



US00D840186S

(12) **United States Design Patent** (10) **Patent No.:** **US D840,186 S**
Gunia et al. (45) **Date of Patent:** **** Feb. 12, 2019**

(54) **MIXING BOTTLE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **SudSense, LLC**, Miami, FL (US)

DE 10 2011 081 010 10/2014
WO WO 2016/133768 8/2016

(72) Inventors: **Nicholas Alexander Gunia**, Miami, FL (US); **Matthew Karl Gunia**, Miami, FL (US); **Mark Kurt Gunia**, Miami, FL (US); **Todd Alan Strobel**, Boca Raton, FL (US); **Joel Raymond Chartier**, Sarasota, FL (US); **Matthew William Vergin**, Sarasota, FL (US)

OTHER PUBLICATIONS

Nestlé, “Nestlé launches BabyNes, the first comprehensive nutrition system for babies, in Switzerland”, [http://www.nestle.com/media/newsandfeatures/nestle-launches-babynes-first-comprehensi . . .](http://www.nestle.com/media/newsandfeatures/nestle-launches-babynes-first-comprehensi...), downloaded Mar. 14, 2017.

(Continued)

(73) Assignee: **SudSense, LLC**, Miami, FL (US)

Primary Examiner — Ricky Pham

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

(74) *Attorney, Agent, or Firm* — Fish & Richardson P.C.

(21) Appl. No.: **29/645,333**

(57) **CLAIM**

(22) Filed: **Apr. 25, 2018**

The ornamental design for a mixing bottle, substantially as shown and described.

Related U.S. Application Data

DESCRIPTION

(63) Continuation of application No. 15/676,249, filed on Aug. 14, 2017, which is a continuation of application (Continued)

(51) **LOC (11) Cl.** **31-00**
(52) **U.S. Cl.**
USPC **D7/377; D7/376; D7/378; D7/412; D7/413**

(58) **Field of Classification Search**
USPC **D7/372, 376–386, 412–413, 602, 629, D7/665–666, 669, 679, 693–694; D9/500, 504, 558, 684**
(Continued)

FIG. 1 is a perspective view of a mixing bottle;
FIG. 2 is a front view of the mixing bottle of FIG. 1;
FIG. 3 is a back view of the mixing bottle of FIG. 1;
FIG. 4 is a right side view of the mixing bottle of FIG. 1;
FIG. 5 is a left side view of the mixing bottle of FIG. 1;
FIG. 6 is a top view of the mixing bottle of FIG. 1; and
FIG. 7 is a bottom view of the mixing bottle of FIG. 1.
FIG. 8 is a perspective view of a mixing bottle;
FIG. 9 is a front view of the mixing bottle of FIG. 8;
FIG. 10 is a back view of the mixing bottle of FIG. 8;
FIG. 11 is a right side view of the mixing bottle of FIG. 8;
FIG. 12 is a left side view of the mixing bottle of FIG. 8;
FIG. 13 is a top view of the mixing bottle of FIG. 8; and
FIG. 14 is a bottom view of the mixing bottle of FIG. 8.
FIG. 15 is a perspective view of a mixing bottle;
FIG. 16 is a front view of the mixing bottle of FIG. 15;
FIG. 17 is a back view of the mixing bottle of FIG. 15;
FIG. 18 is a right side view of the mixing bottle of FIG. 15;
FIG. 19 is a left side view of the mixing bottle of FIG. 15;
FIG. 20 is a top view of the mixing bottle of FIG. 15; and
FIG. 21 is a bottom view of the mixing bottle of FIG. 15.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D270,238 S * 8/1983 Vilval D9/447
5,636,923 A * 6/1997 Nejat-Bina B01F 7/00908
241/74

(Continued)

(Continued)

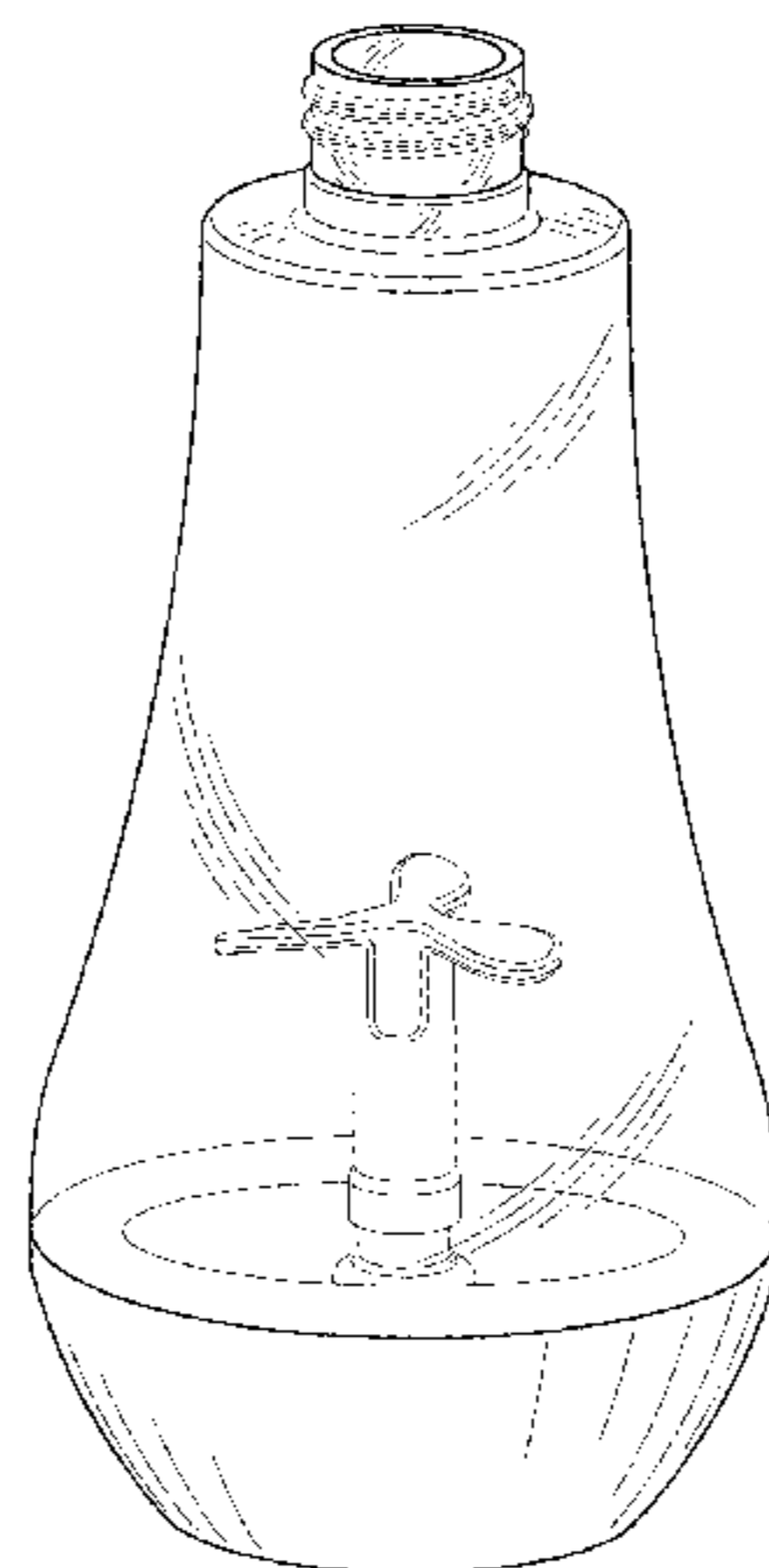


FIG. 22 is a perspective view of a mixing bottle;
 FIG. 23 is a front view of the mixing bottle of FIG. 22;
 FIG. 24 is a back view of the mixing bottle of FIG. 22;
 FIG. 25 is a right side view of the mixing bottle of FIG. 22;
 FIG. 26 is a left side view of the mixing bottle of FIG. 22;
 FIG. 27 is a top view of the mixing bottle of FIG. 22; and
 FIG. 28 is a bottom view of the mixing bottle of FIG. 22.
 FIG. 29 is a perspective view of a mixing bottle;
 FIG. 30 is a front view of the mixing bottle of FIG. 29;
 FIG. 31 is a back view of the mixing bottle of FIG. 29;
 FIG. 32 is a right side view of the mixing bottle of FIG. 29;
 FIG. 33 is a left side view of the mixing bottle of FIG. 29;
 FIG. 34 is a top view of the mixing bottle of FIG. 29; and
 FIG. 35 is a bottom view of the mixing bottle of FIG. 29.
 FIG. 36 is a perspective view of a mixing bottle;
 FIG. 37 is a front view of the mixing bottle of FIG. 36;
 FIG. 38 is a back view of the mixing bottle of FIG. 36;
 FIG. 39 is a right side view of the mixing bottle of FIG. 36;
 FIG. 40 is a left side view of the mixing bottle of FIG. 36;
 FIG. 41 is a top view of the mixing bottle of FIG. 36; and,
 FIG. 42 is a bottom view of the mixing bottle of FIG. 36.
 The broken lines which define the bounds of the claimed design form no part thereof.

1 Claim, 24 Drawing Sheets

Related U.S. Application Data

No. 15/404,931, filed on Jan. 12, 2017, now Pat. No. 9,731,254.

(58) **Field of Classification Search**

CPC A21C 1/02; A21C 1/04; A23N 1/00; A23N 1/02; A47J 43/04; A47J 43/25; A47J 43/27; A47J 43/042; A47J 43/044; A47J 43/046; A47J 43/075; A47J 43/0722; A47J 43/0727; B01F 3/00; B01F 3/0807; B01F 3/0853; B01F 13/0059; B01F 13/0064; B01F 7/00908; B01F 7/1605; B02C 1/08; B02C 2/04; B02C 4/42; B02C 4/142; B02C 4/143; B02C 4/423; B02C 13/1835; B28C 5/10; B28C 5/12; B28C 5/14; B28C 5/16; A23G 9/12

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

5,797,313	A	8/1998	Rothley	
D404,312	S *	1/1999	Granai	D9/449
5,941,055	A	8/1999	Coates	
5,960,701	A	10/1999	Reese et al.	
D477,535	S *	7/2003	Thorpe	D28/76
7,077,290	B2	7/2006	Bethuy et al.	
D529,805	S *	10/2006	Cadena	D9/500
7,144,150	B2 *	12/2006	Farrell	B01F 7/1605 366/197
7,231,142	B1	6/2007	Leung et al.	
D563,238	S *	3/2008	Nevins	D9/684
D610,882	S *	3/2010	Jossem	D7/597
8,091,735	B2	1/2012	Girard et al.	
8,210,396	B2	7/2012	Girard et al.	
D665,620	S *	8/2012	Chapman	B01F 7/00908 D7/376
8,480,967	B2	7/2013	Zlatic et al.	
D687,259	S *	8/2013	Hauser	D7/376
D699,111	S *	2/2014	Jeong	B01F 3/0853 D9/504
8,960,999	B1	2/2015	Ochoa et al.	
9,022,642	B2	5/2015	Broome	
9,717,264	B2 *	8/2017	Herbert	A23G 9/12
9,731,254	B2 *	8/2017	Gunia	B01F 3/0853
2003/0116177	A1	6/2003	Appel et al.	
2005/0061156	A1	3/2005	Hart et al.	
2005/0217213	A1	10/2005	Lozinski et al.	
2006/0007781	A1	1/2006	Martin et al.	
2010/0133222	A1	6/2010	Mathieu	
2011/0036452	A1	2/2011	Schnyder	
2013/0319034	A1	12/2013	Kounlavong et al.	
2014/0291426	A1	10/2014	Herbert	
2014/0373722	A1	12/2014	Talon et al.	
2015/0201791	A1	7/2015	Tinkler et al.	
2015/0265107	A1	9/2015	Buckalter et al.	
2017/0143158	A1	5/2017	Nachawati	

OTHER PUBLICATIONS

Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration issued in International Application No. PCT/US2017/013182 dated Apr. 3, 2017, 12 pages.

