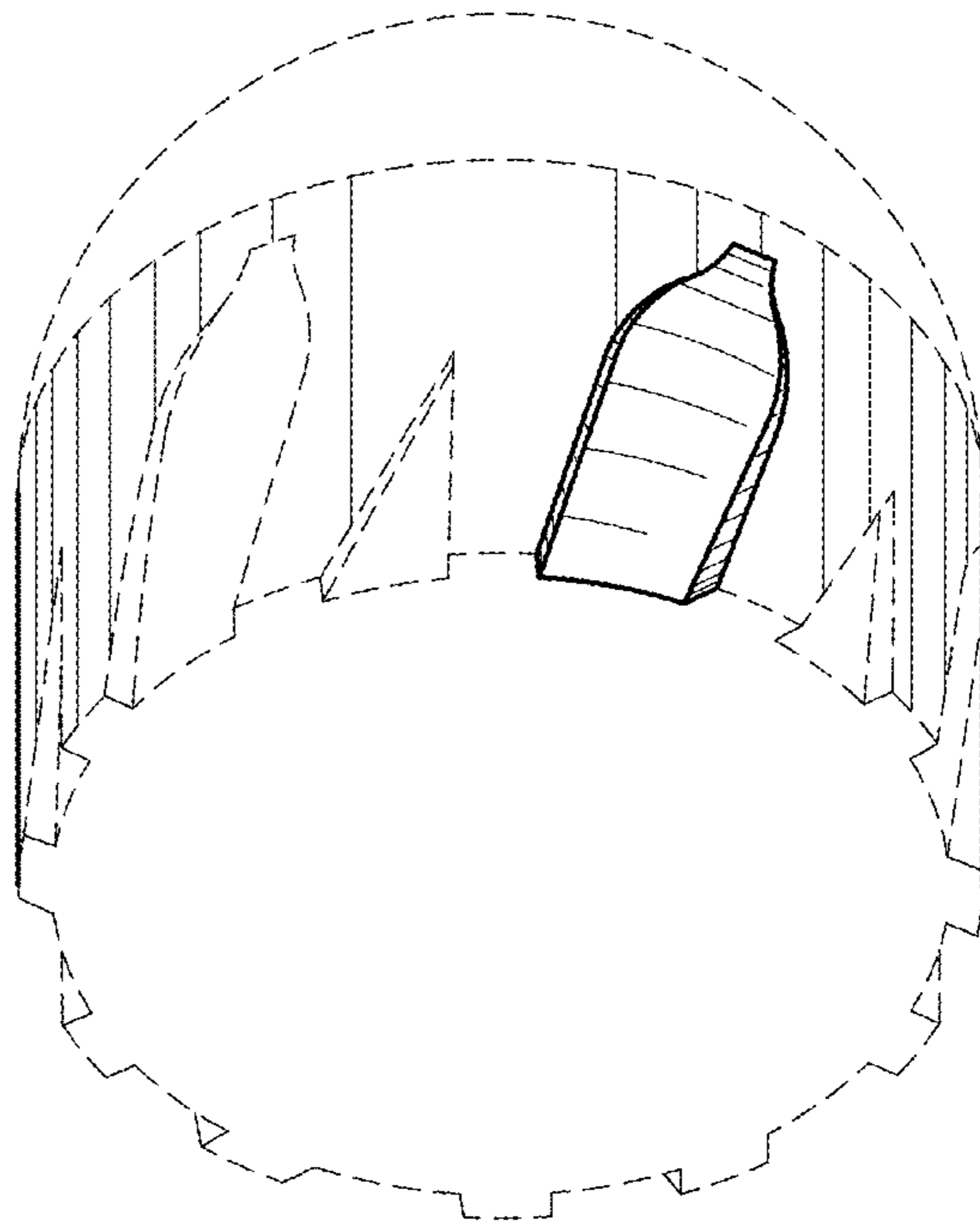


FIG. 3

