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Coushaine et al.

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(54) **LIGHT EMITTING DIODE BULB
CONNECTOR**

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

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Related U.S. Application Data

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Apr. 20, 2005, now Pat. No. 7,092,612, and a continu-
ation of application No. 11/058,304, filed on Feb. 16,
2005, now Pat. No. 7,110,656, and a continuation of
application No. 10/838,090, filed on May 3, 2004, now
Pat. No. 7,059,748, and a continuation of application
No. 10/830,261, filed on Apr. 22, 2004, now Pat. No.
7,075,224.

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/134**

(58) **Field of Classification Search** D13/123,
D13/133, 134, 136, 179; 165/80.3, 104.33,
165/151, 122, 185; 257/706, 707, 718-722;
361/687, 695, 697, 700, 702, 704, 709, 710,
361/711, 719; 362/294

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D423,453 S * 4/2000 Tremaglio et al. D13/125
6,682,211 B2 1/2004 English et al.
6,773,138 B2 8/2004 Coushaine

6,955,451 B2	10/2005	Coushaine et al.	
6,991,355 B1	1/2006	Coushaine et al.	
7,008,095 B2	3/2006	Coushaine et al.	
7,052,166 B2 *	5/2006	Tessnow	362/647
7,093,958 B2	8/2006	Coushaine	
7,111,971 B2 *	9/2006	Coushaine et al.	362/545
7,166,955 B2 *	1/2007	Coushaine et al.	313/46
7,186,010 B2 *	3/2007	Coushaine et al.	362/547
D573,111 S *	7/2008	Liu et al.	D13/179
2005/0047145 A1 *	3/2005	Coushaine et al.	362/294
2005/0243559 A1 *	11/2005	Coushaine et al.	362/294
2006/0126328 A1 *	6/2006	Coushaine	362/247
2007/0047251 A1 *	3/2007	Sanroma et al.	362/545

* cited by examiner

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Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for a light emitting diode bulb con-
nector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a light emitting diode bulb
connector showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

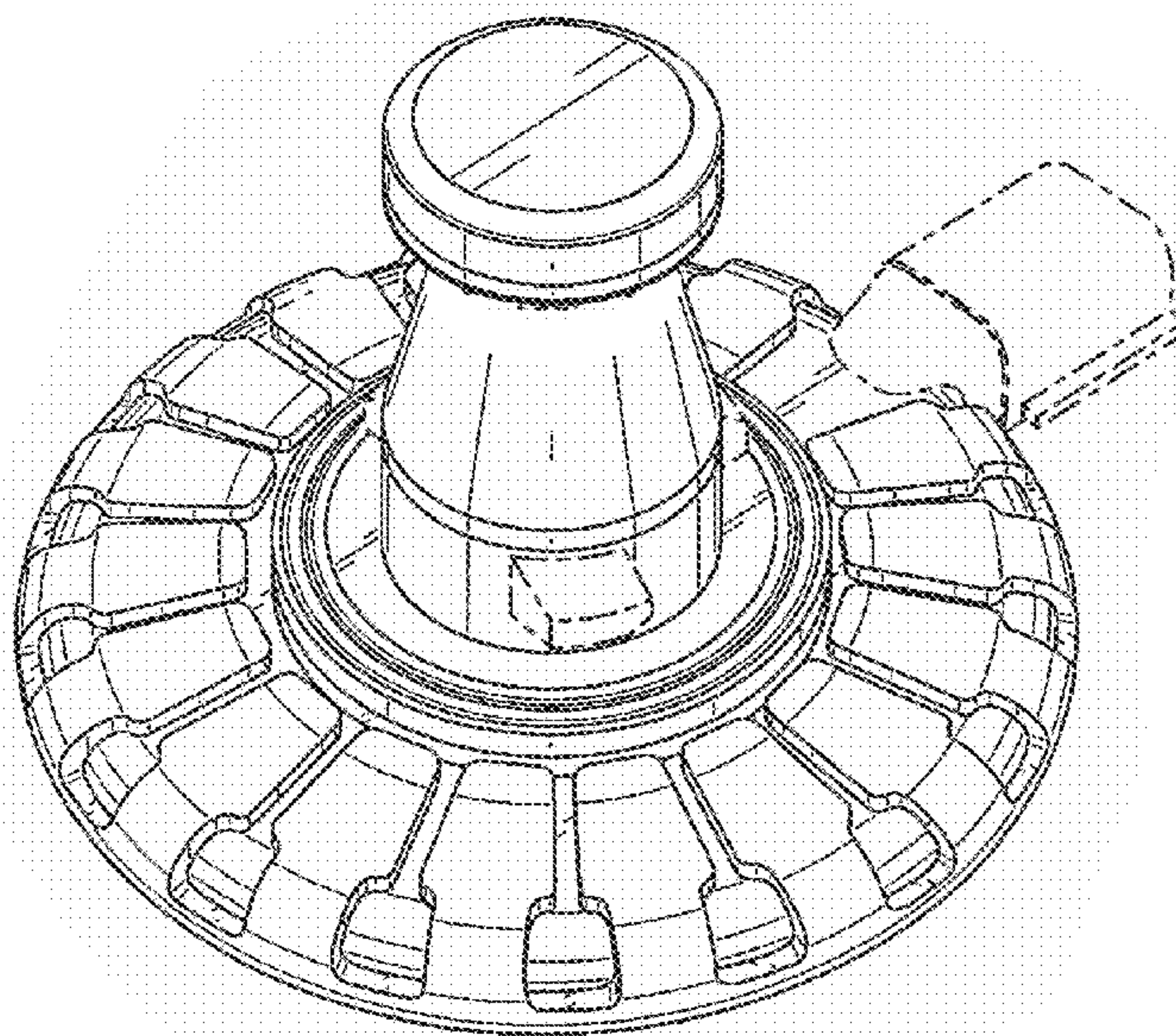
FIG. 4 is a right side view thereof;