* cited by examiner

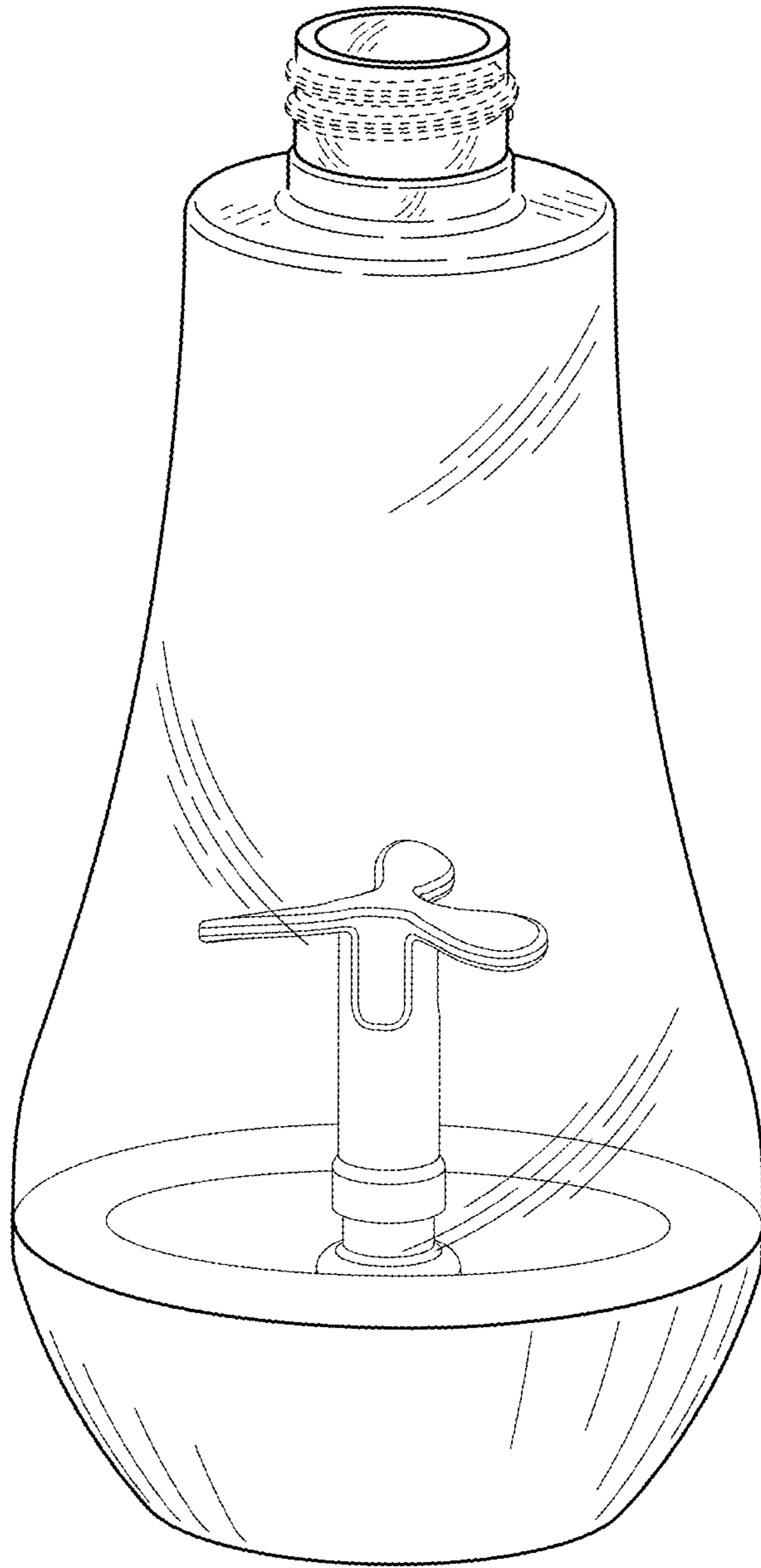


FIG. 1

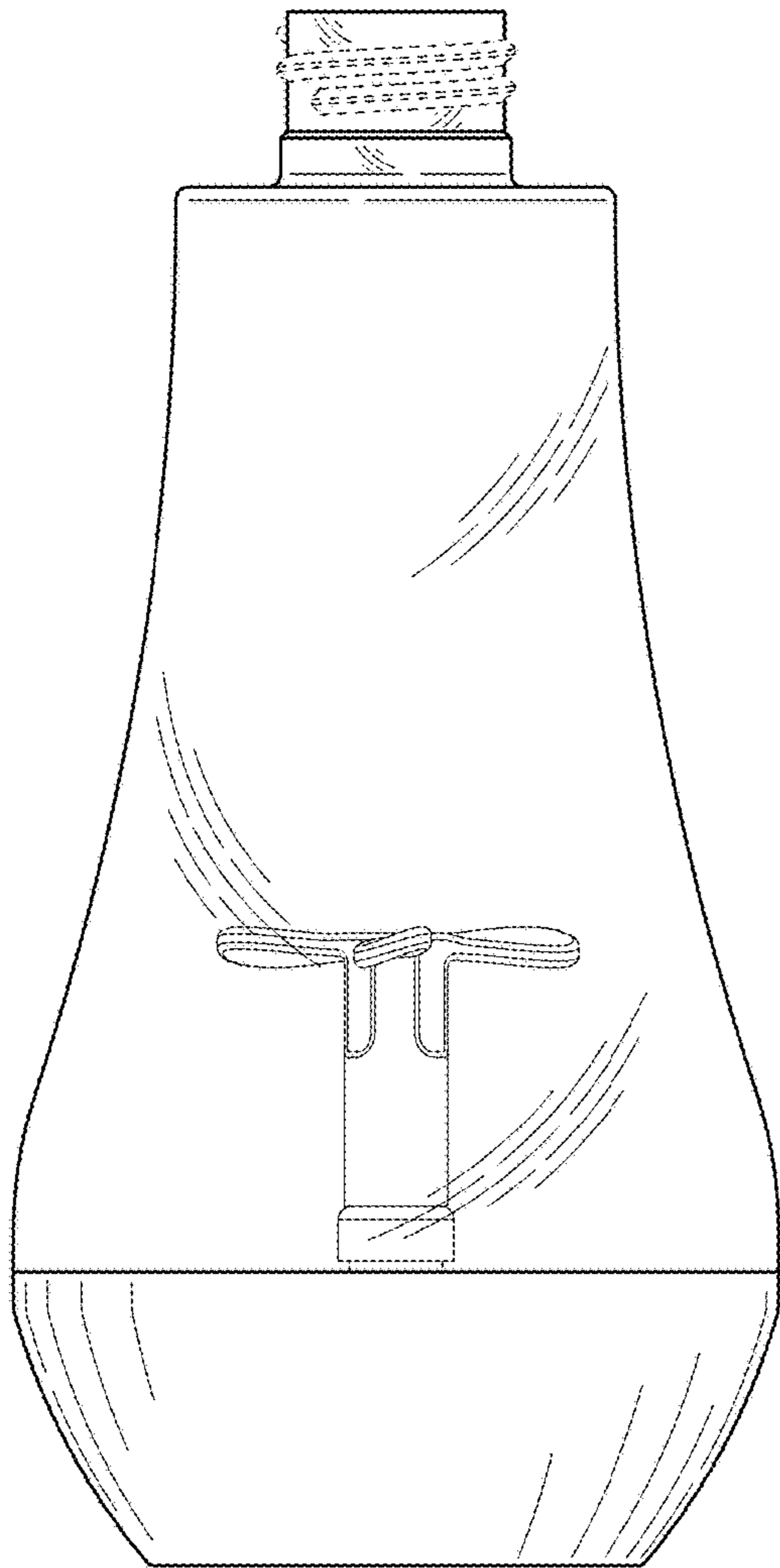


FIG. 2

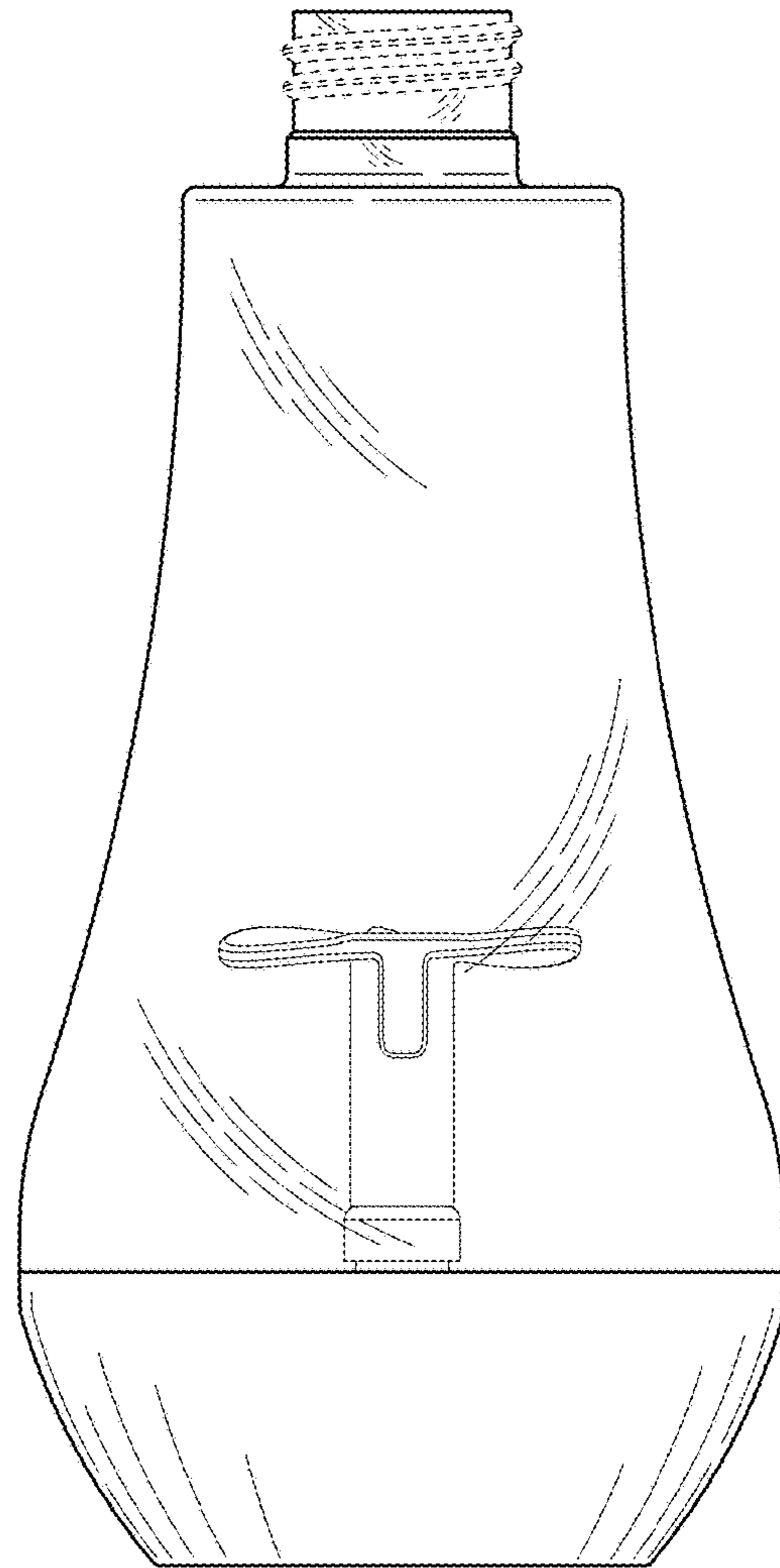


FIG. 3

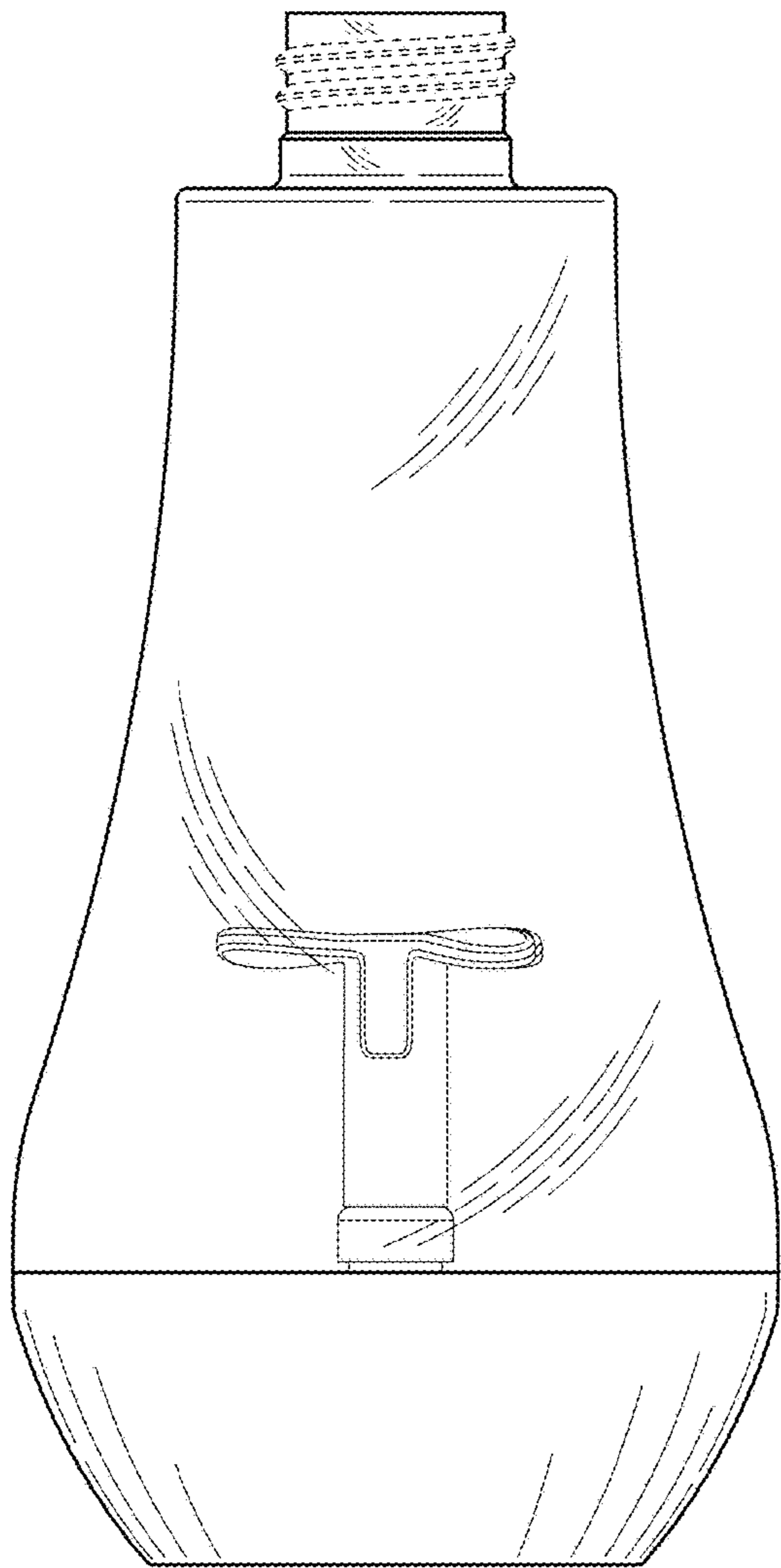


FIG. 4

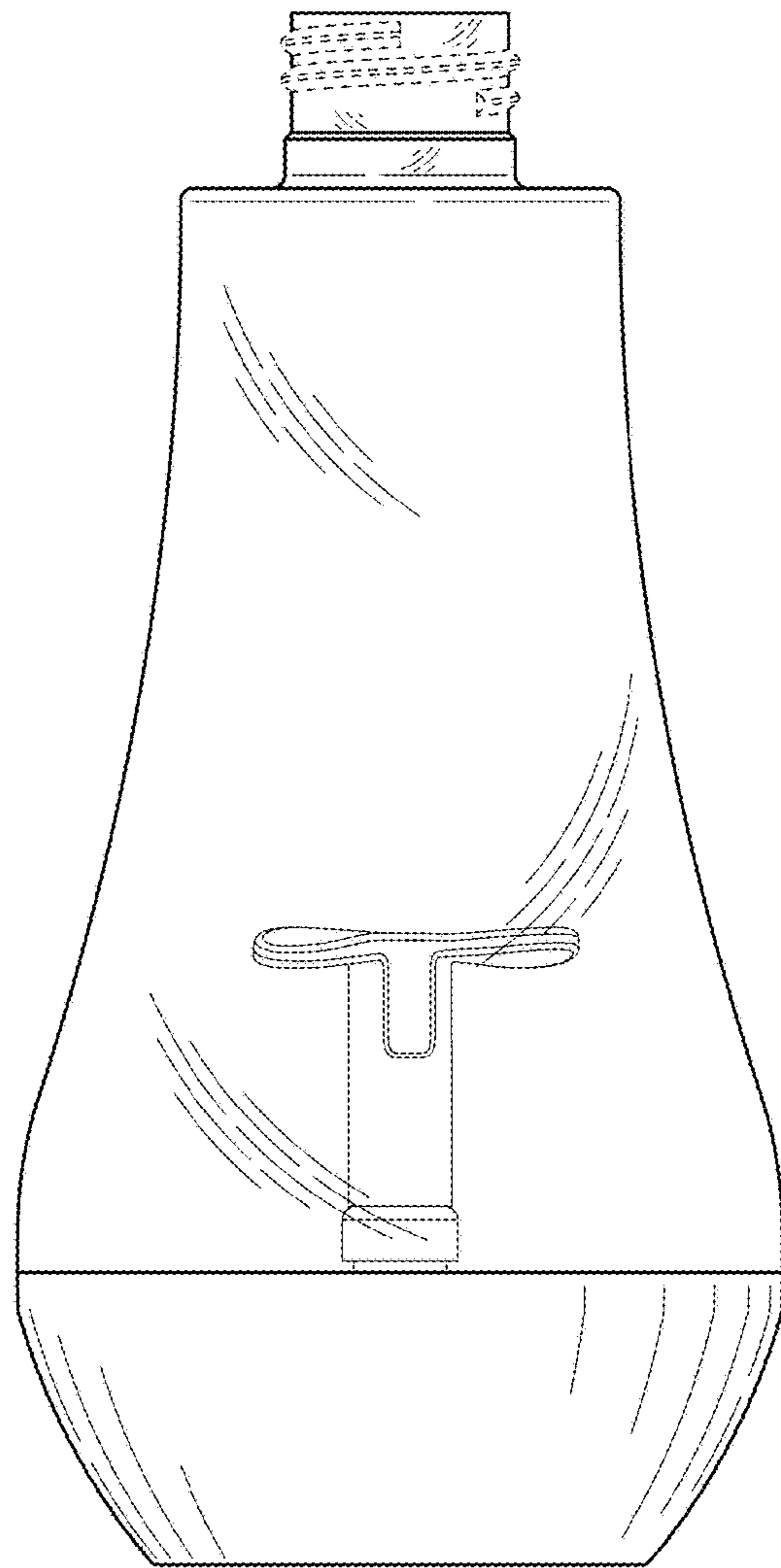


FIG. 5

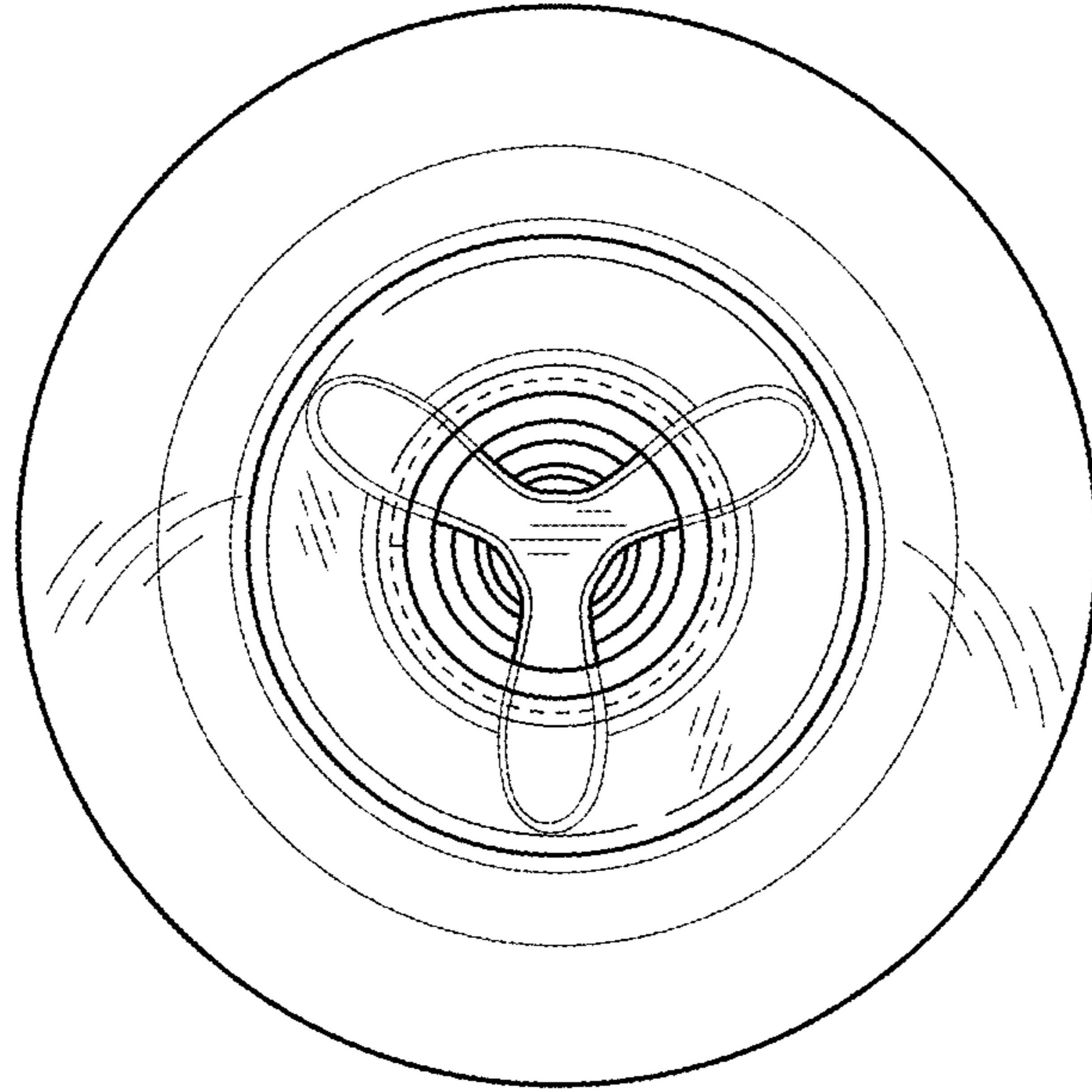


