



US00D684003S

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

(10) **Patent No.:** **US D684,003 S**  
(45) **Date of Patent:** **\*\* Jun. 11, 2013**

(54) **FOOD WASTE DISPOSER**

(75) Inventors: **Walter Bennage**, Pleasant Prairie, WI (US); **Kevin McClory**, Zion, IL (US); **Rakesh Koparde**, Karad (IN); **Amit Kumbhar**, Pune (IN); **Nithin Mahale**, Uttara Kannada (IN)

(73) Assignee: **Emerson Electric Co.**, St. Louis, MO (US)

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

(21) Appl. No.: **29/418,349**

(22) Filed: **Apr. 16, 2012**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/409,170, filed on Dec. 21, 2011, now abandoned.

(51) **LOC (9) Cl.** ..... **31-00**

(52) **U.S. Cl.**  
USPC ..... **D7/375**

(58) **Field of Classification Search**  
USPC ..... D7/301-313, 316-319, 356-357, D7/368, 372-386, 391-398, 412-415, 503, D7/515, 665, 679, 691-693; D34/39; 99/326, 99/348, 492-495, 508-512; 215/384; 241/21, 241/30-37.5, 46.08, 46.013-46.016, 56, 241/91, 101.01-101.2, 166-169.1, 172, 272, 241/285.1-285.3, 291, 292.1; 285/139.2; 366/64-67, 98, 129, 136, 142-144, 192-211, 366/241-254, 262, 279-292, 325.8, 325.92, 366/341-347; 416/75-77, 70 R, 163; 435/264

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D109,972 S	6/1938	Anderson et al.	
D169,626 S	5/1953	Koslo et al.	
D170,874 S	11/1953	Lambert et al.	
2,750,121 A	6/1956	Schmidt et al.	
D178,854 S	9/1956	Waltman et al.	
2,965,318 A *	12/1960	Jordan .....	241/46.014
2,978,190 A *	4/1961	Brucken et al. ....	241/46.014
3,025,007 A	3/1962	Wieczorek	
3,026,050 A *	3/1962	Bebinger .....	241/46.08
D194,128 S	11/1962	Hawkins et al.	

(Continued)

FOREIGN PATENT DOCUMENTS

CN 00336359.7 5/2001

OTHER PUBLICATIONS

Photos of insinkerator Badger—444, on sale in the United States earlier than Dec. 1, 2010.

(Continued)