FIG. 5 is a left side view thereof; and,

FIG. 6 is a top view thereof.

The broken lines shown in the figures are environmental only
and form no part of the claimed design. The inventors reserve
the right to claim any part, portion, element or combination
thereof of the disclosed design.

1 Claim, 4 Drawing Sheets



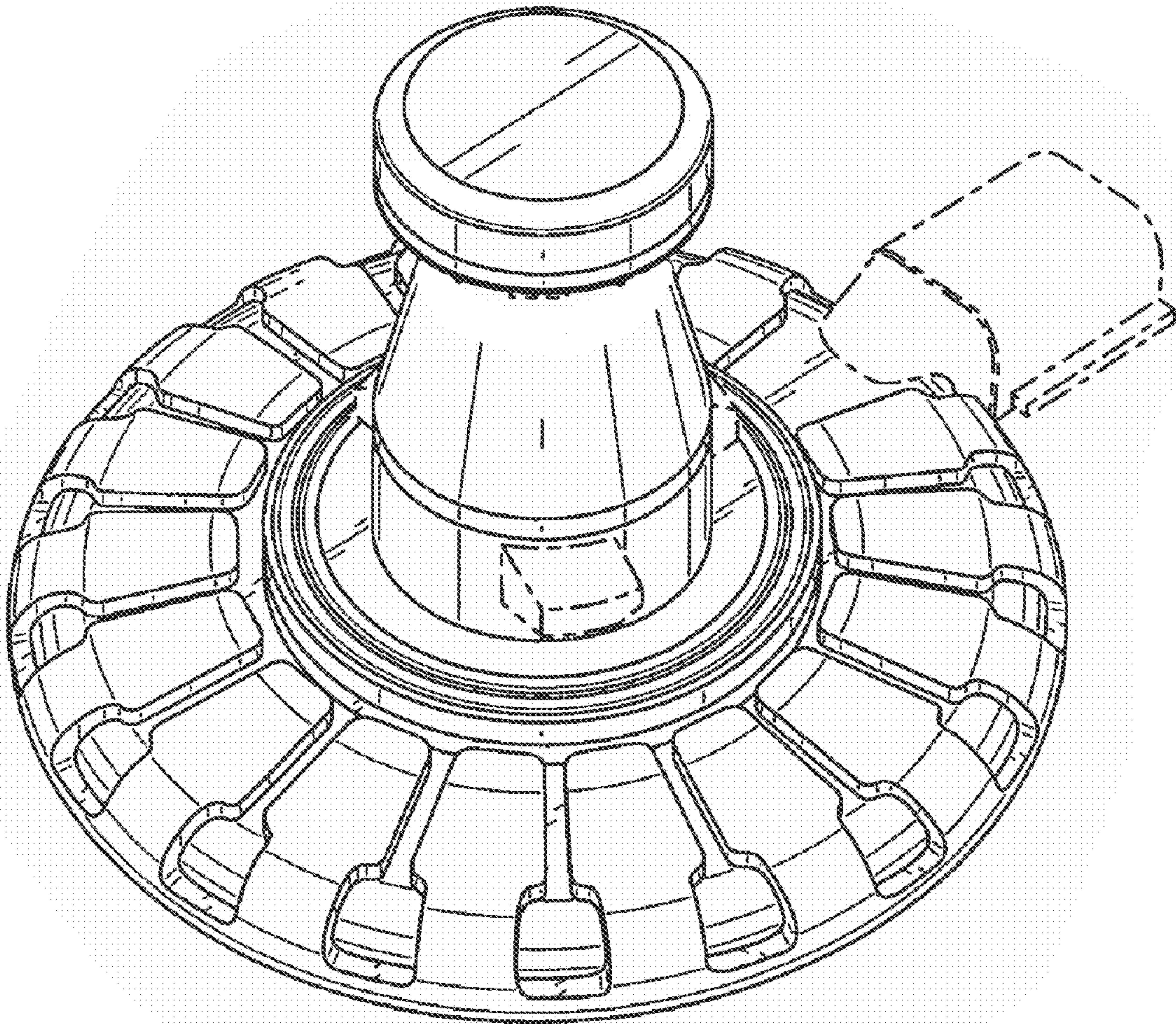


FIG. 1

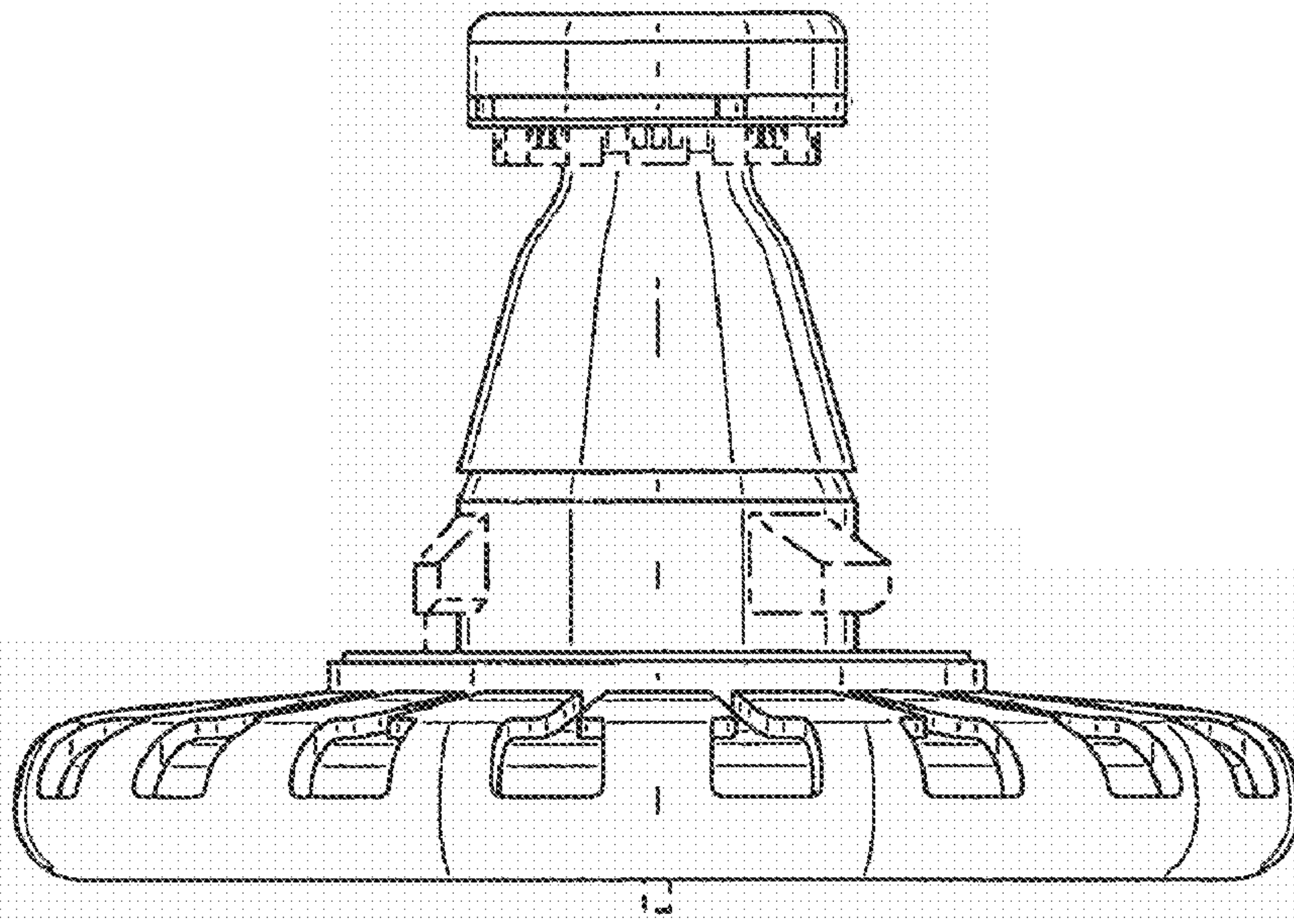