FIG. 6

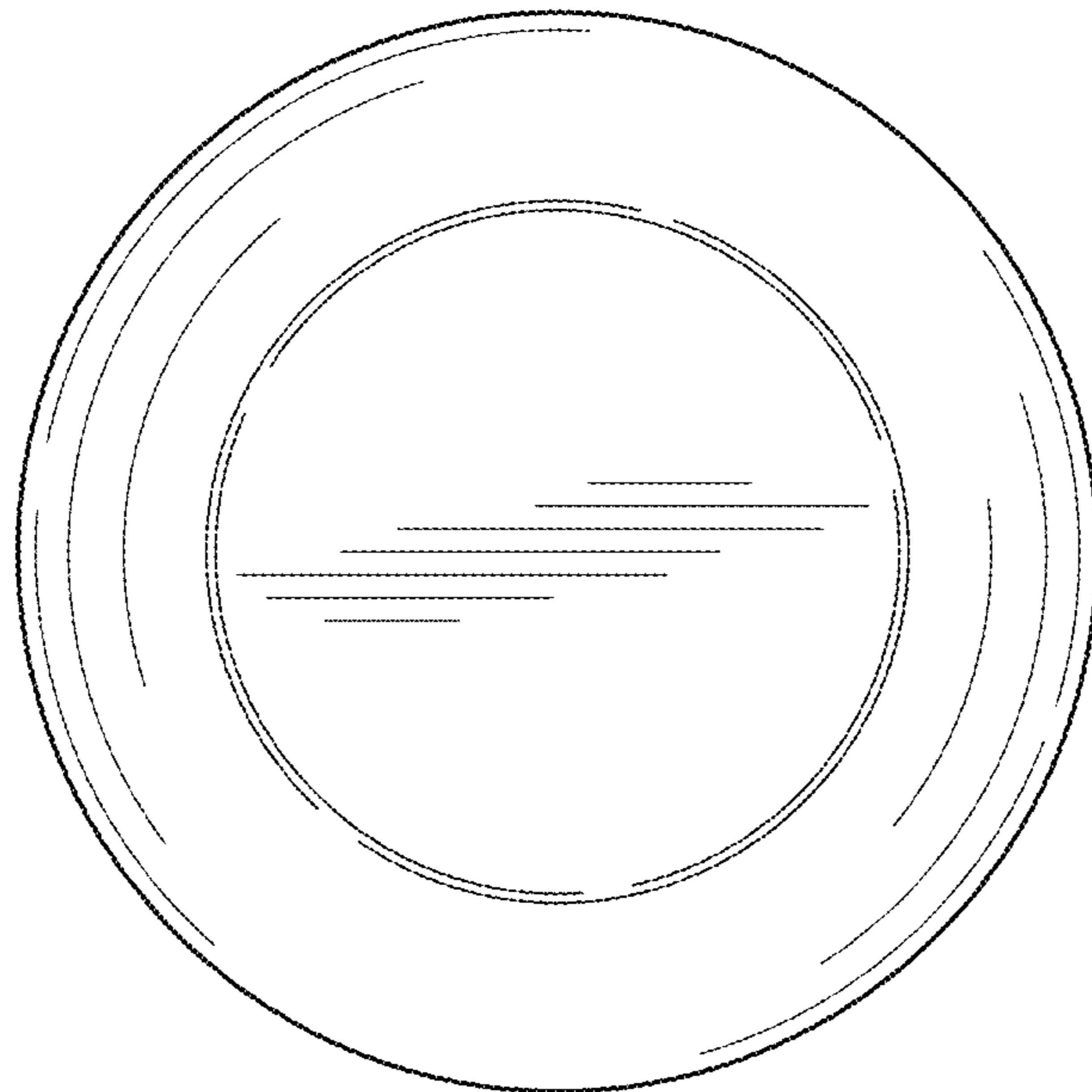


FIG. 7

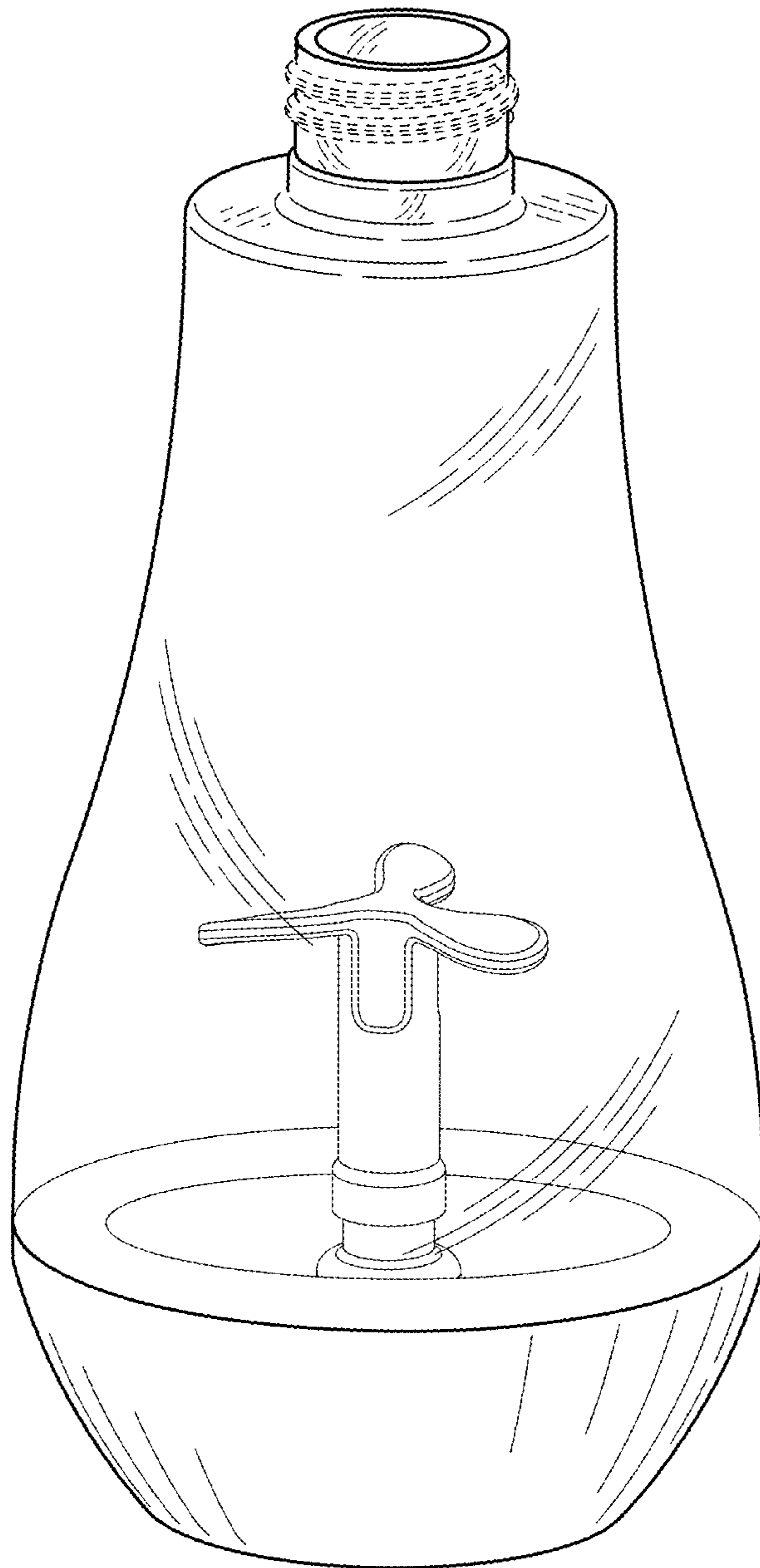


FIG. 8

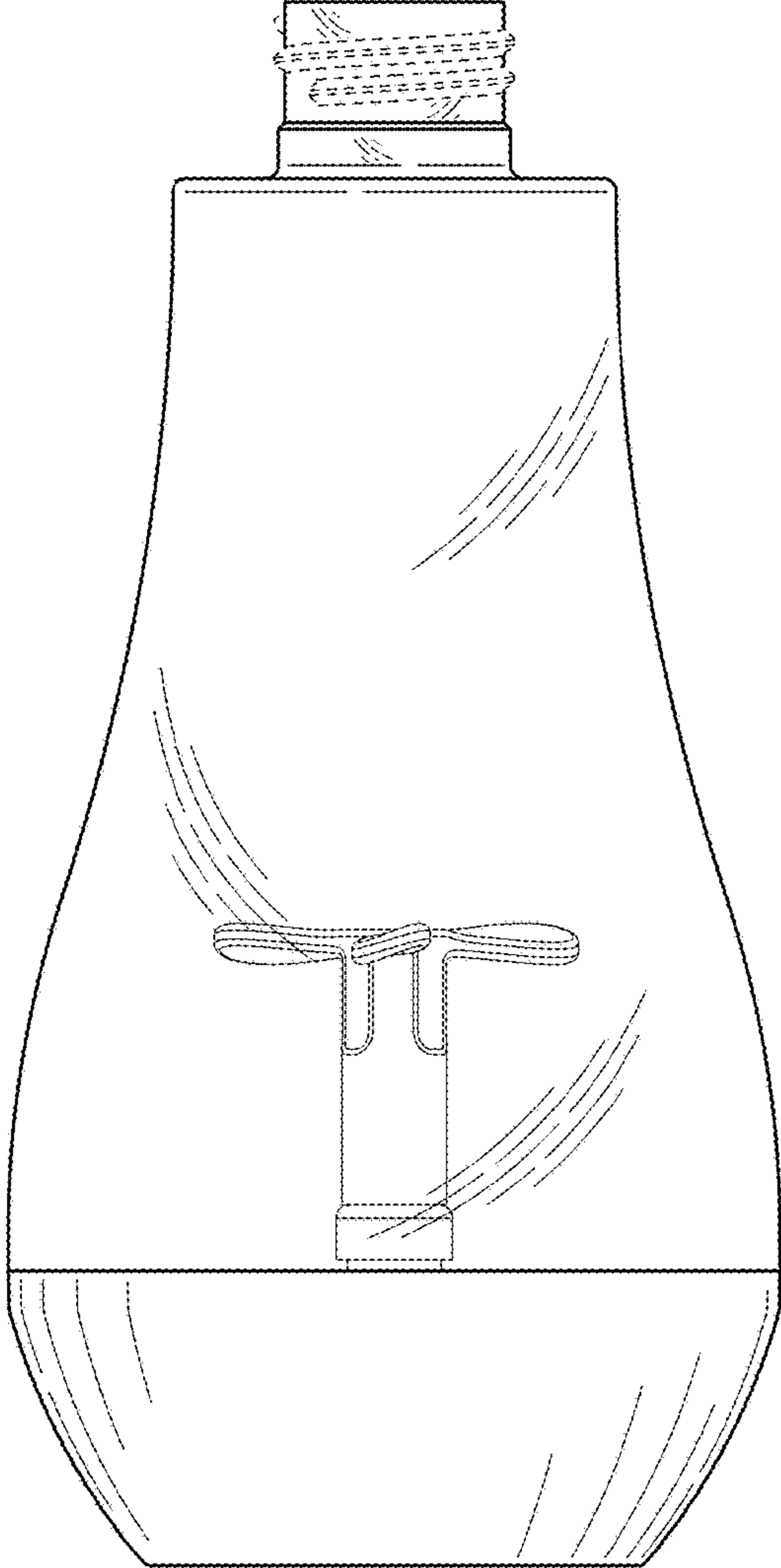


FIG. 9

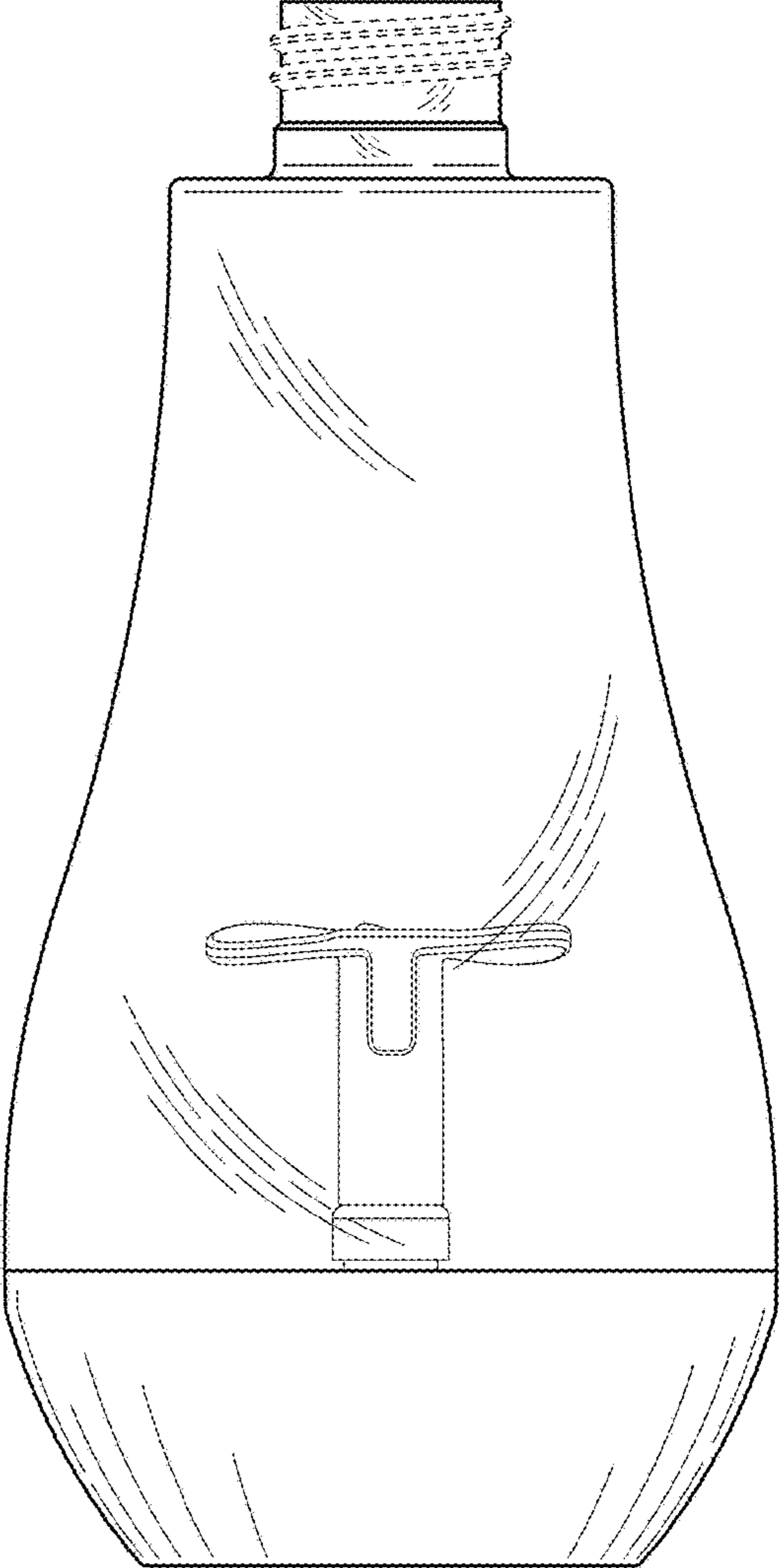


FIG. 10

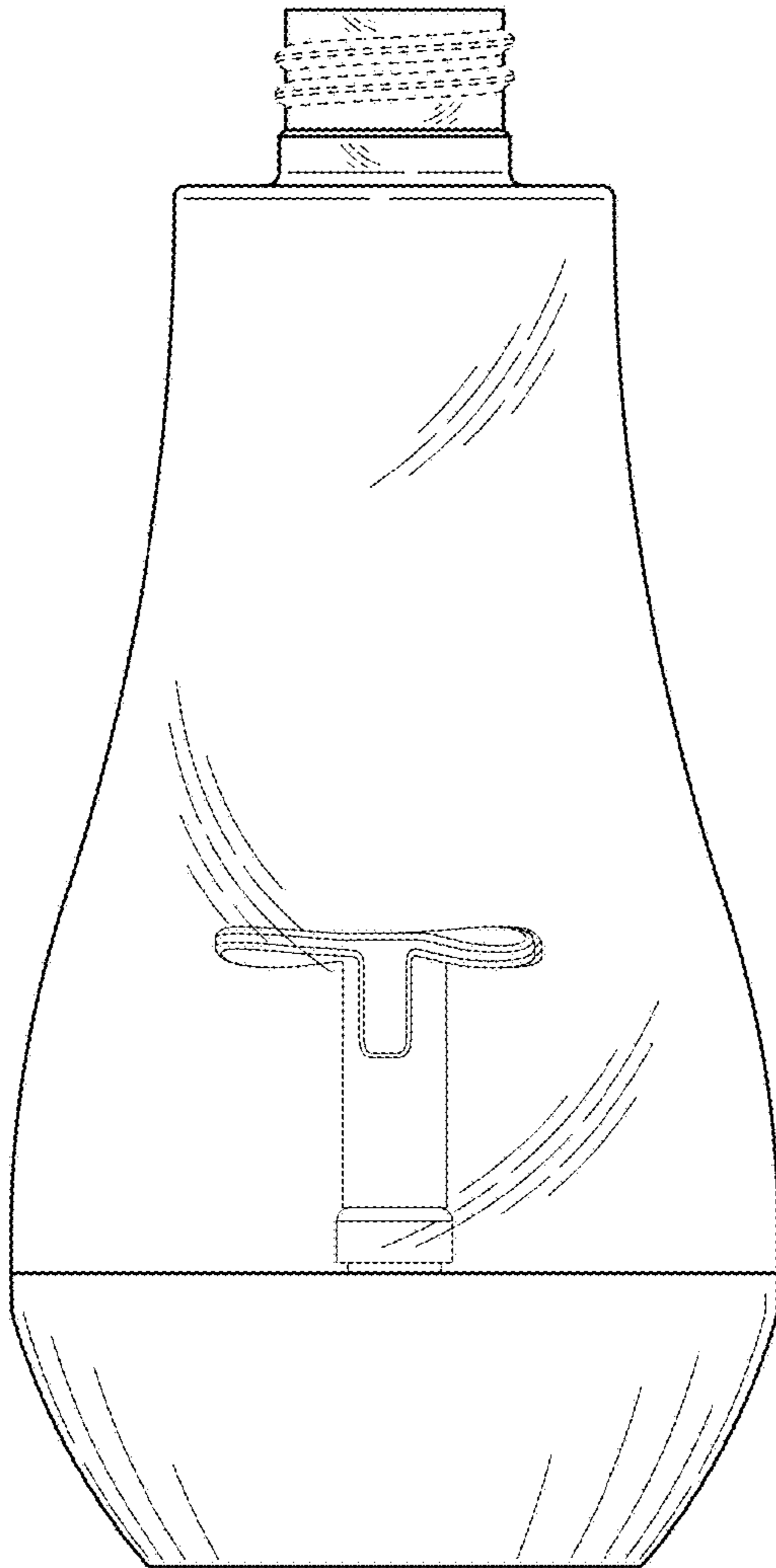


FIG. 11

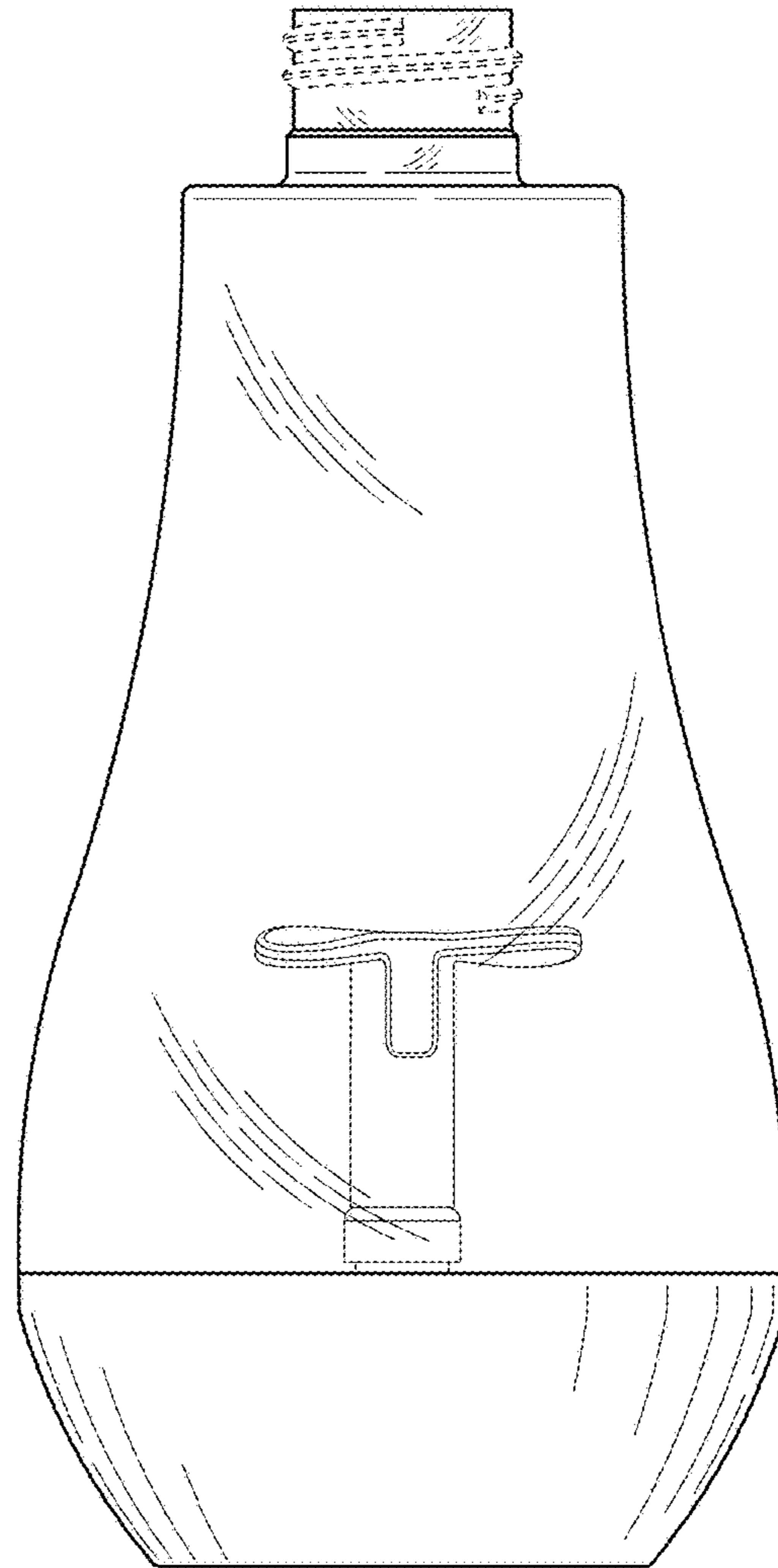