*Primary Examiner* — Ricky Pham

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

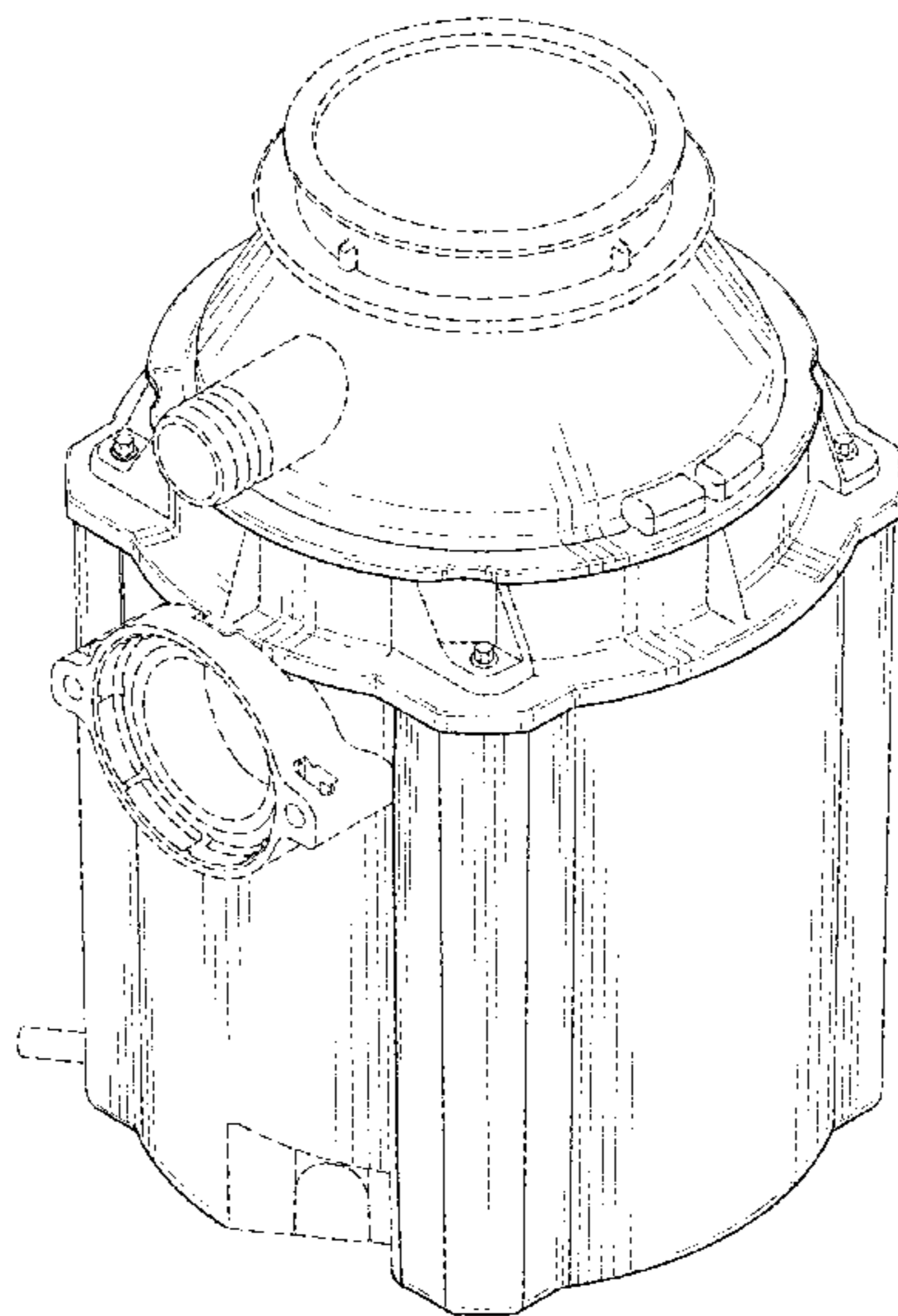
(57) **CLAIM**

The ornamental design for a food waste disposer, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view;  
FIG. 2 is a front elevational view;  
FIG. 3 is a rear elevational view;  
FIG. 4 is a left elevational view;  
FIG. 5 is a right elevational view;  
FIG. 6 is a top plan view; and,  
FIG. 7 is a bottom plan view.  
The broken lines in all views are for the purpose of illustration and are not part of the claimed design.