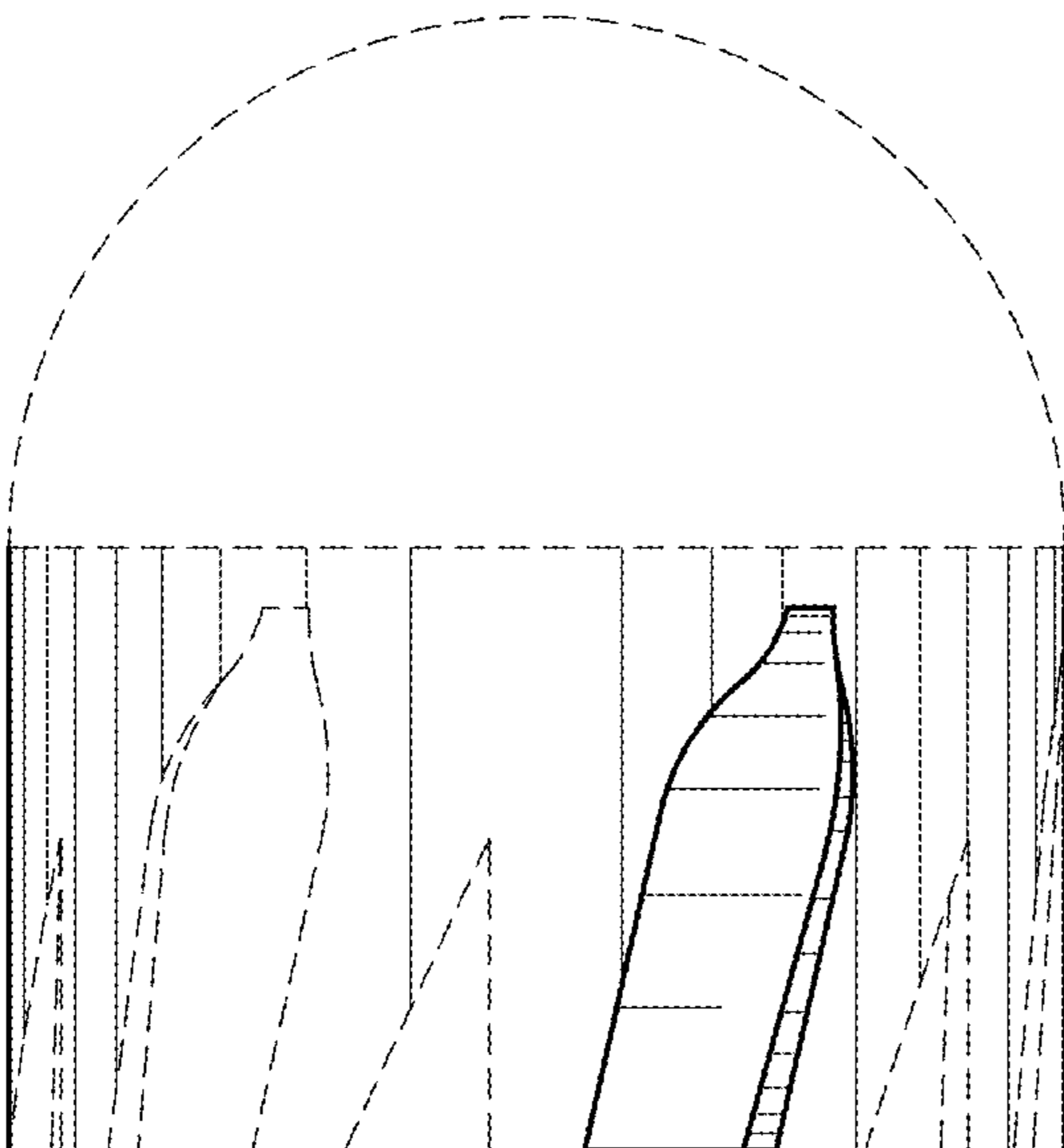


FIG. 4