FIG. 12

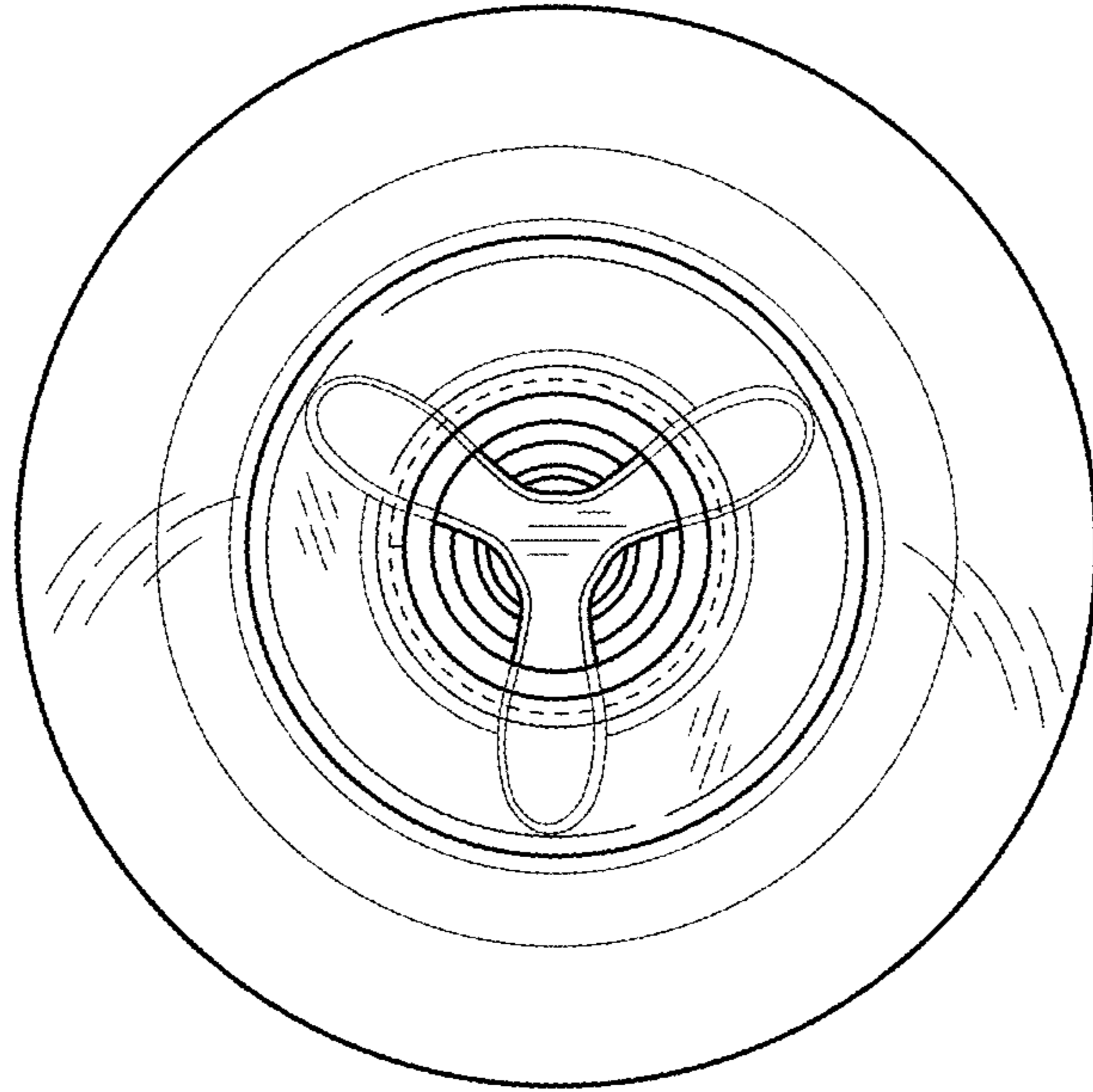


FIG. 13

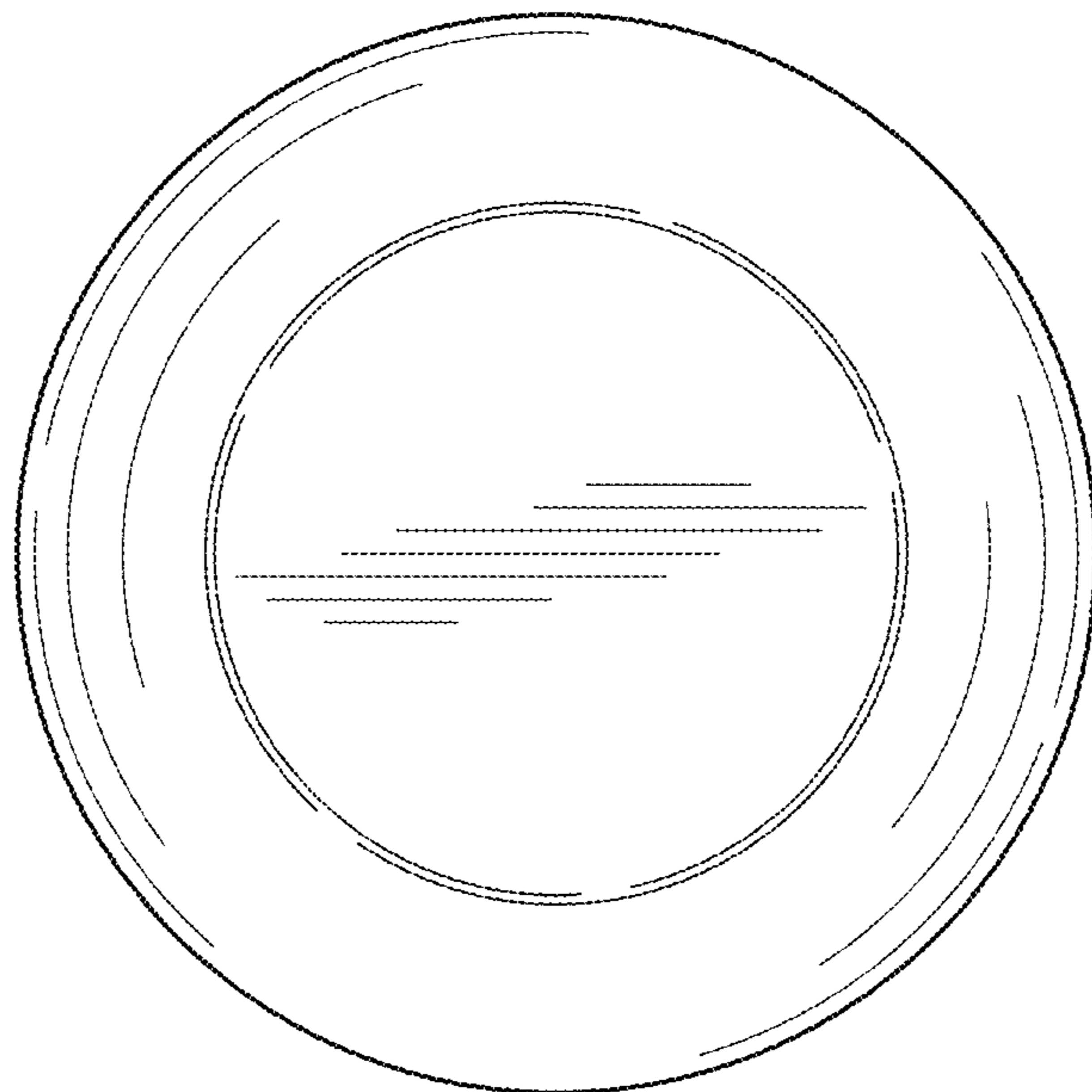


FIG. 14

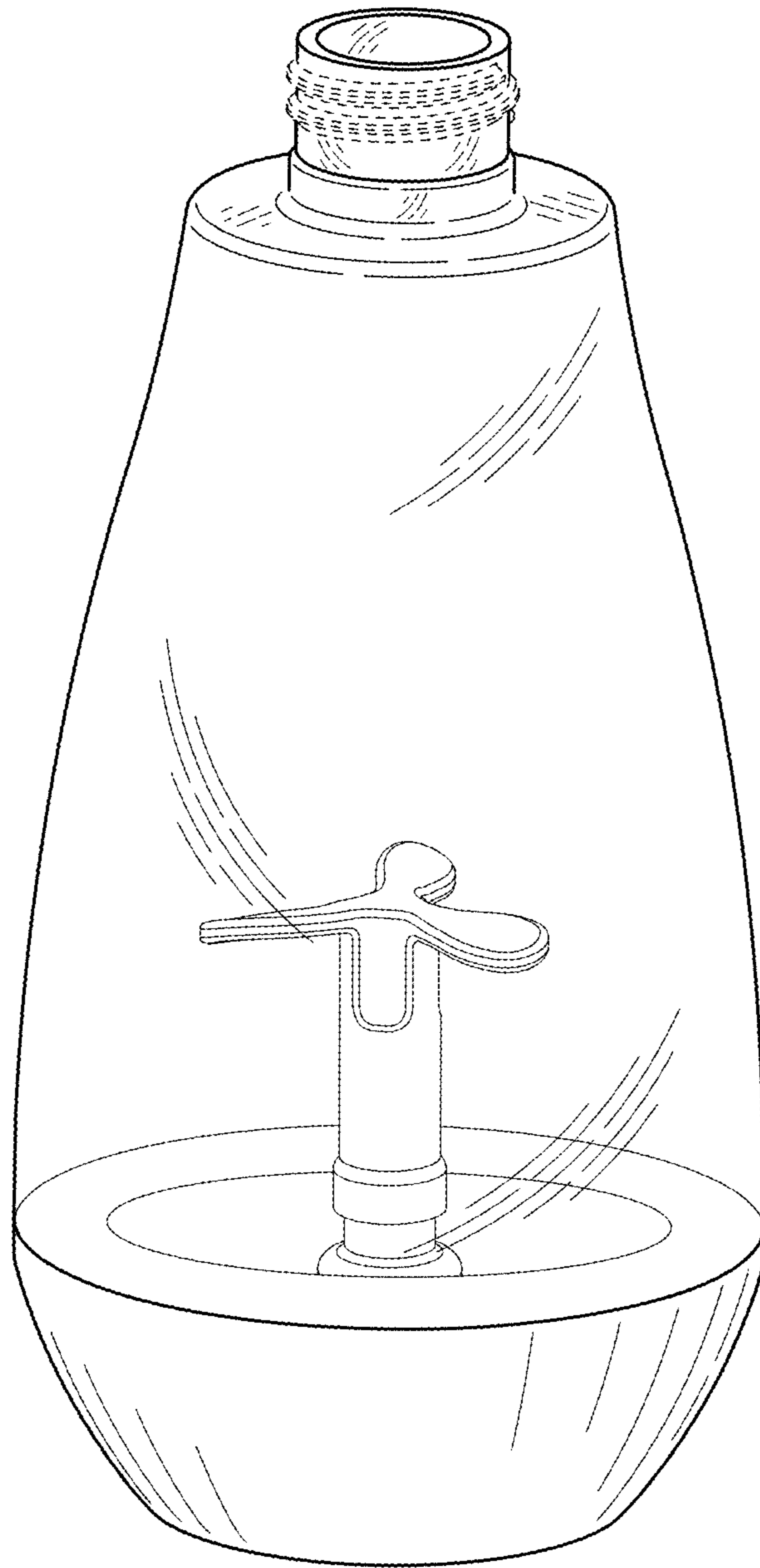


FIG. 15

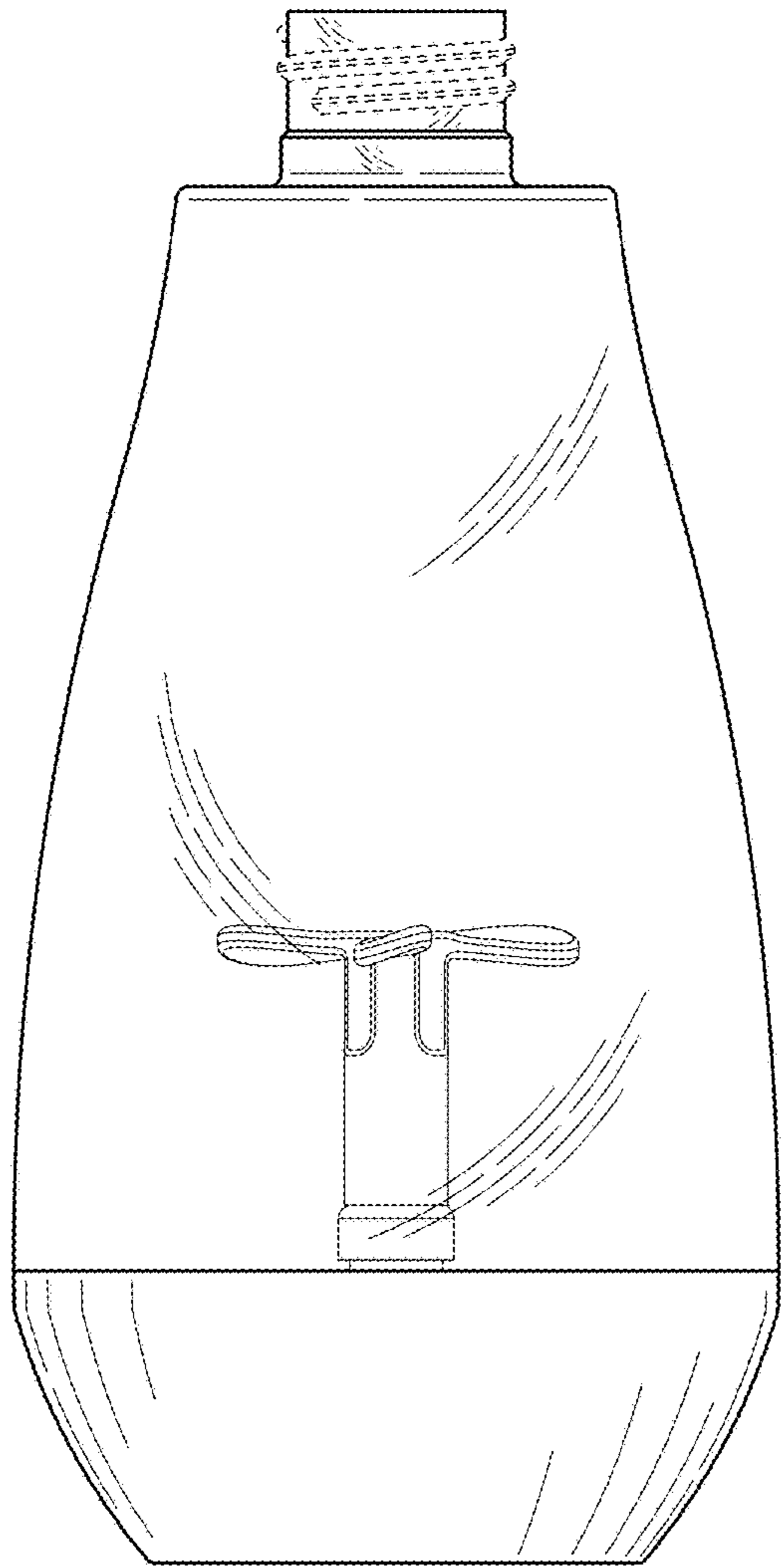


FIG. 16

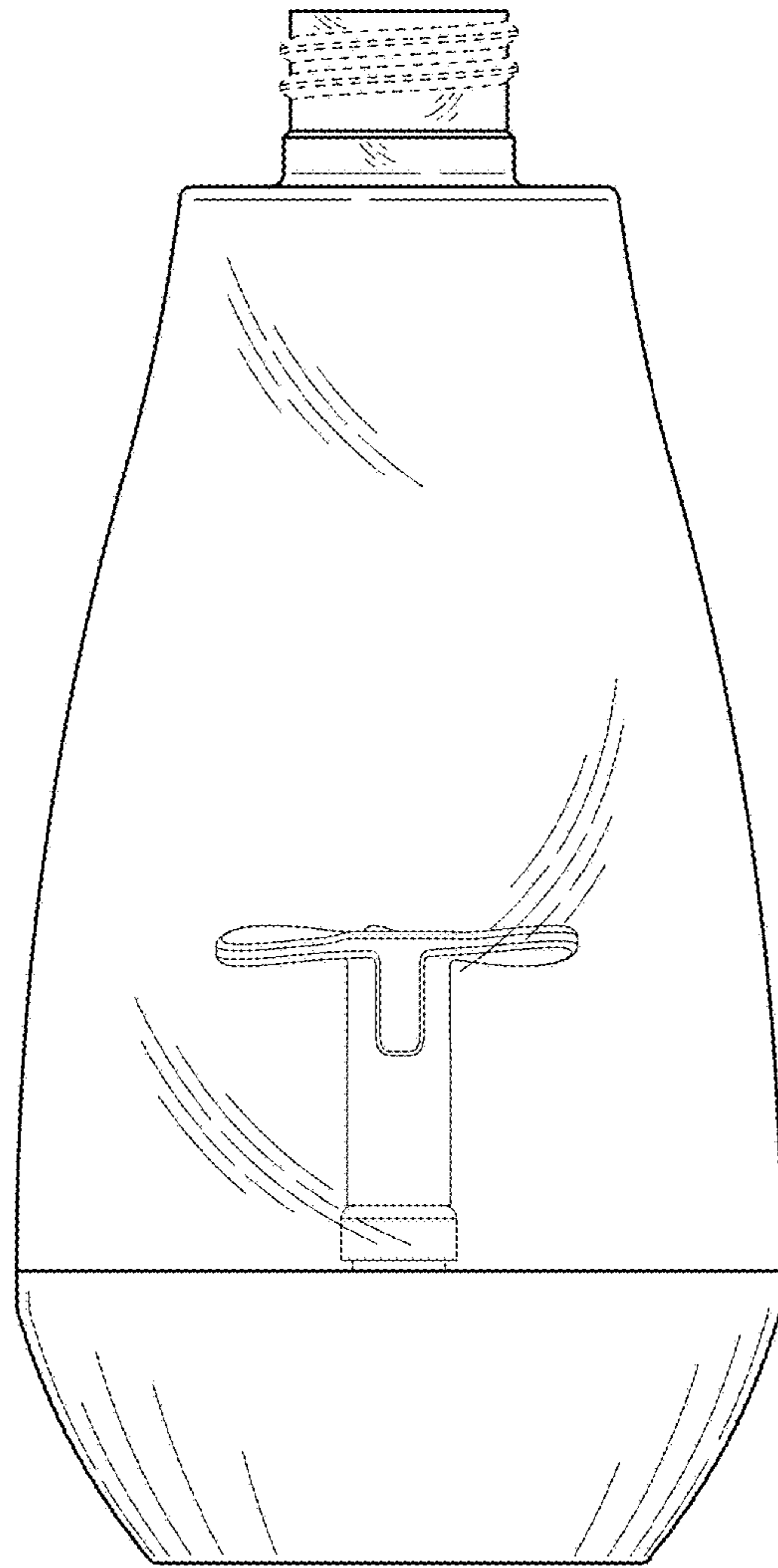


FIG. 17

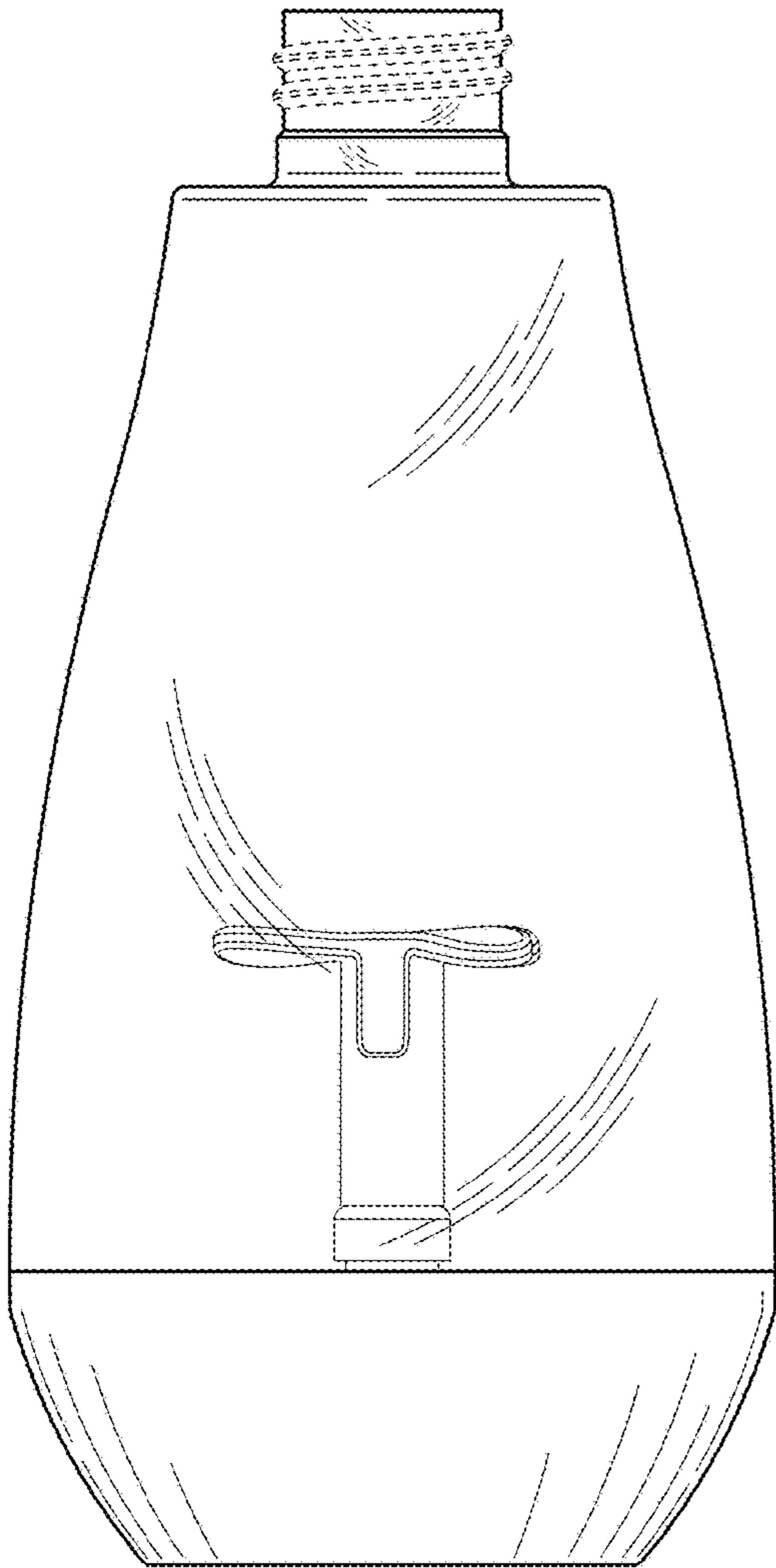