**1 Claim, 6 Drawing Sheets**



U.S. PATENT DOCUMENTS

3,159,354 A \* 12/1964 Yartz et al. .... 241/46.08  
 3,163,369 A \* 12/1964 Hogue ..... 241/46.08  
 3,165,271 A \* 1/1965 Enright ..... 241/46.014  
 3,236,462 A \* 2/1966 Stout ..... 241/46.016  
 3,246,132 A \* 4/1966 Jordan et al. .... 285/139.2  
 D207,918 S 6/1967 Clark et al.  
 3,335,969 A 8/1967 Egle et al.  
 D212,127 S 8/1968 Smith et al.  
 3,443,764 A \* 5/1969 Wetzel ..... 241/46.014  
 3,534,913 A \* 10/1970 Lawrenson ..... 241/36  
 D226,028 S 1/1973 Kennedy et al.  
 3,739,992 A \* 6/1973 Bebinger ..... 241/46.014  
 3,814,333 A \* 6/1974 Sapienza ..... 241/46.014  
 3,862,720 A \* 1/1975 Guth ..... 241/46.015  
 3,875,462 A \* 4/1975 Kiefer et al. .... 241/36  
 D237,299 S 10/1975 Pitts et al.  
 D237,300 S 10/1975 Pitts  
 D237,301 S 10/1975 Pitts  
 D237,302 S 10/1975 Pitts  
 D237,303 S 10/1975 Pitts  
 D237,304 S 10/1975 Pitts  
 D237,305 S 10/1975 Pitts  
 D237,306 S 10/1975 Pitts  
 4,717,031 A \* 1/1988 Hewson ..... 215/384  
 5,340,036 A \* 8/1994 Riley ..... 241/56  
 D374,959 S \* 10/1996 Mull ..... D34/39  
 5,795,062 A \* 8/1998 Johnson ..... 366/136  
 5,856,173 A \* 1/1999 Riley et al. .... 435/264  
 6,007,006 A \* 12/1999 Engel et al. .... 241/46.014  
 D419,362 S \* 1/2000 Bouhuys ..... D7/306  
 D426,421 S 6/2000 Hirsch et al.  
 D430,987 S 9/2000 Brandel et al.  
 D431,153 S 9/2000 Brandel et al.  
 D431,751 S 10/2000 Cahen  
 D431,752 S \* 10/2000 Brandel et al. .... D7/375  
 D436,496 S 1/2001 Anderson et al.  
 D451,755 S 12/2001 Brandel et al.  
 D452,110 S 12/2001 Brandel et al.  
 D454,467 S \* 3/2002 Magermans et al. .... D7/313  
 D455,603 S 4/2002 Brandel et al.  
 D455,604 S 4/2002 Brandel et al.  
 6,439,487 B1 \* 8/2002 Anderson et al. .... 241/46.013  
 6,481,652 B2 \* 11/2002 Strutz et al. .... 241/46.013  
 D474,365 S \* 5/2003 Valentino ..... D7/306  
 D486,797 S 2/2004 Anderson et al.  
 7,048,213 B2 5/2006 Strutz et al.  
 7,100,850 B2 \* 9/2006 Farmerie ..... 241/21  
 D534,760 S 1/2007 Patterson et al.  
 D534,761 S 1/2007 Patterson et al.  
 D535,142 S 1/2007 Patterson et al.  
 D535,518 S 1/2007 Patterson et al.

D535,850 S 1/2007 Patterson et al.  
 D536,211 S 2/2007 Jara-Almonte et al.  
 D537,673 S 3/2007 Anderson et al.  
 D539,078 S 3/2007 Anderson et al.  
 D542,594 S 5/2007 Jara-Almonte et al.  
 D542,595 S 5/2007 Jara-Almonte et al.  
 7,331,539 B2 \* 2/2008 Jara-Almonte et al. . 241/46.014  
 D588,862 S 3/2009 Saeed et al.  
 7,578,460 B2 \* 8/2009 Berger ..... 241/46.014  
 7,654,480 B2 \* 2/2010 Baer et al. .... 241/36  
 7,918,411 B2 \* 4/2011 Anderson et al. .... 241/46.016  
 7,963,469 B2 \* 6/2011 Hanson ..... 241/46.013  
 7,971,810 B2 \* 7/2011 Hirsch et al. .... 241/35  
 D654,302 S \* 2/2012 Shepherd ..... D7/375  
 8,146,843 B2 \* 4/2012 Ye et al. .... 241/46.013  
 8,220,731 B2 \* 7/2012 Berger et al. .... 241/46.013  
 2002/0104909 A1 \* 8/2002 Strutz ..... 241/46.013  
 2002/0170990 A1 \* 11/2002 Anderson et al. .... 241/46.014  
 2004/0256506 A1 \* 12/2004 Berger ..... 241/46.013