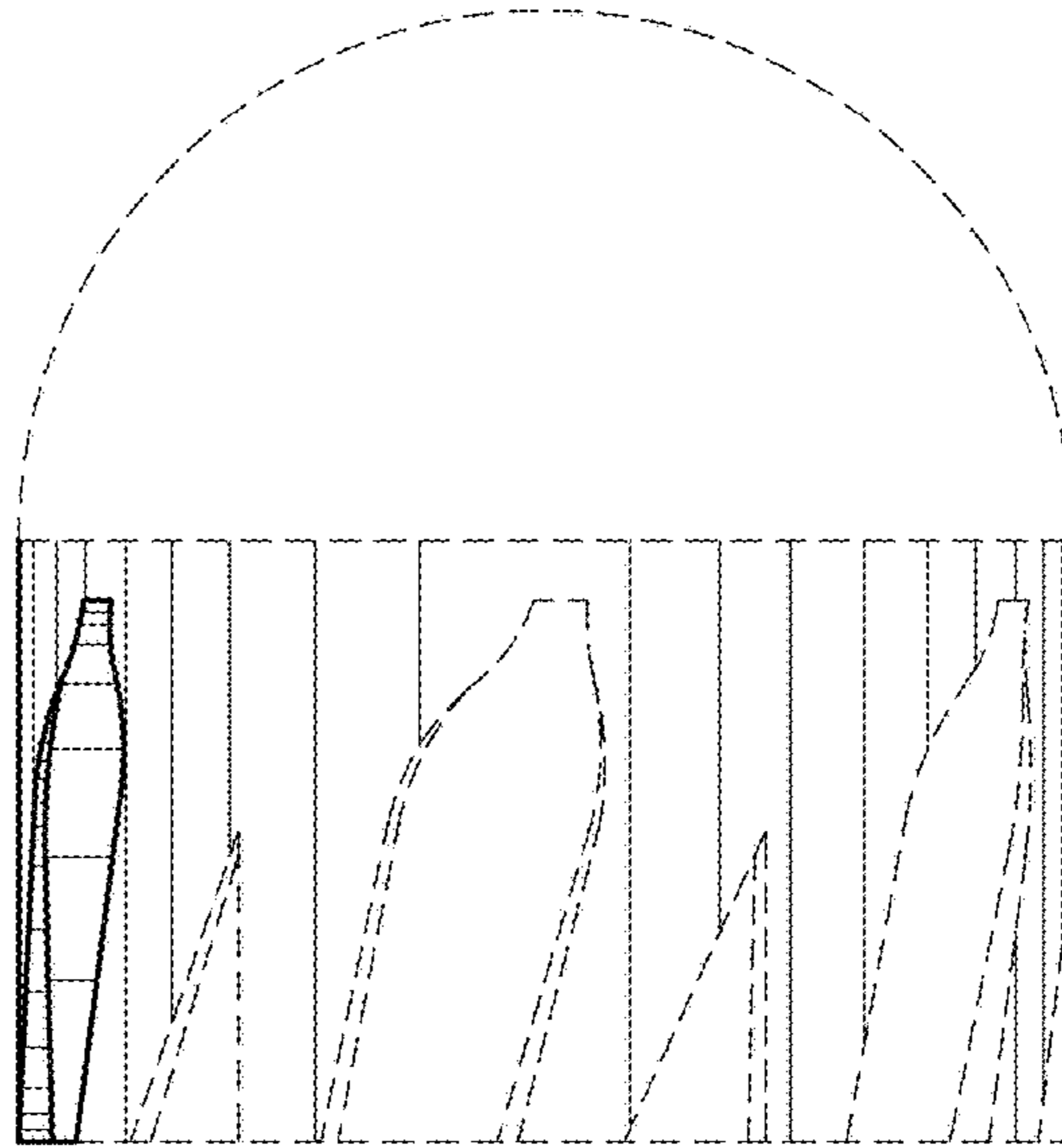


FIG. 5