FIG. 18

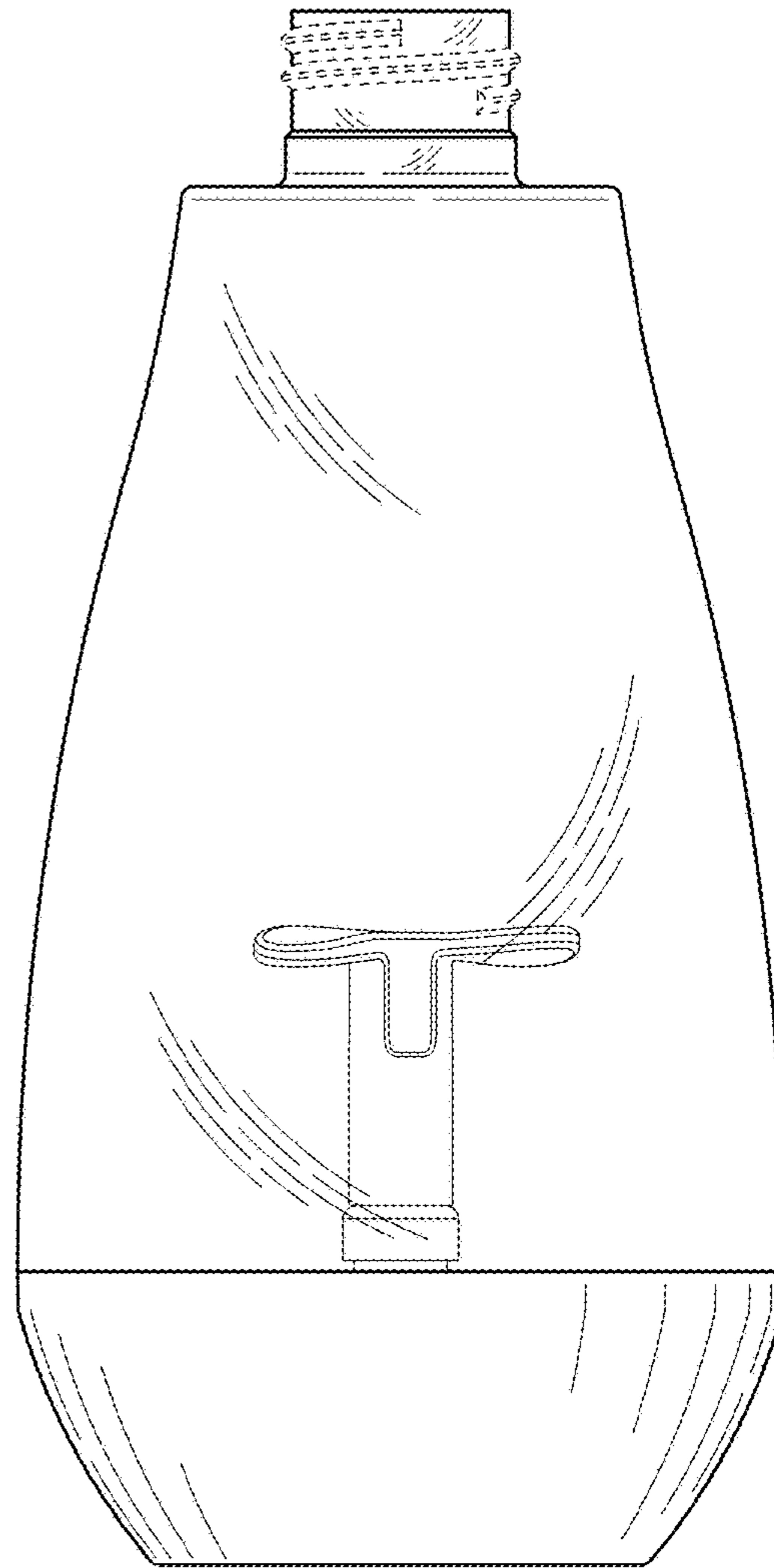


FIG. 19

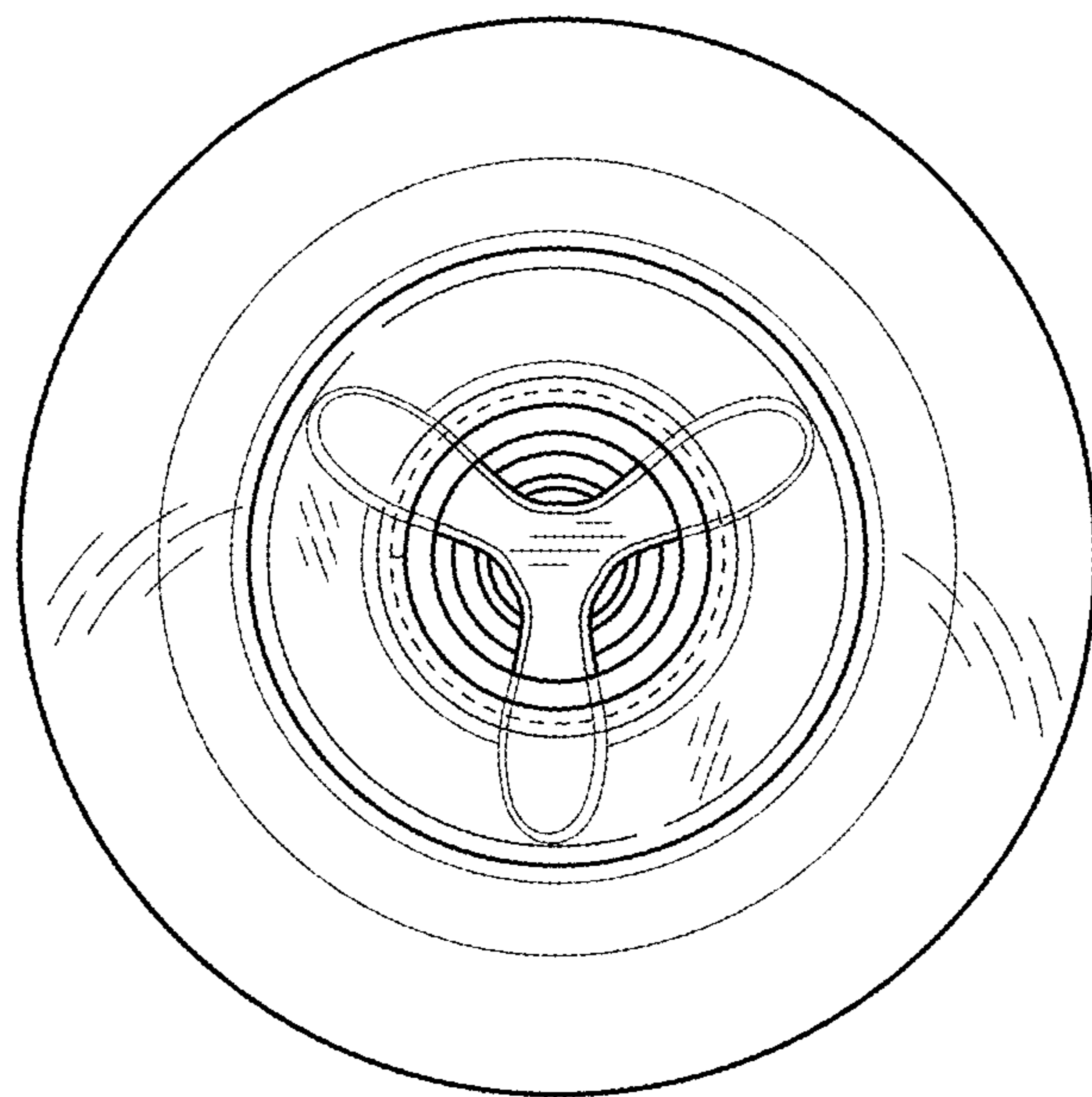


FIG. 20

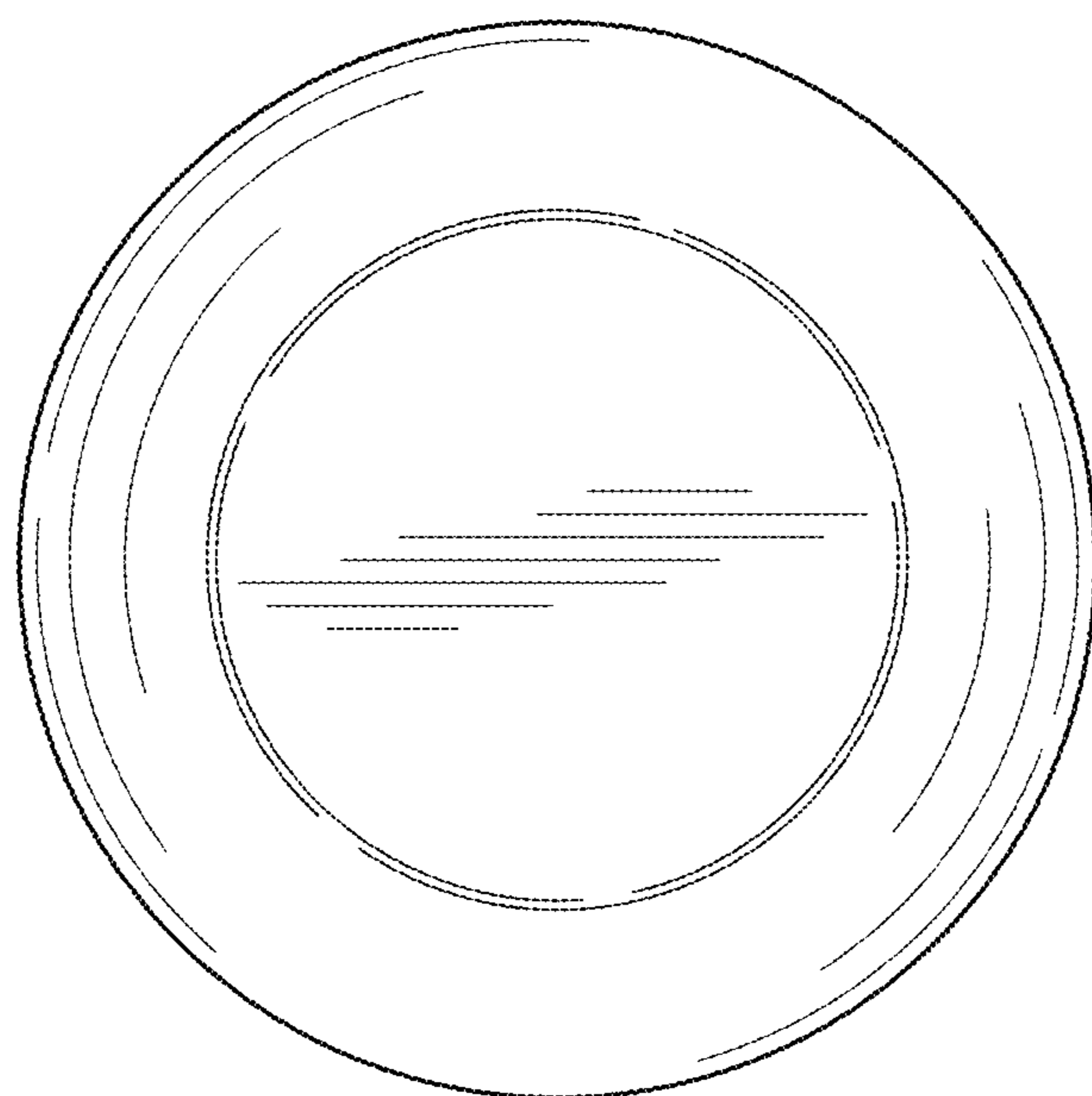


FIG. 21

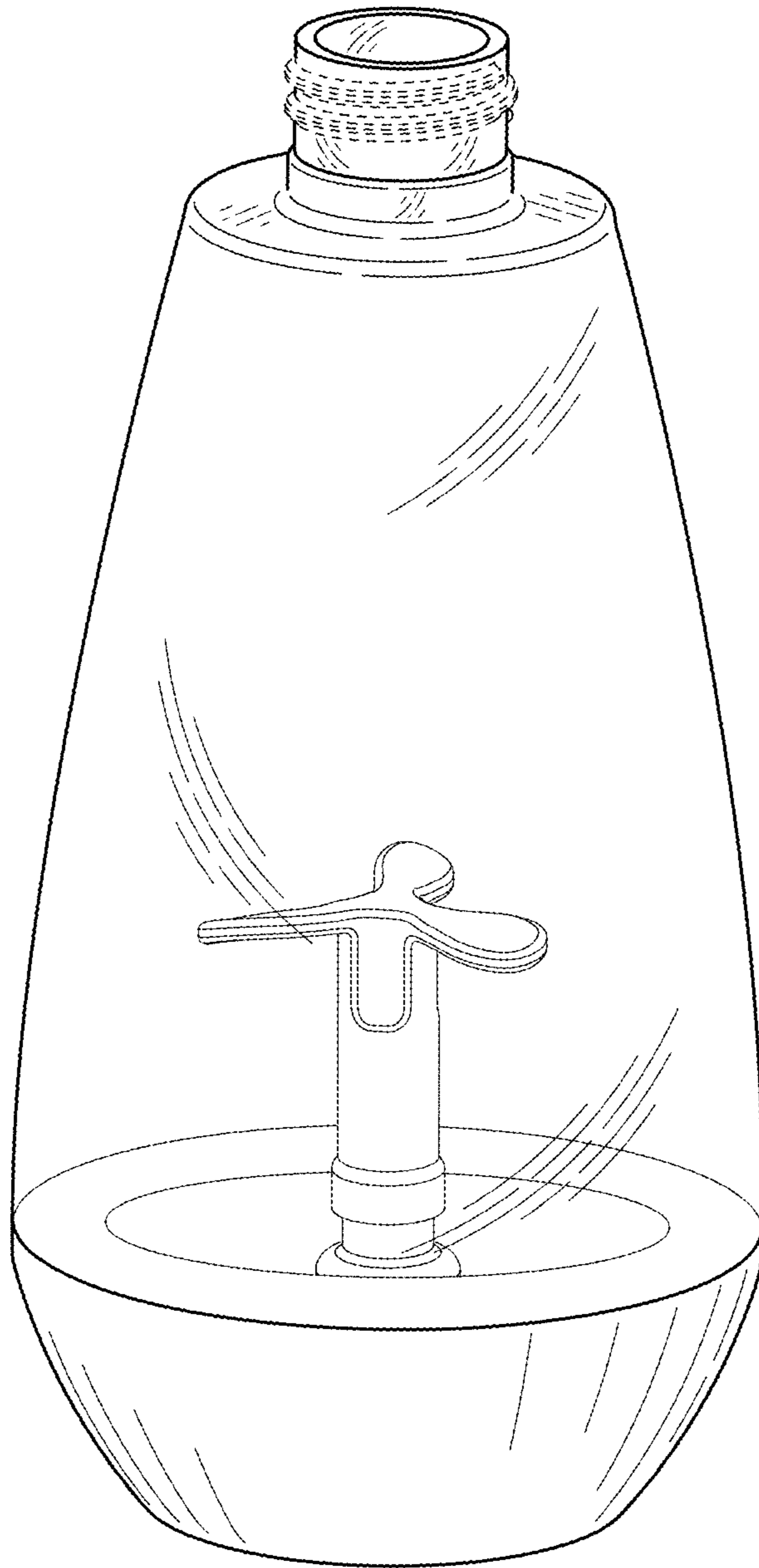


FIG. 22

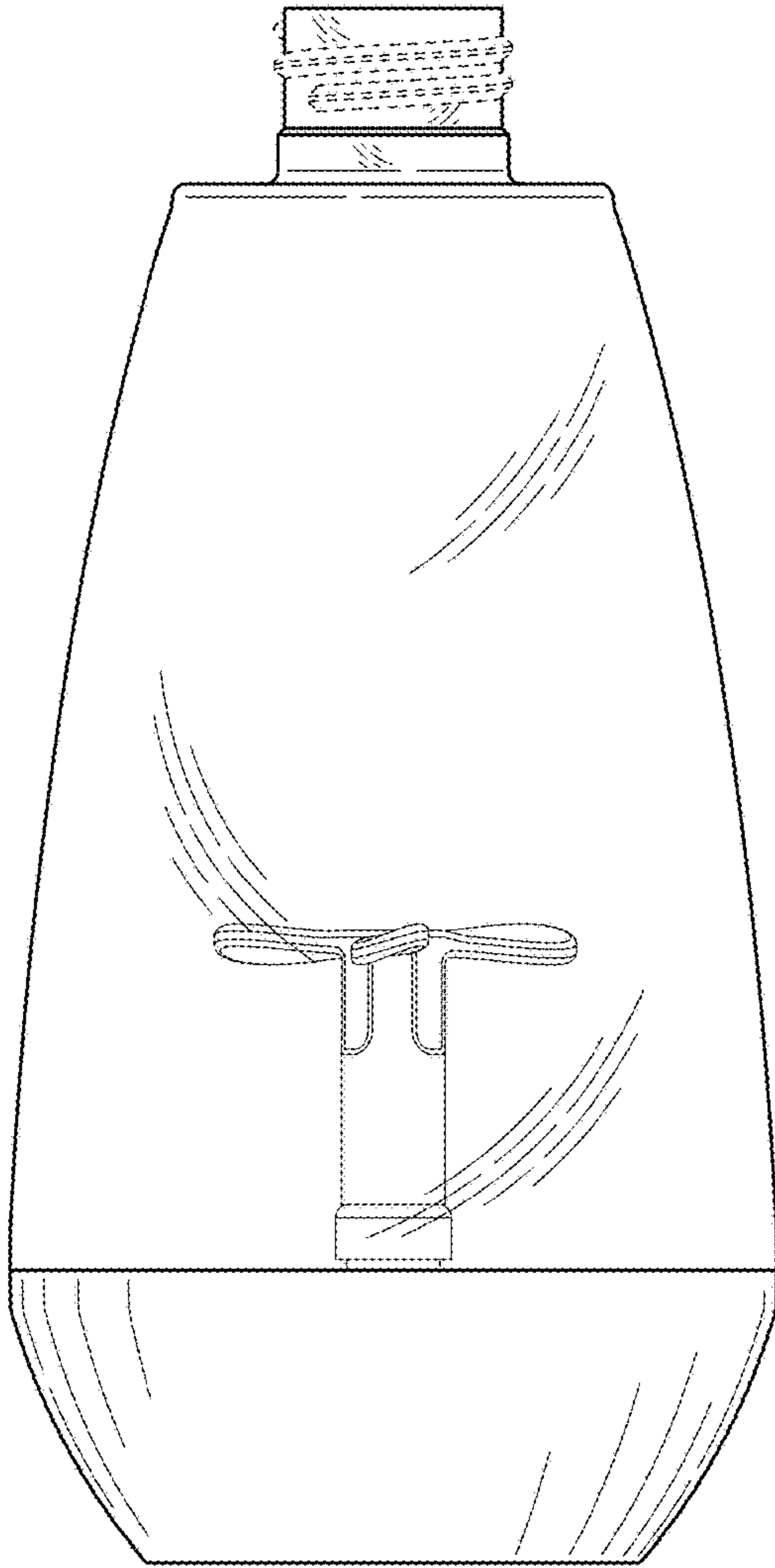


FIG. 23

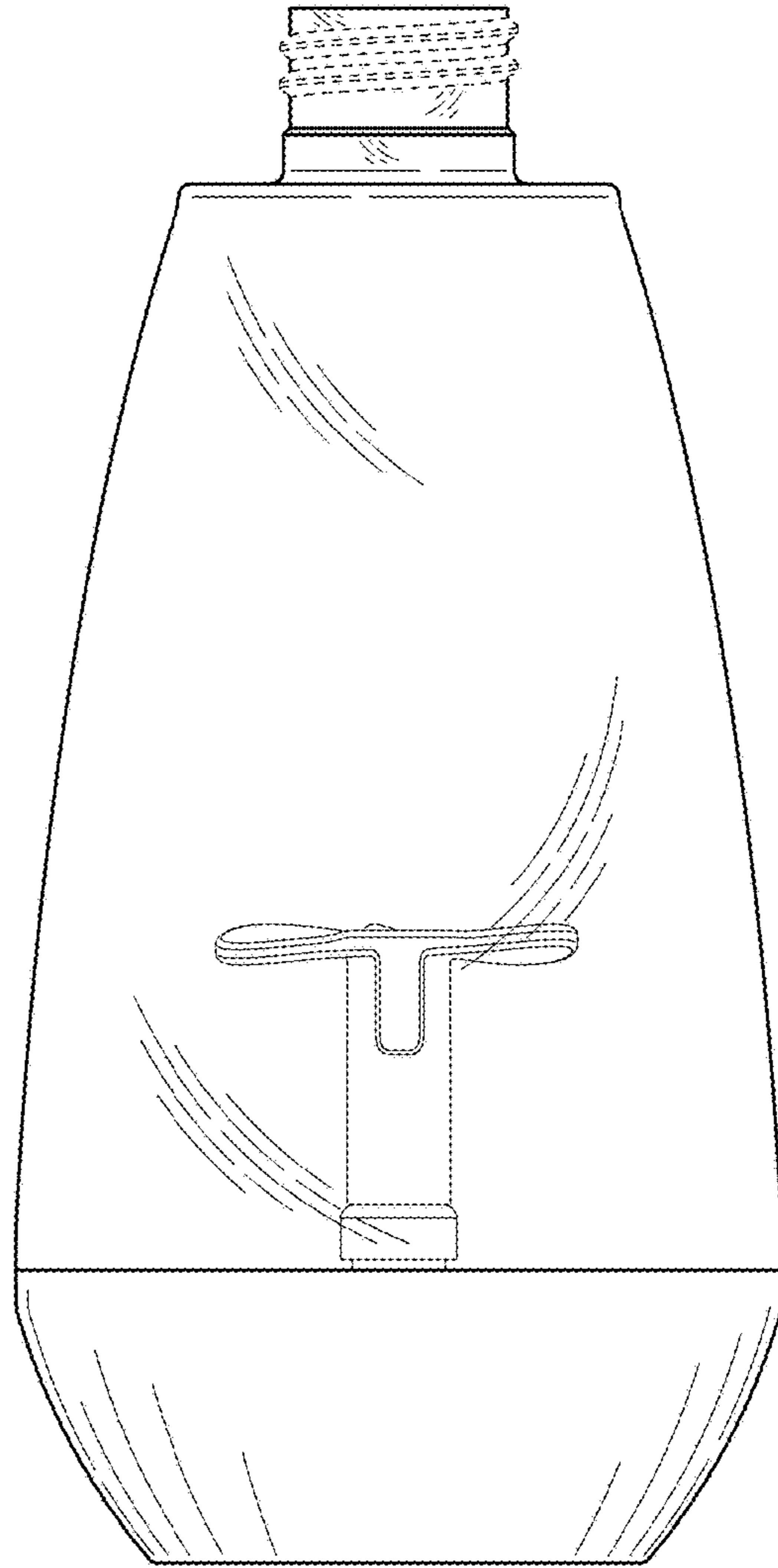