OTHER PUBLICATIONS

Photos of insinkerator Badger—555, on sale in the United States earlier than Dec. 1, 2010.  
 Photos of insinkerator Badger—777, on sale in the United States earlier than Dec. 1, 2010.  
 Photos of insinkerator Badger 5 Plus, on sale in the United States earlier than Dec. 1, 2010.  
 Photos of insinkerator Contractor 333, on sale in the United States earlier than Dec. 1, 2010.  
 Photos of Evergrind E303, on sale in the United States earlier than Dec. 1, 2010.  
 Photos of Evergrind E404, on sale in the United States earlier than Dec. 1, 2010.  
 insinkerator—“The Practical Idea That Built A Powerful Brand”, Emerson Appliance Solutions—© 2008.  
 Photos of insinkerator Foodservice LC-50, on sale in the United States earlier than Dec. 1, 2010.  
 ShinMaywa Corporation DH150SW, Dec. 1, 2003.  
 White Westinghouse International Series Heavy-Duty Food Waste Disposer, Dec. 2006.  
 GFC1000Y Spec Sheet, Jul. 1997.  
 GFC700Y Spec Sheet, Jul. 1997.  
 GFC705Y Spec Sheet, Jul. 1997.  
 GFC300Y Product Brochure, Jun. 2000.  
 GFC800Y Spec Sheet, Jul. 1997.  
 GFC290Y Spec Sheet, Jul. 1997.  
 GFC295Y Product Brochure, Jun. 2000.  
 GFB1050V Spec Sheet, Mar. 1996.