FIG. 2

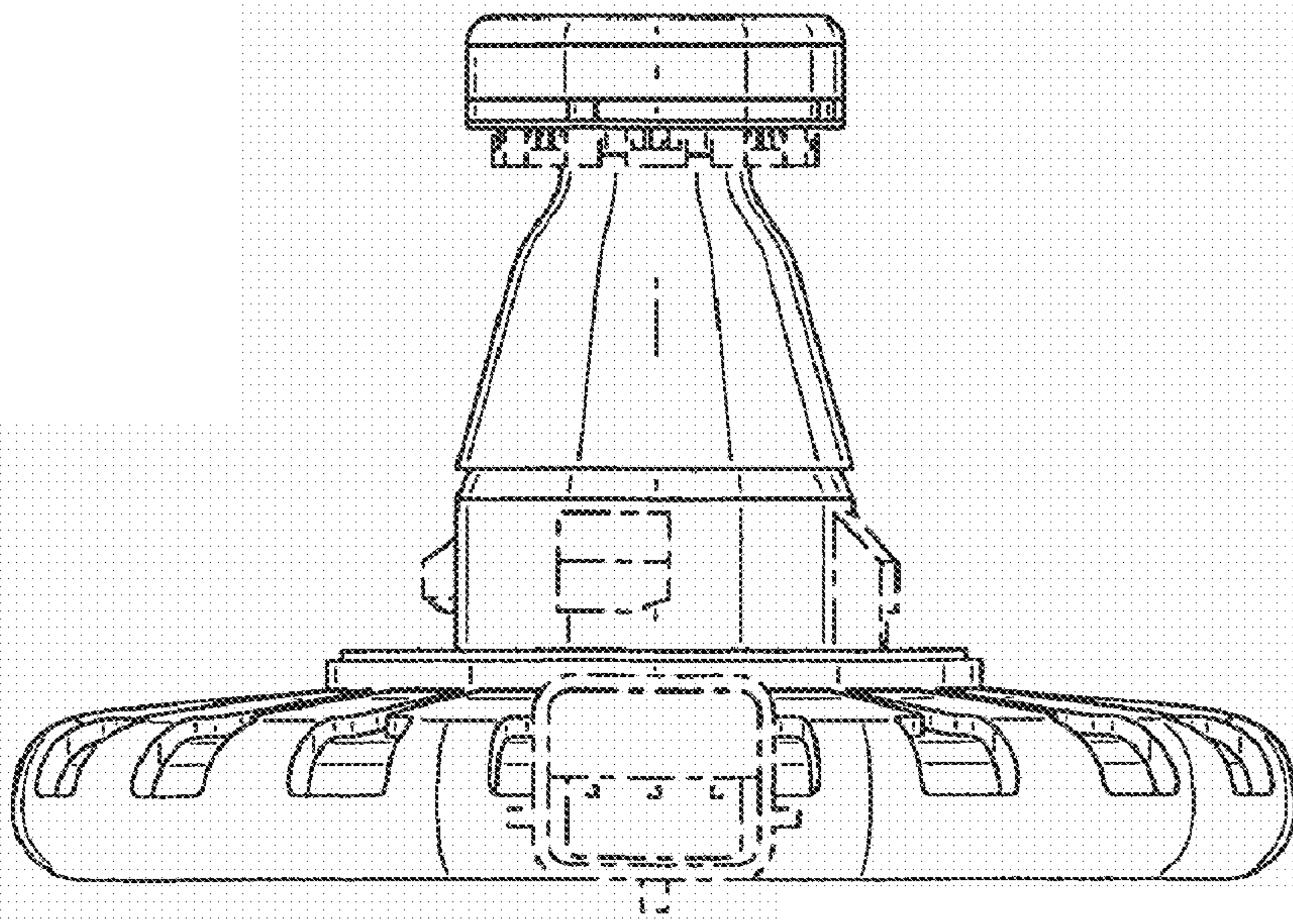


FIG. 3

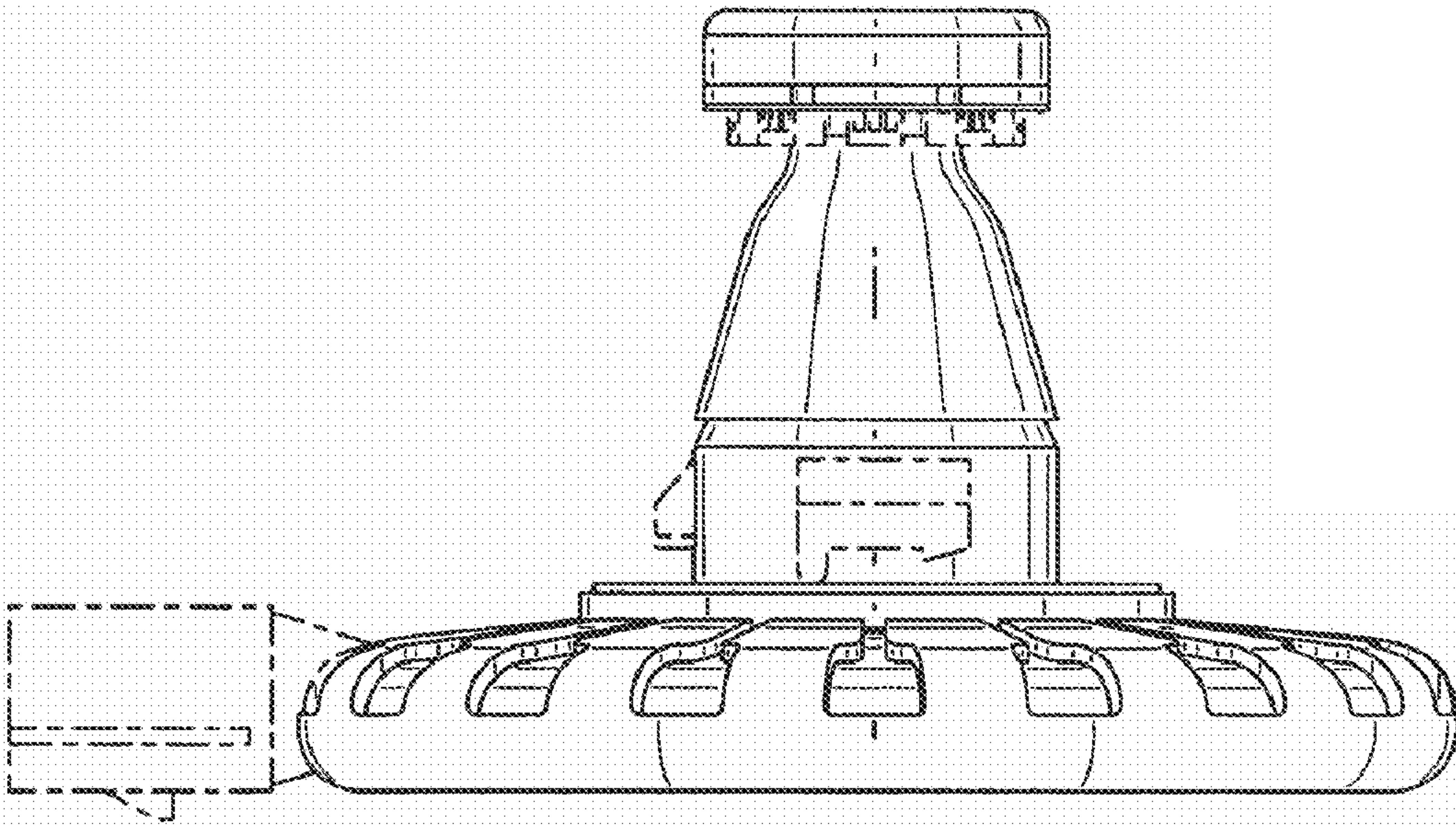