FIG. 24

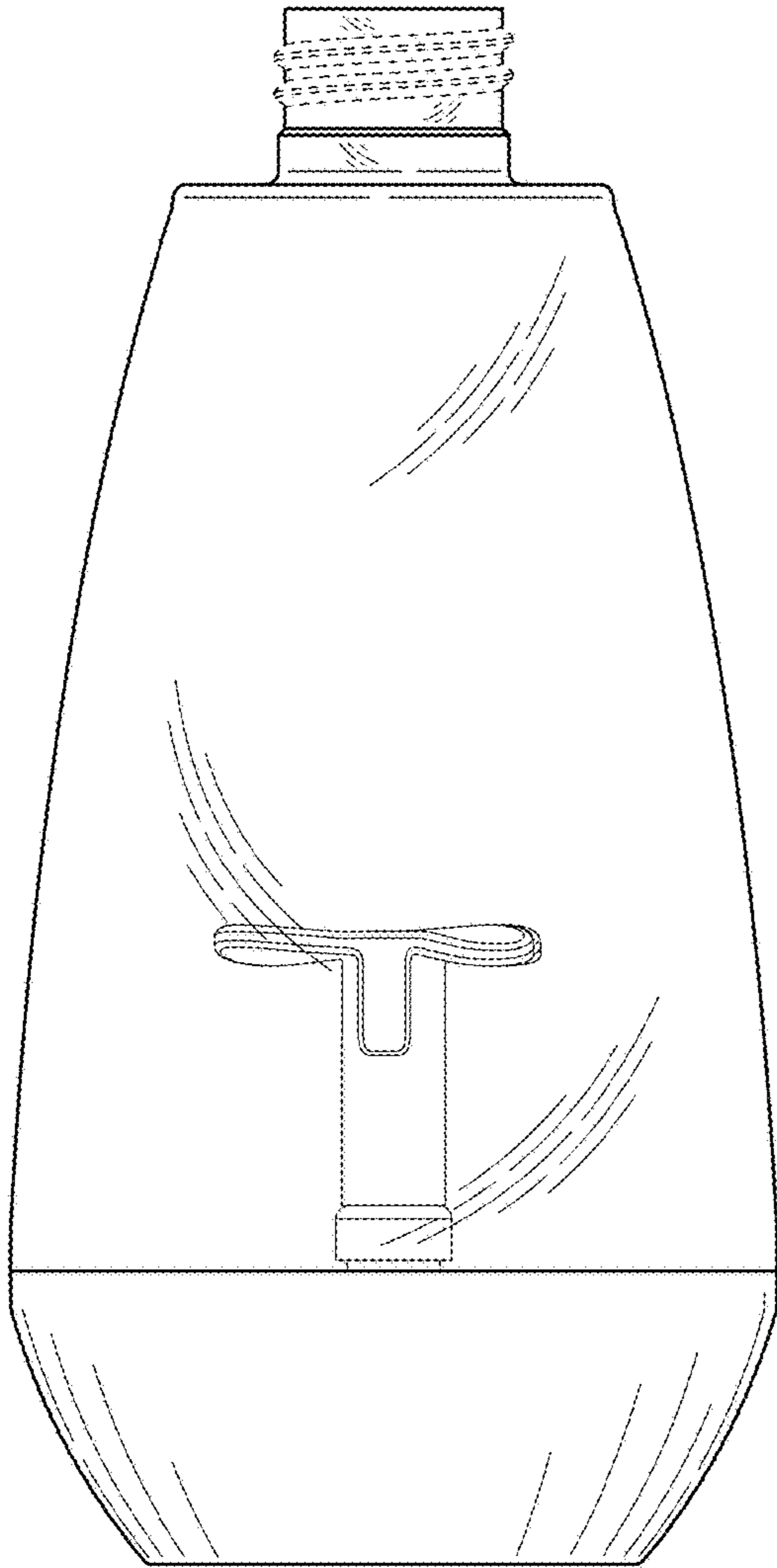


FIG. 25

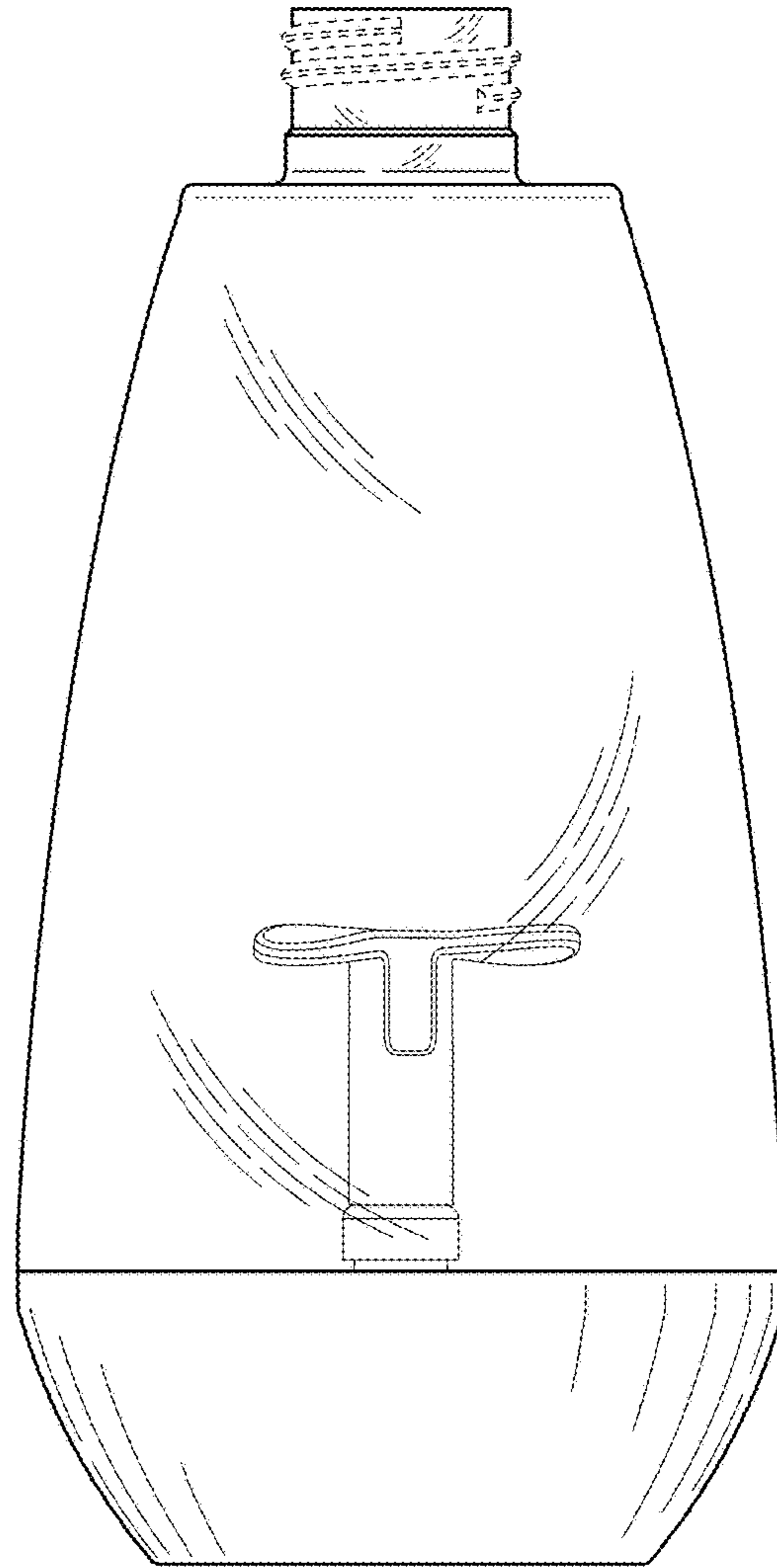


FIG. 26

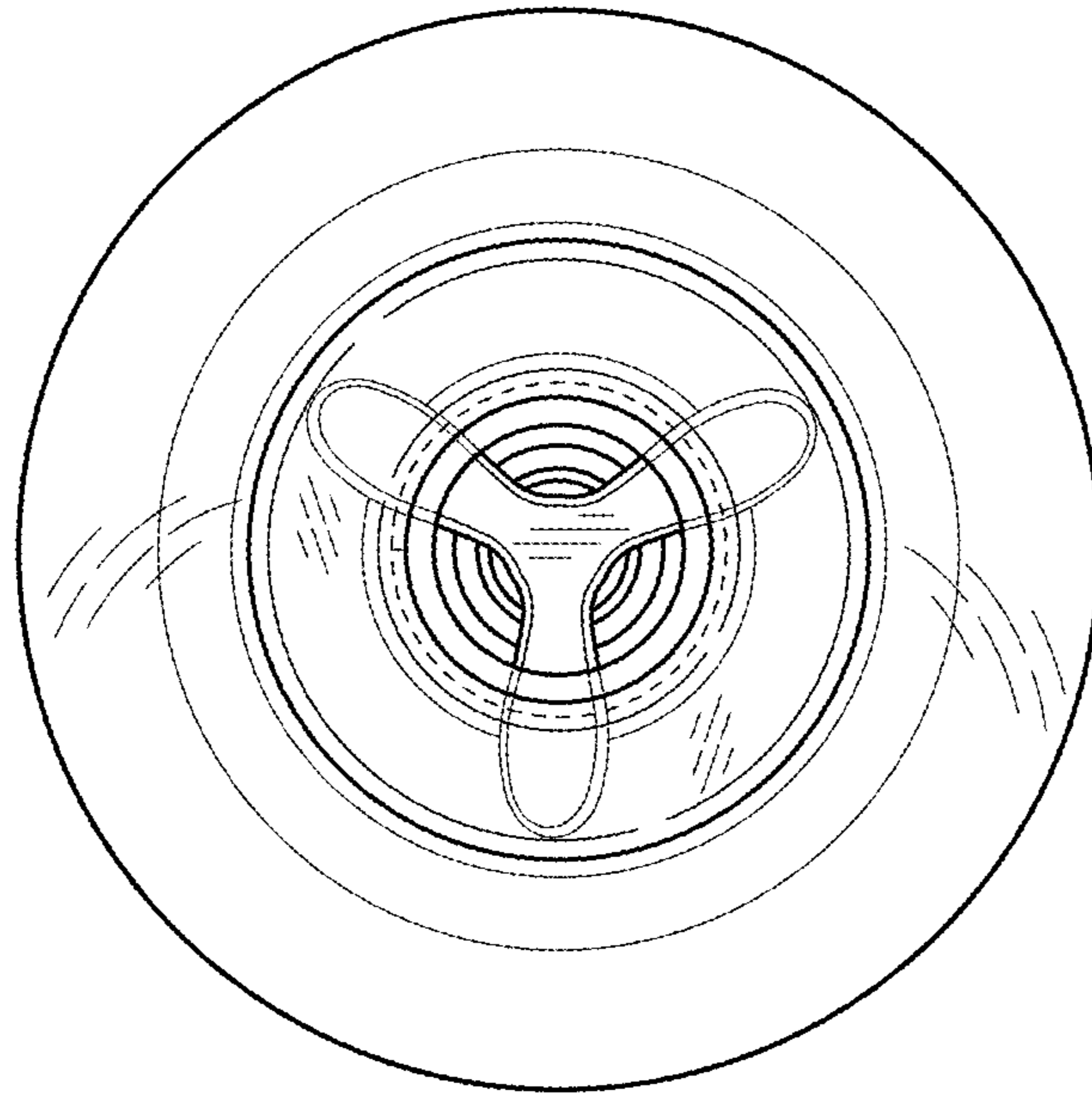


FIG. 27

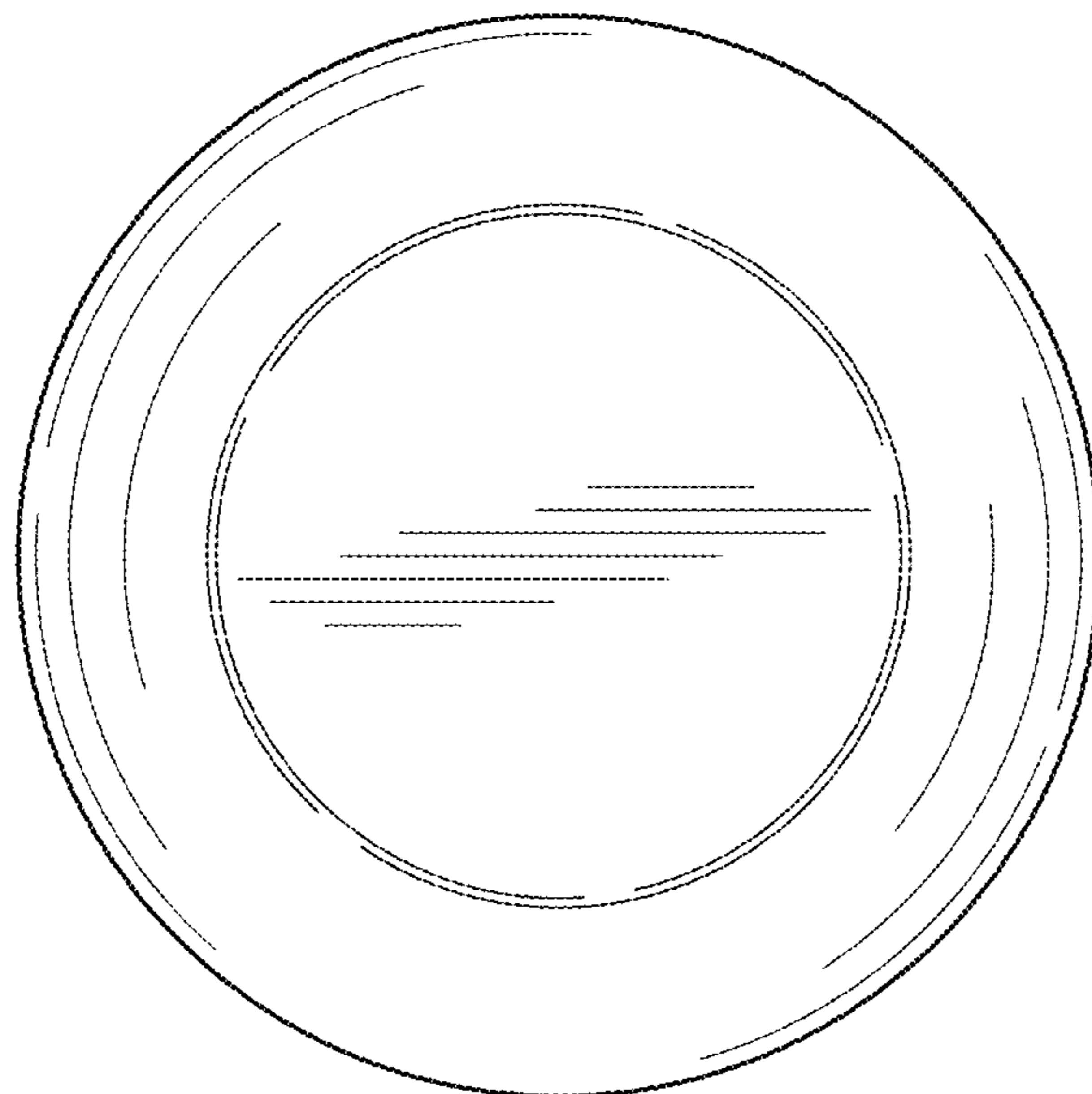


FIG. 28

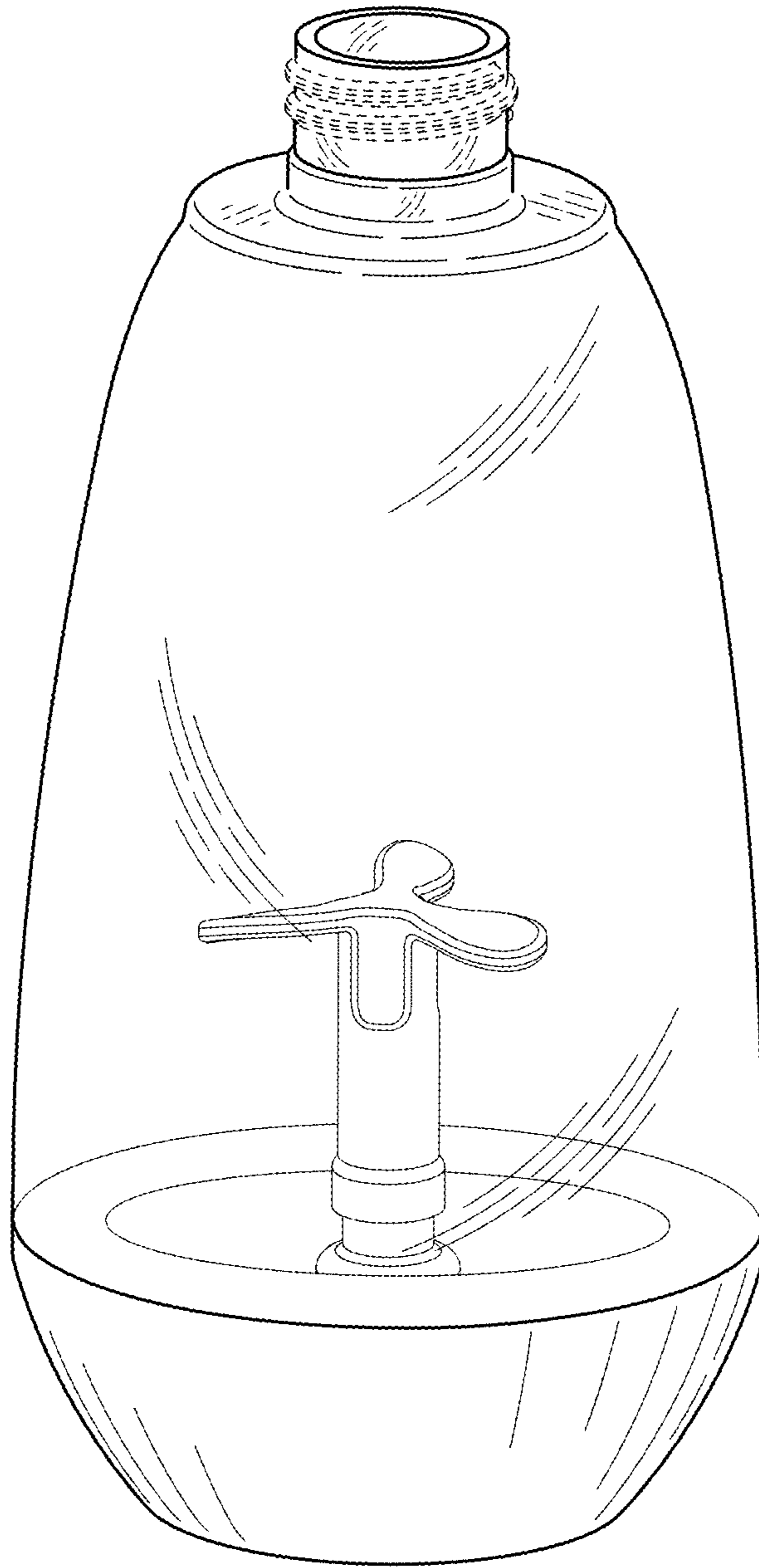


FIG. 29

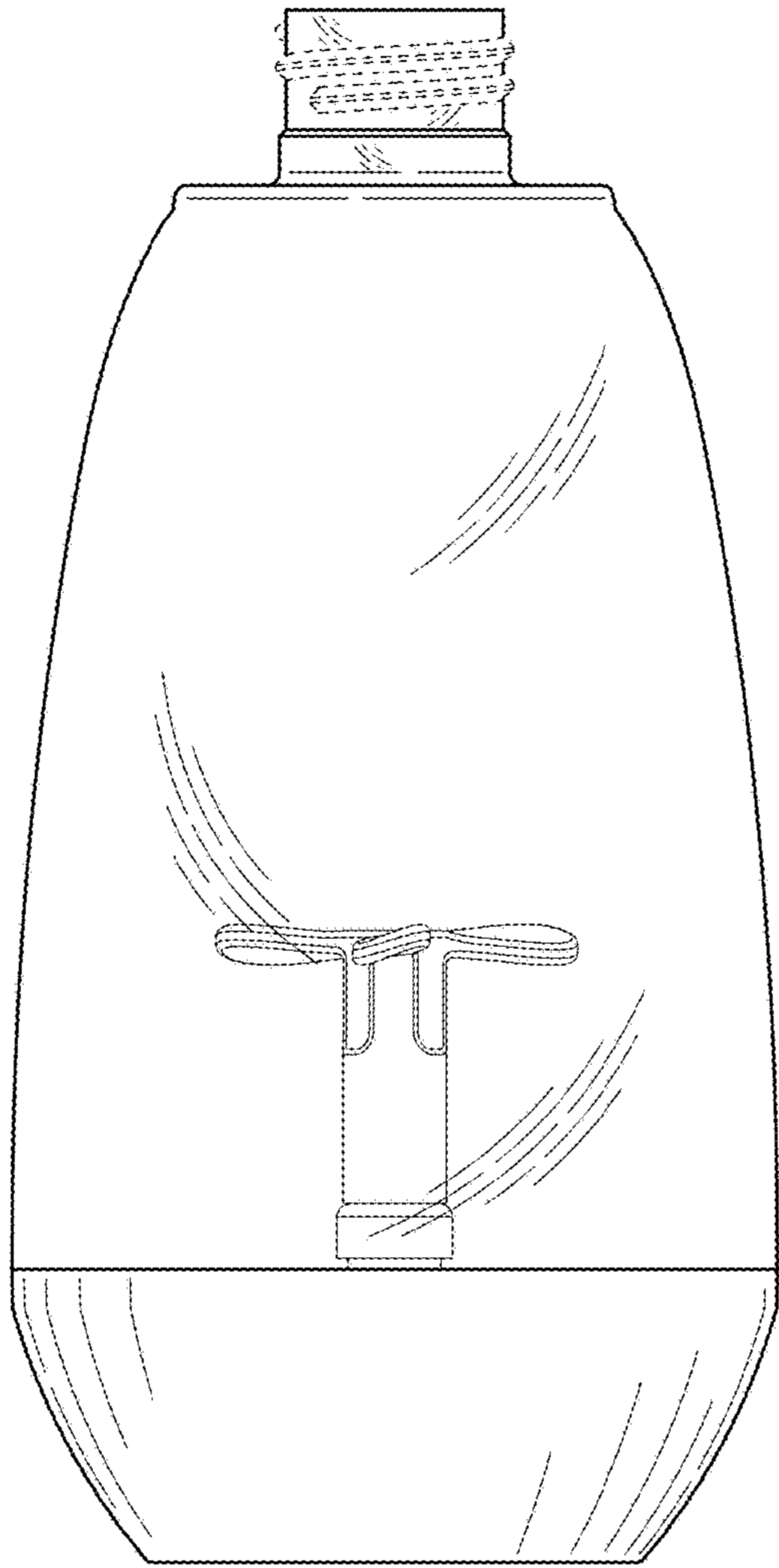