\* cited by examiner

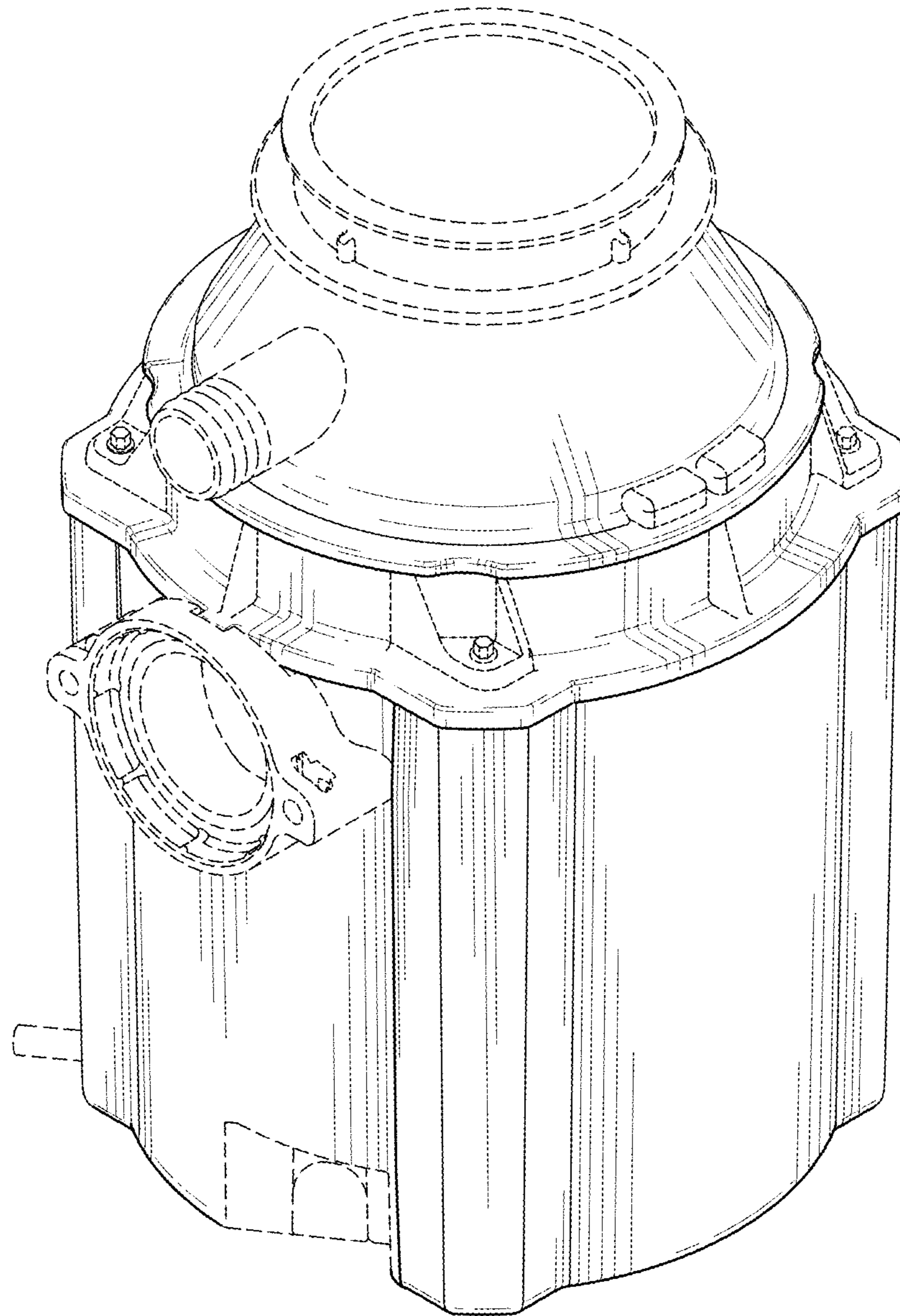


Fig-1