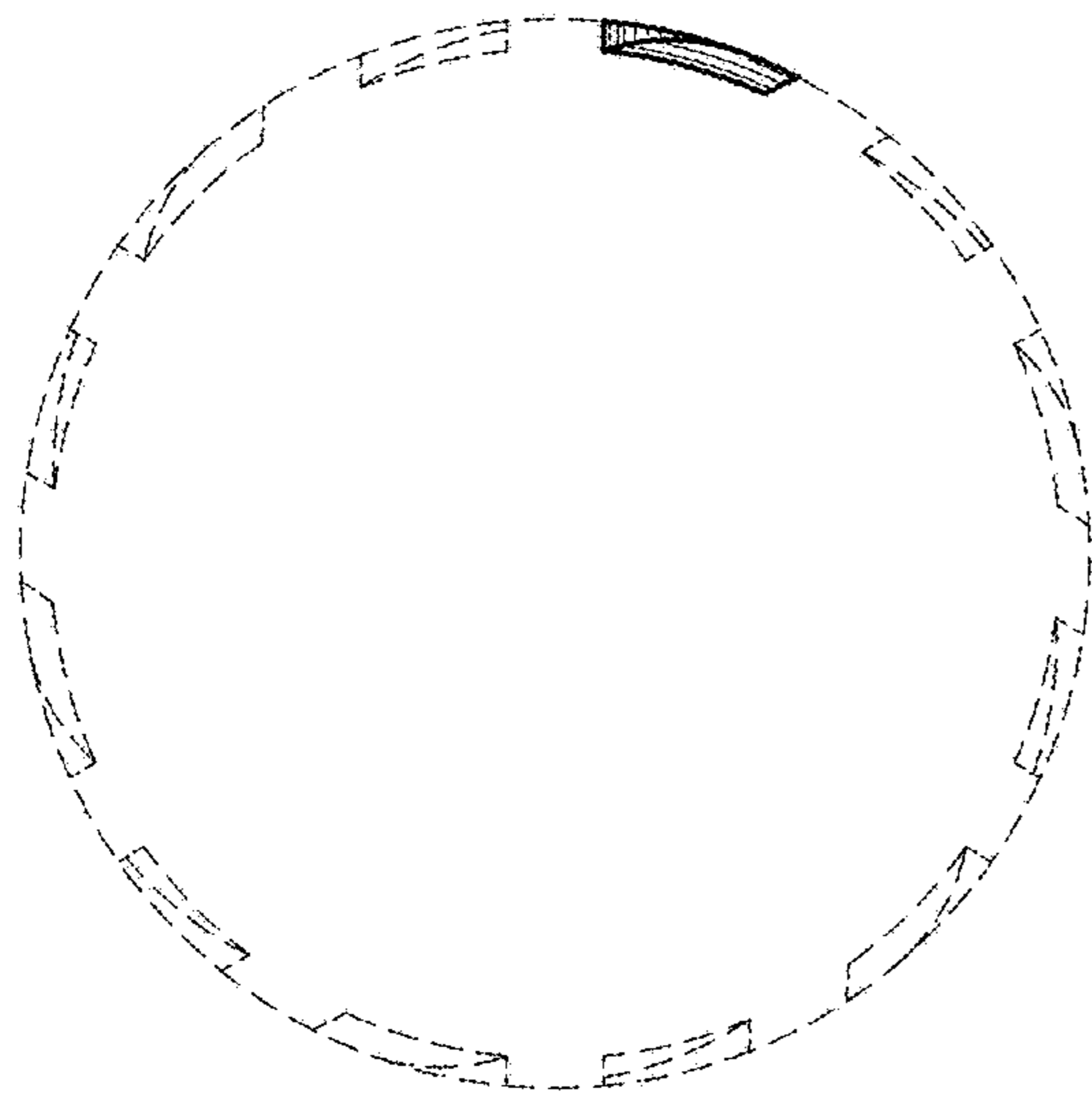


FIG. 6