FIG. 30

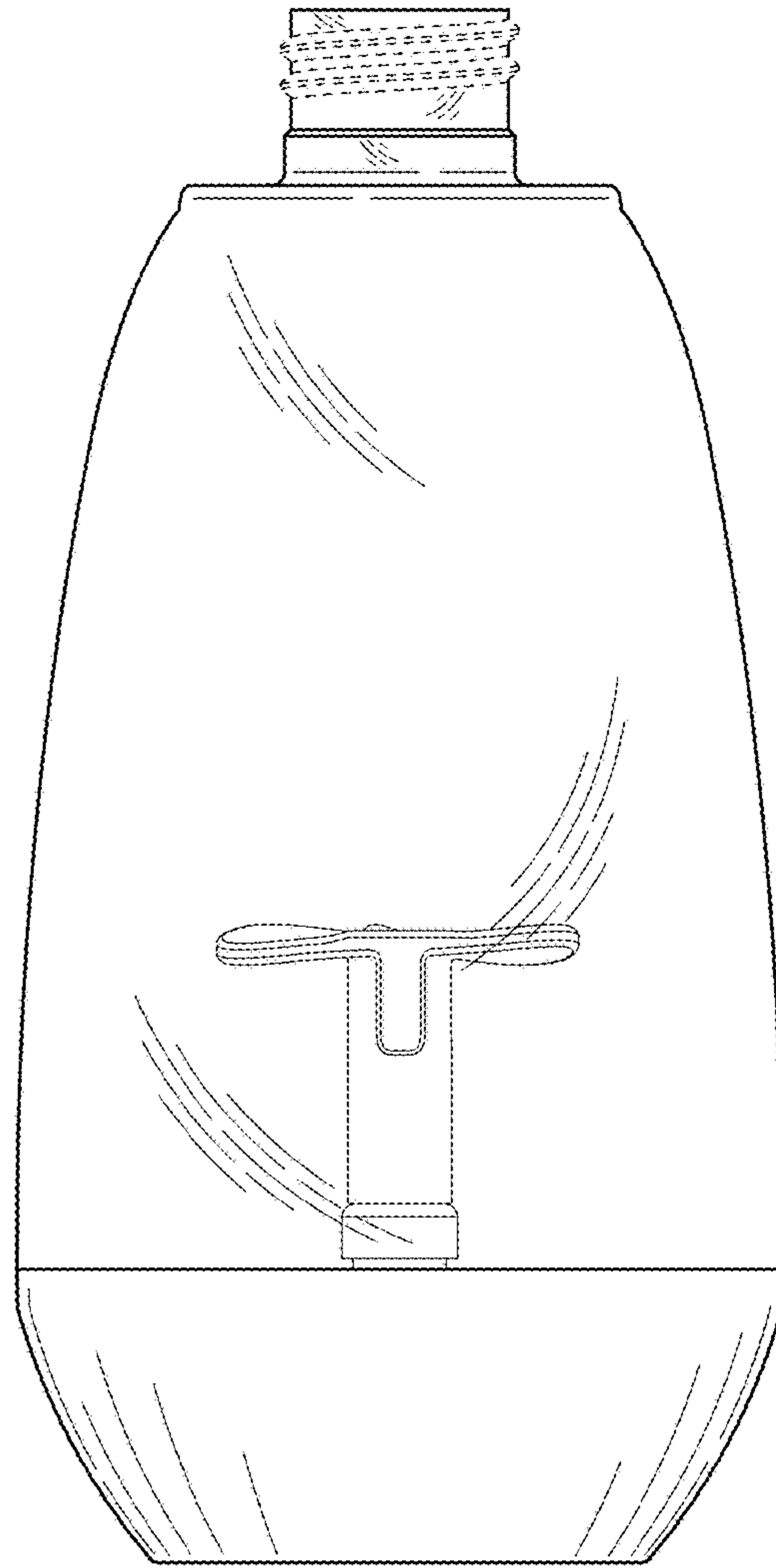


FIG. 31

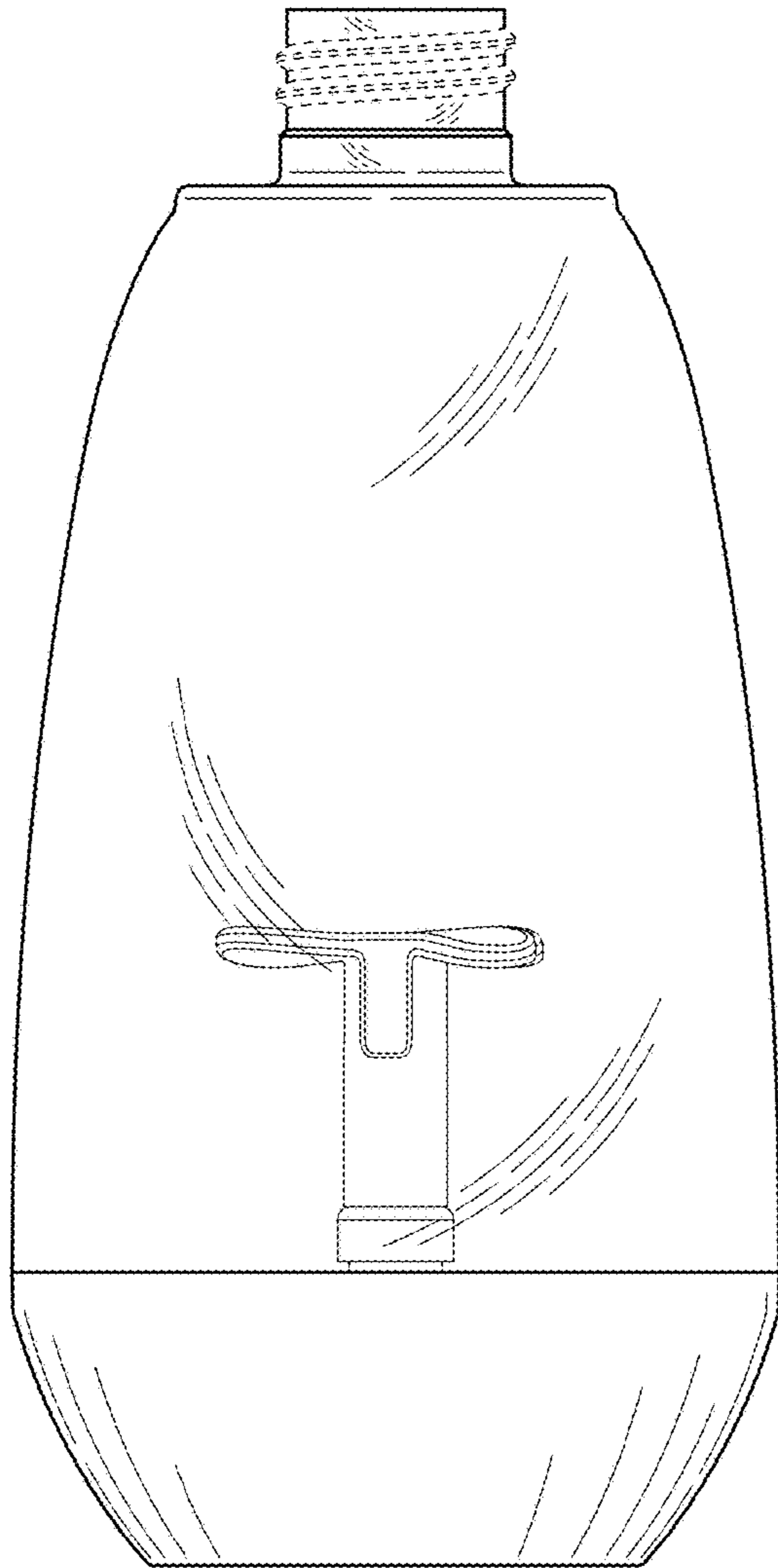


FIG. 32

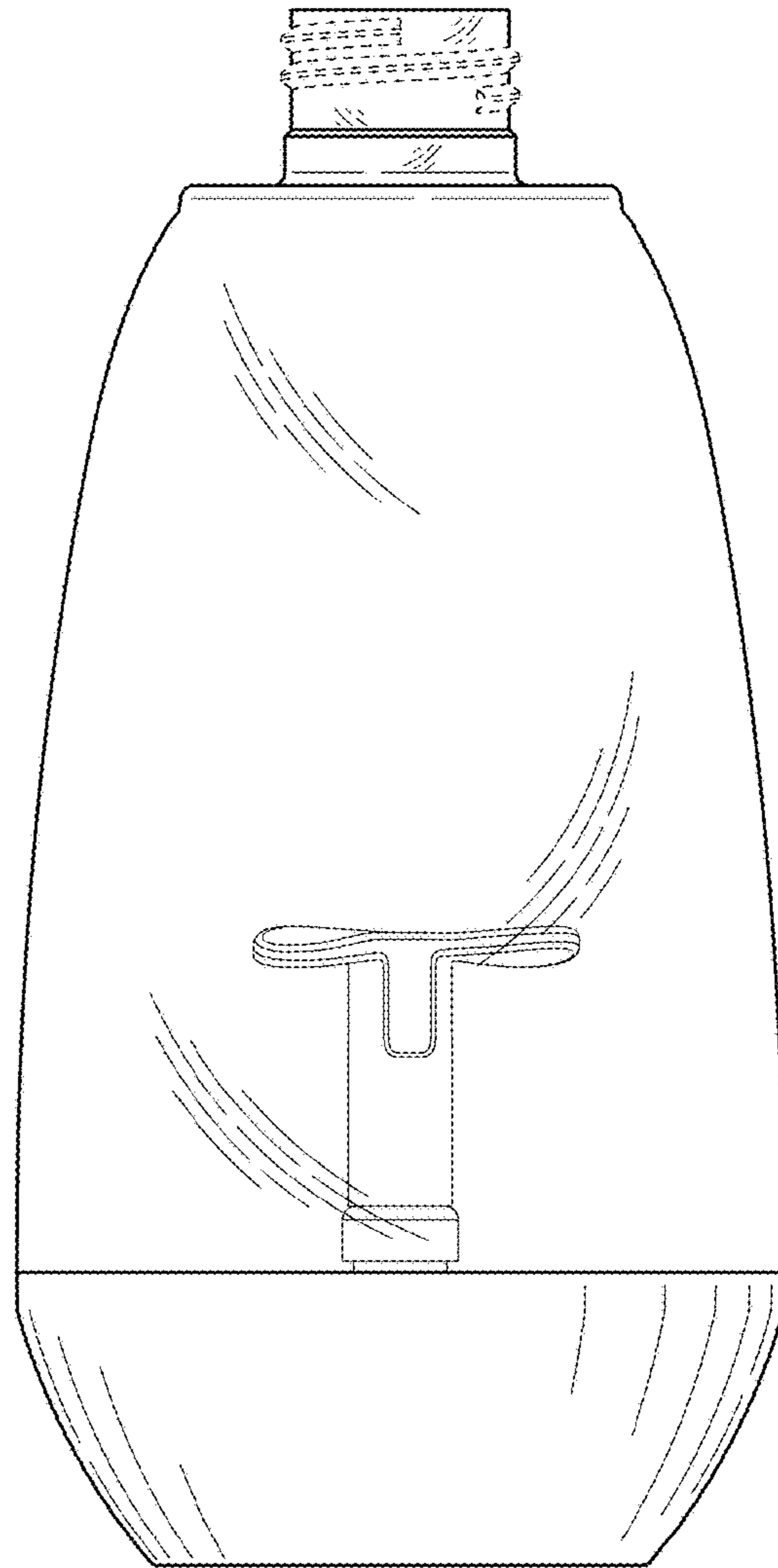


FIG. 33

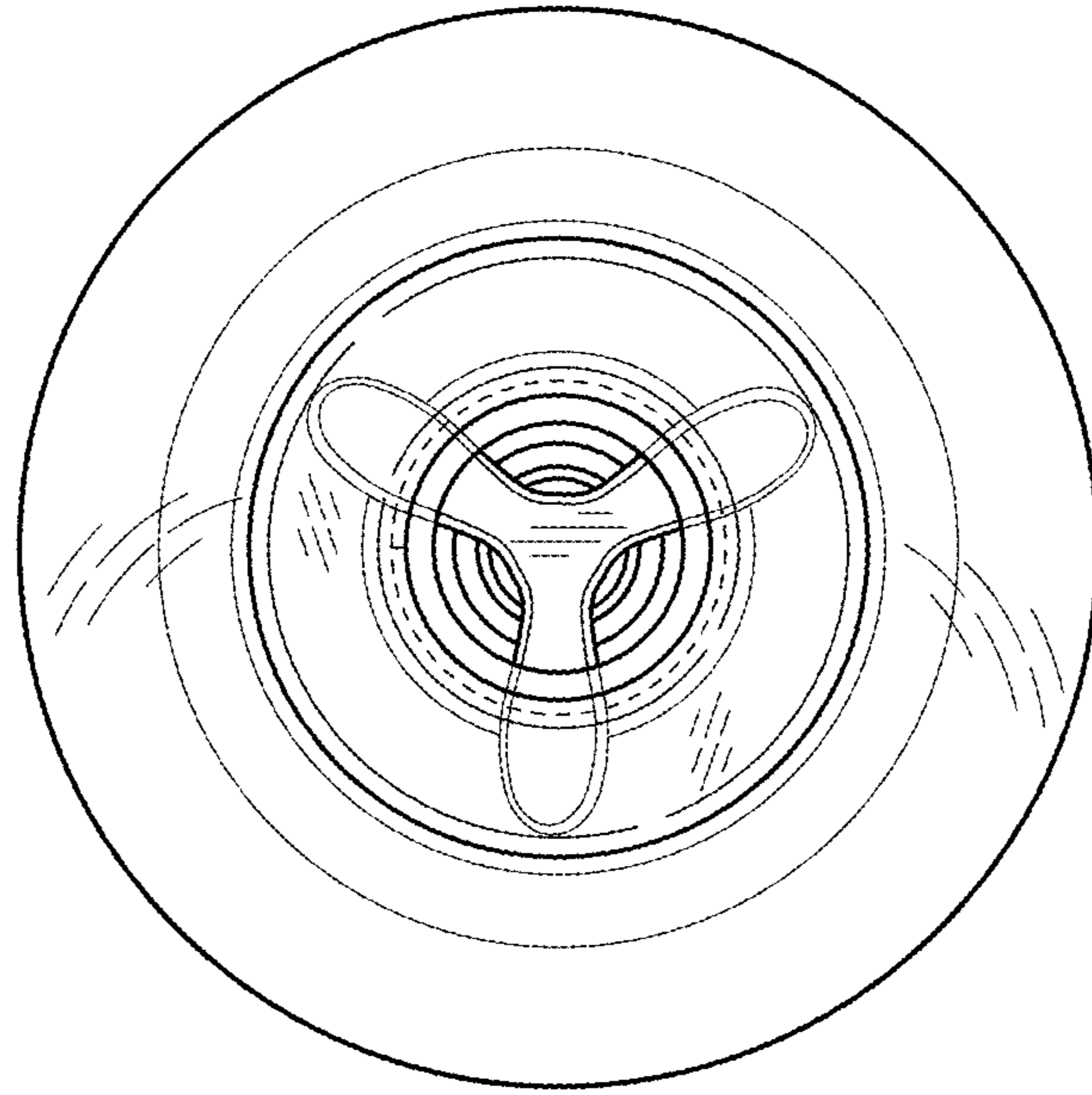


FIG. 34

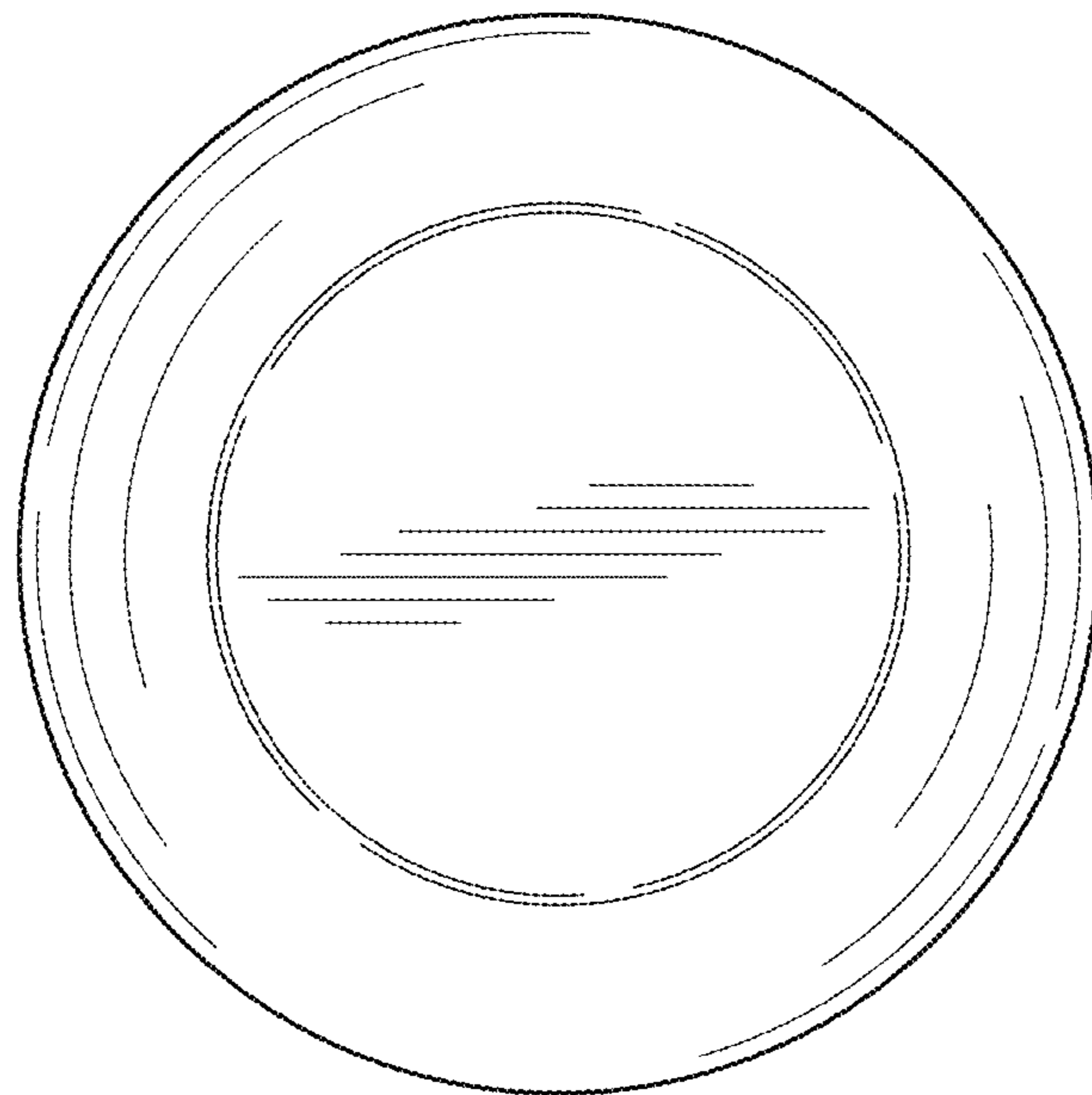


FIG. 35

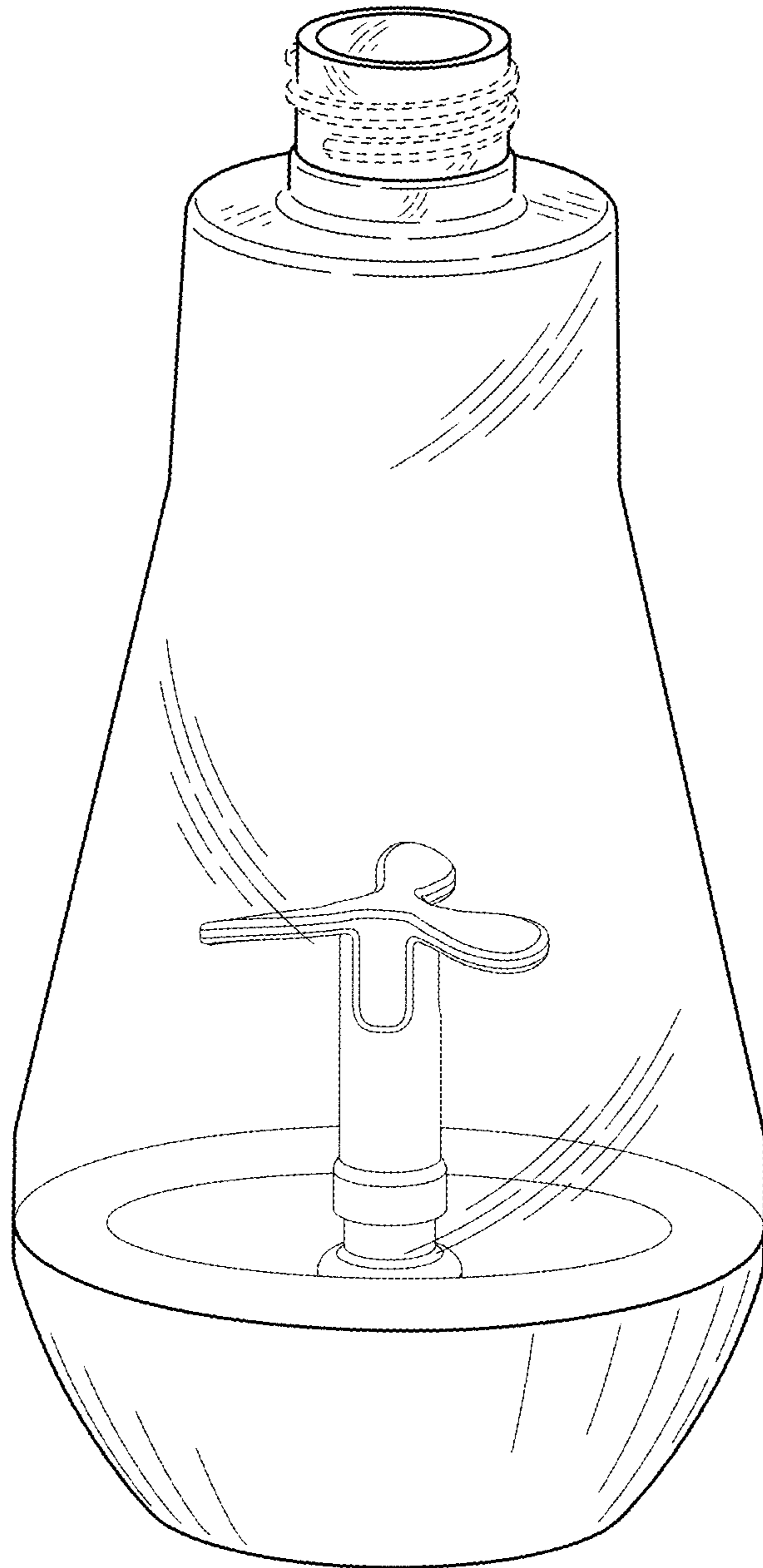


FIG. 36