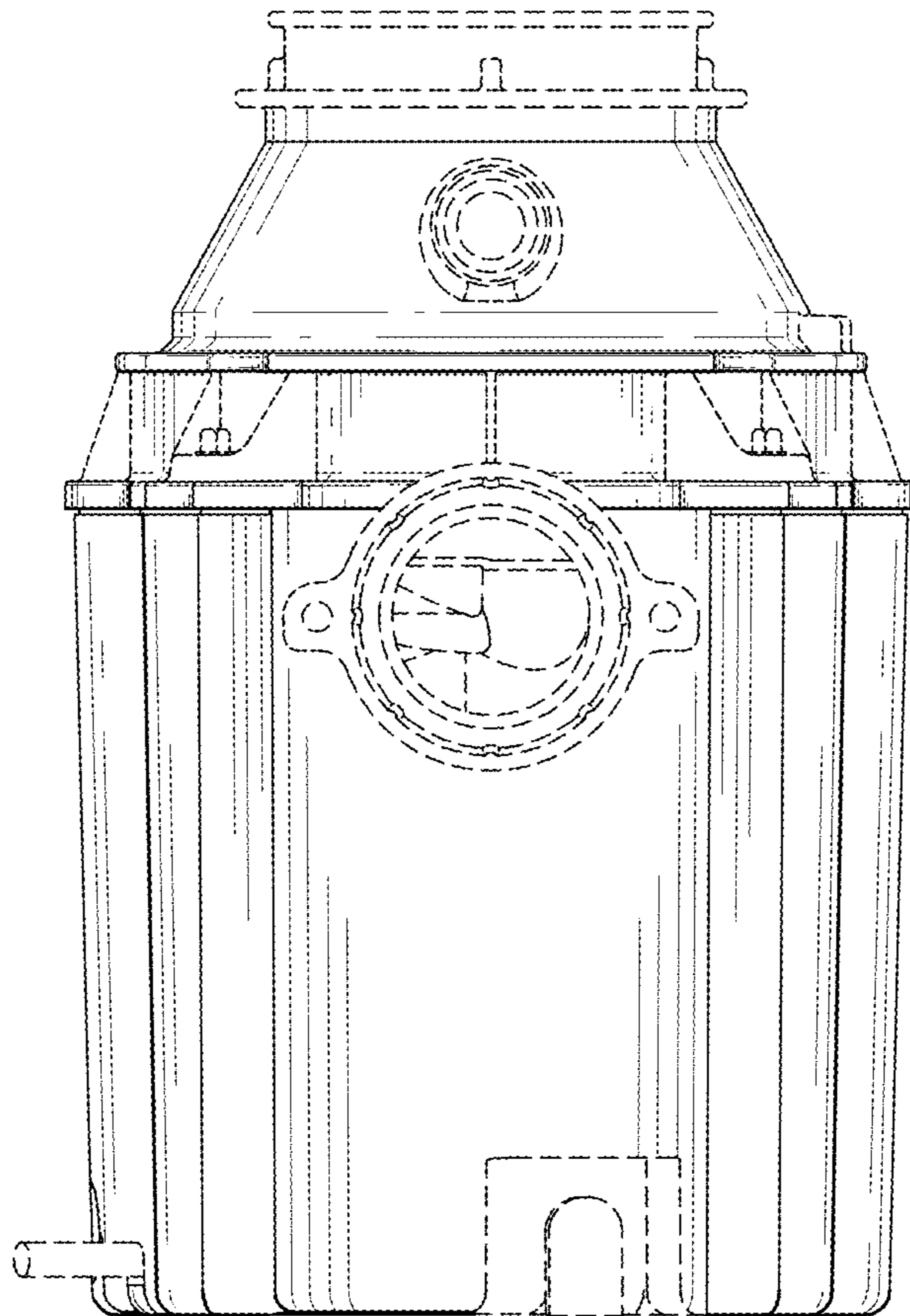


Fig-2

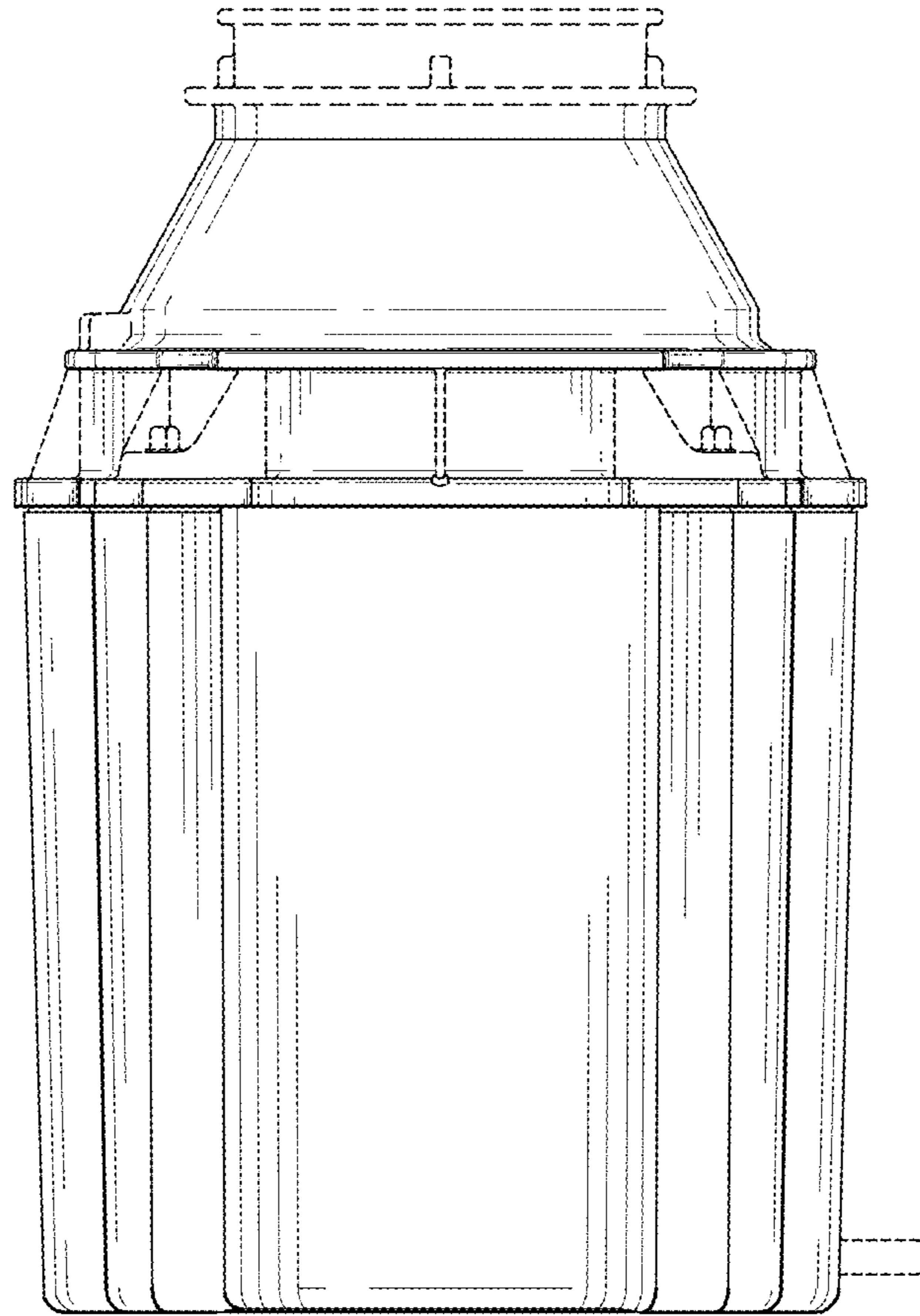