FIG. 4

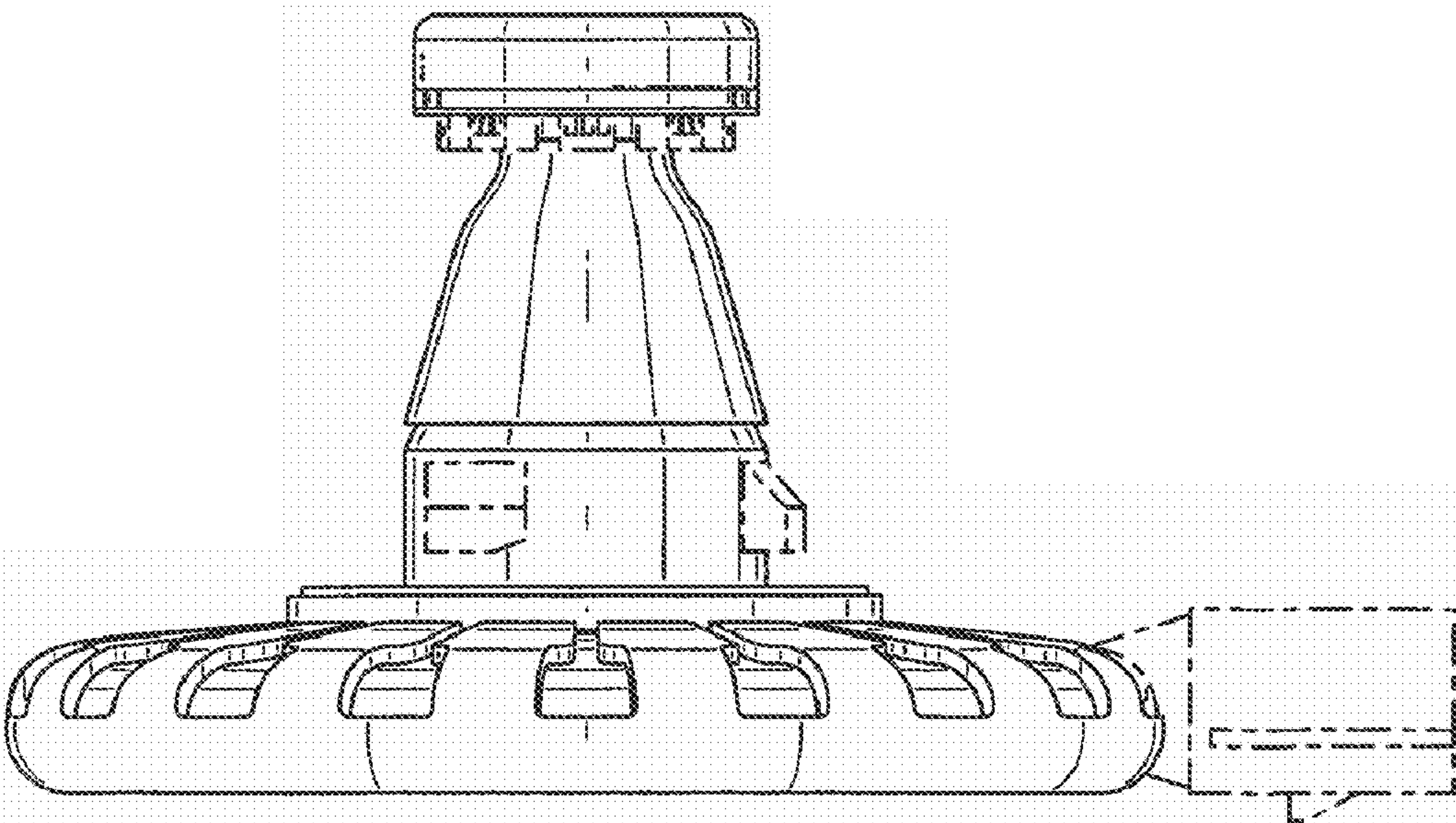


FIG. 5

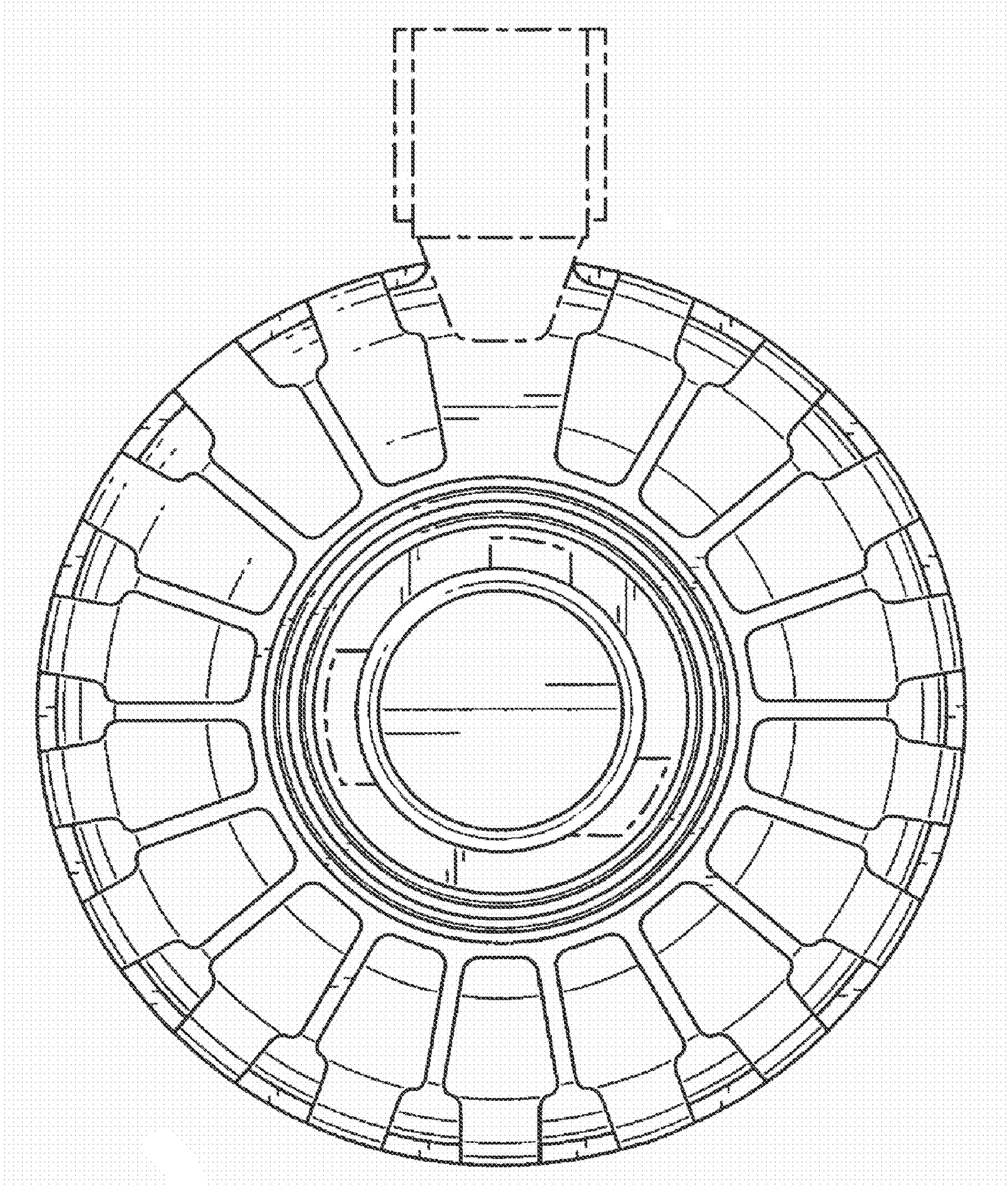


FIG. 6