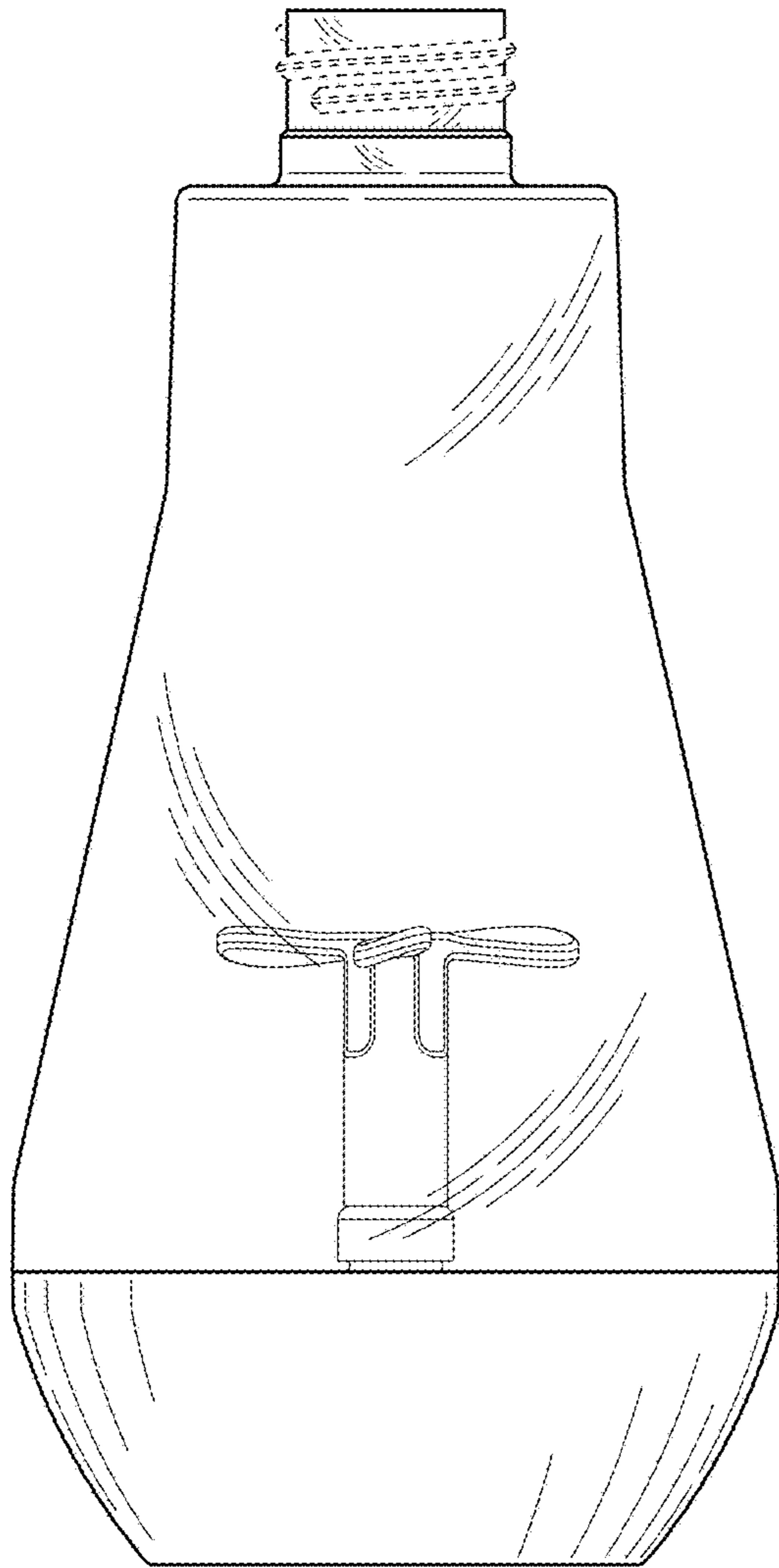


FIG. 37

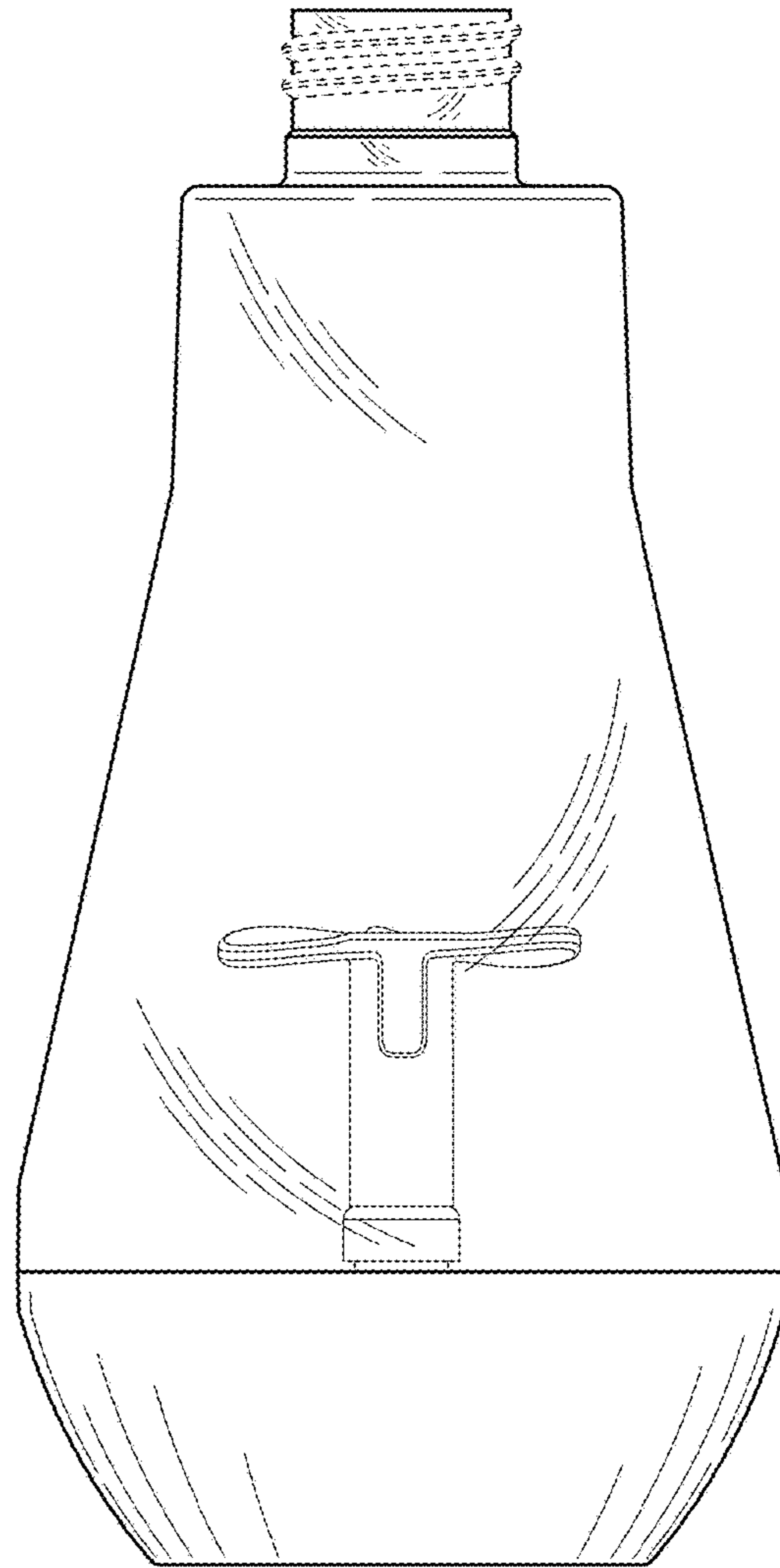


FIG. 38

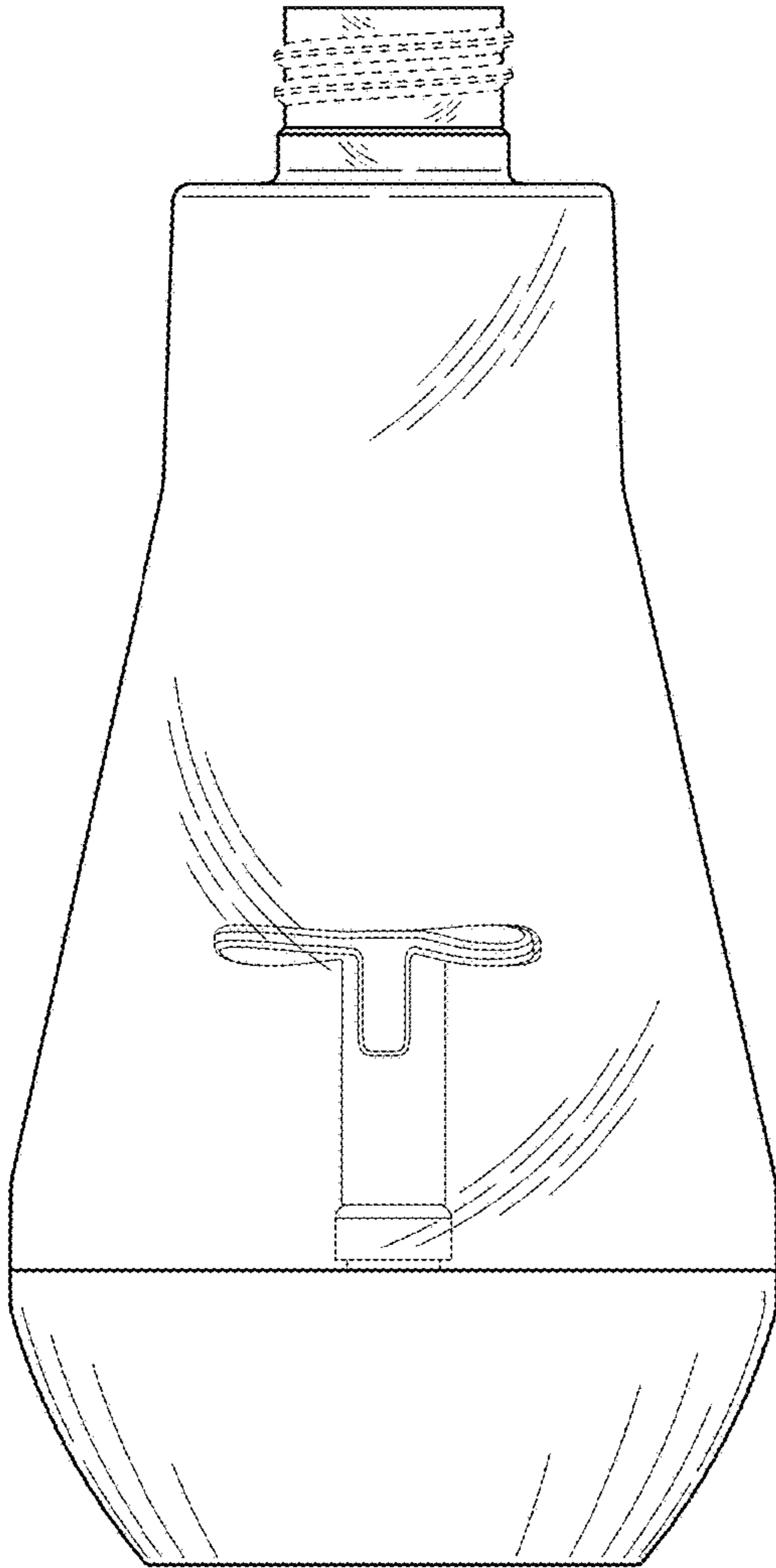


FIG. 39

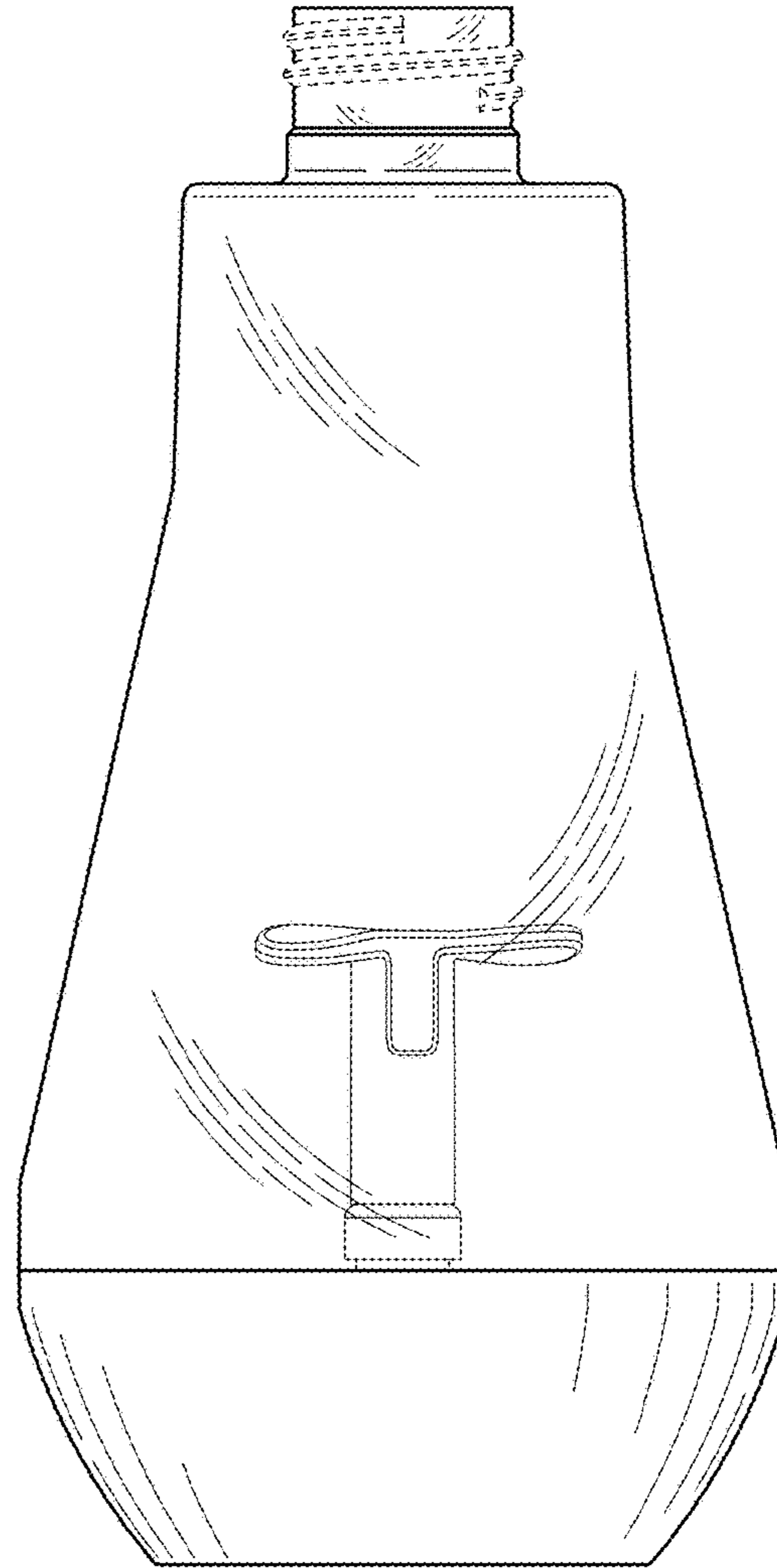


FIG. 40

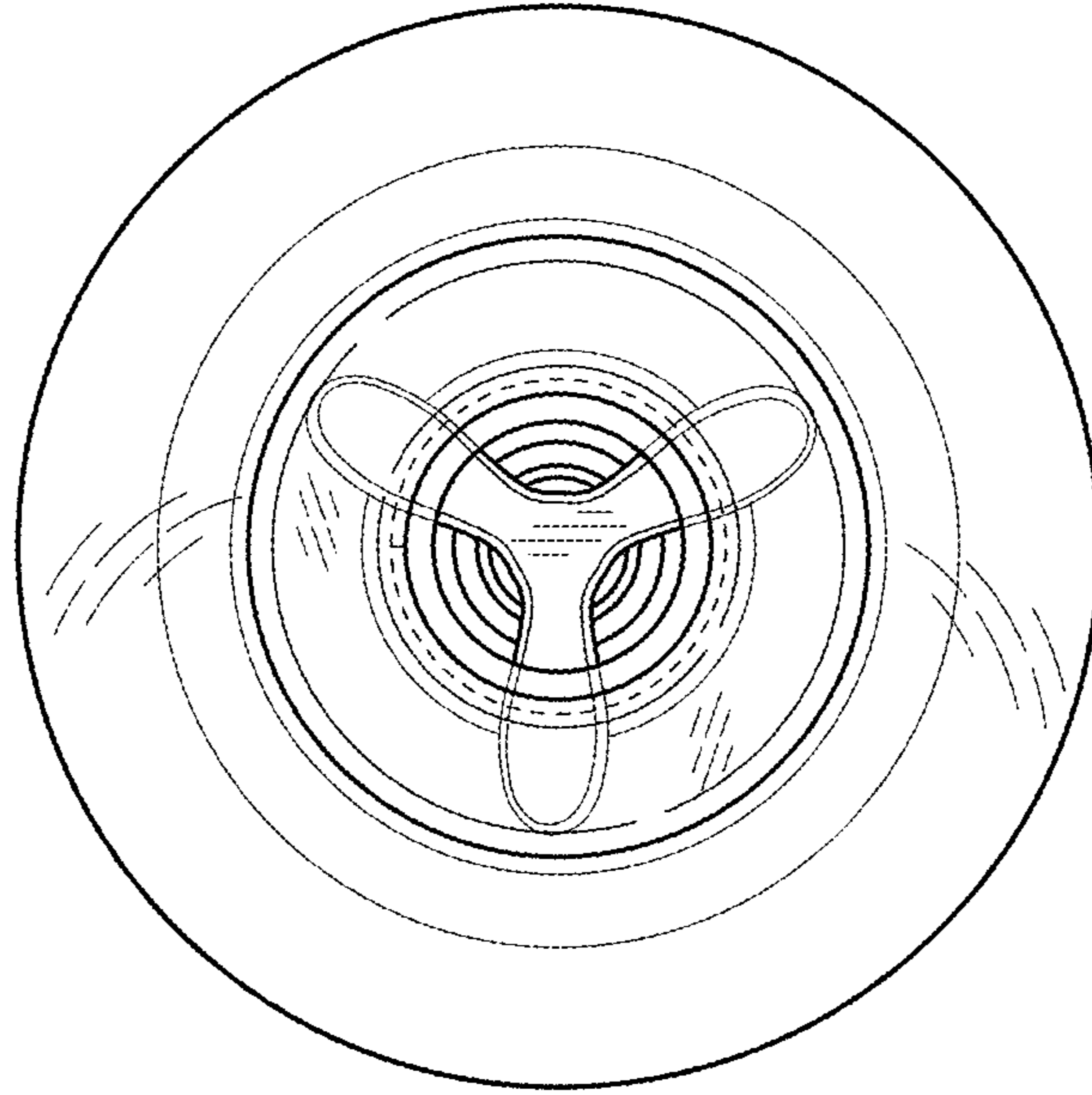


FIG. 41

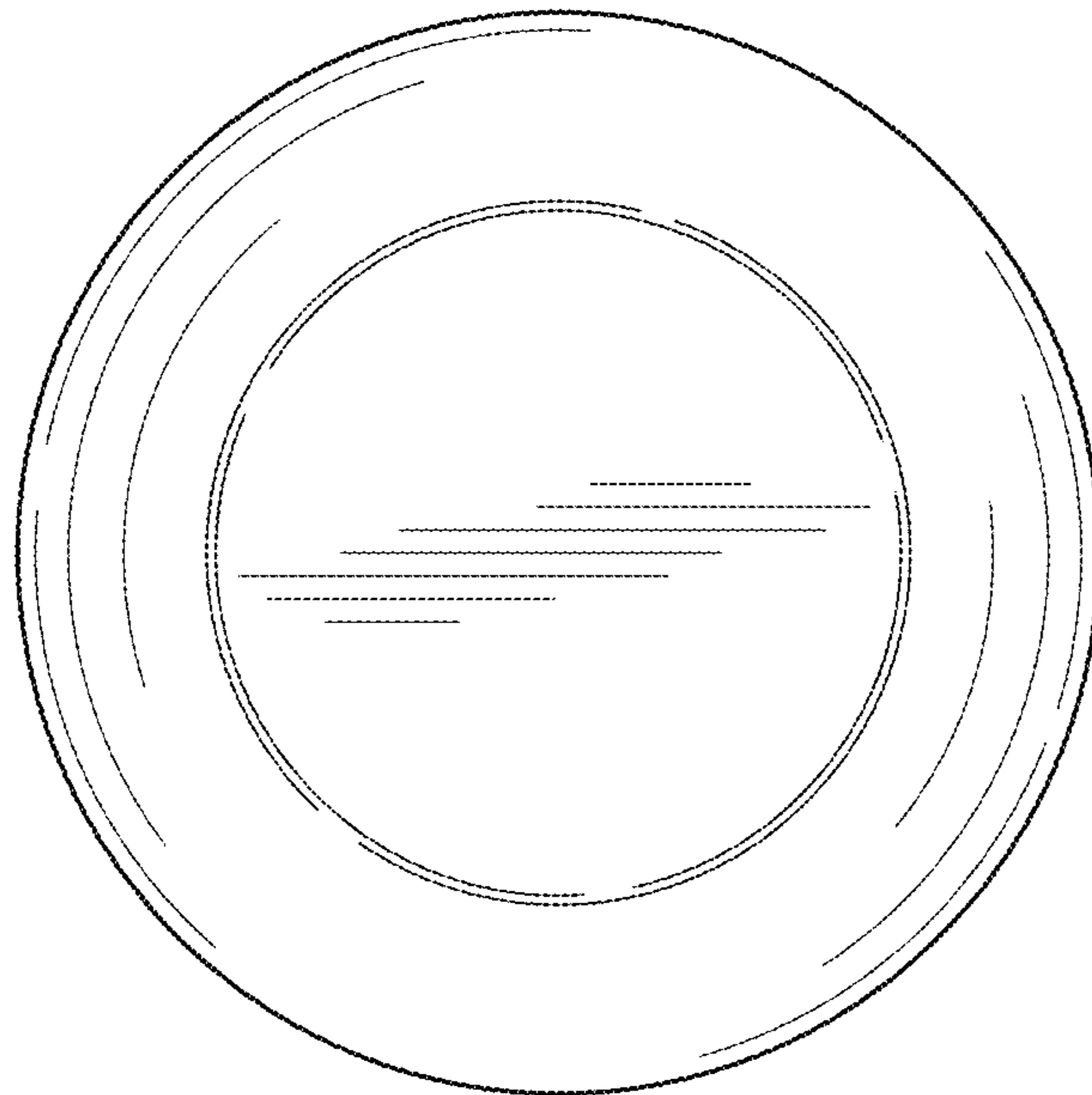


FIG. 42