Fig-3

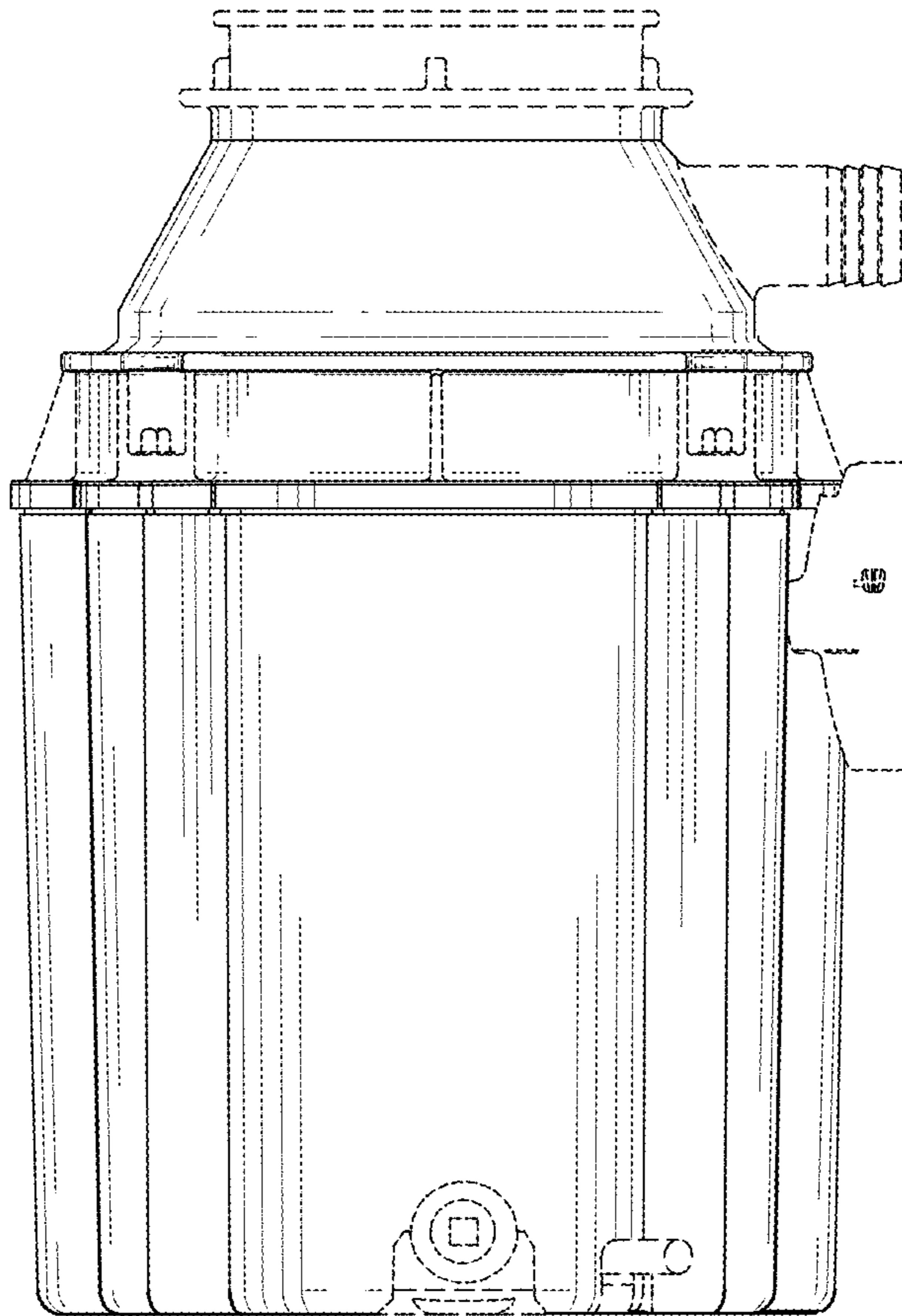


Fig-4

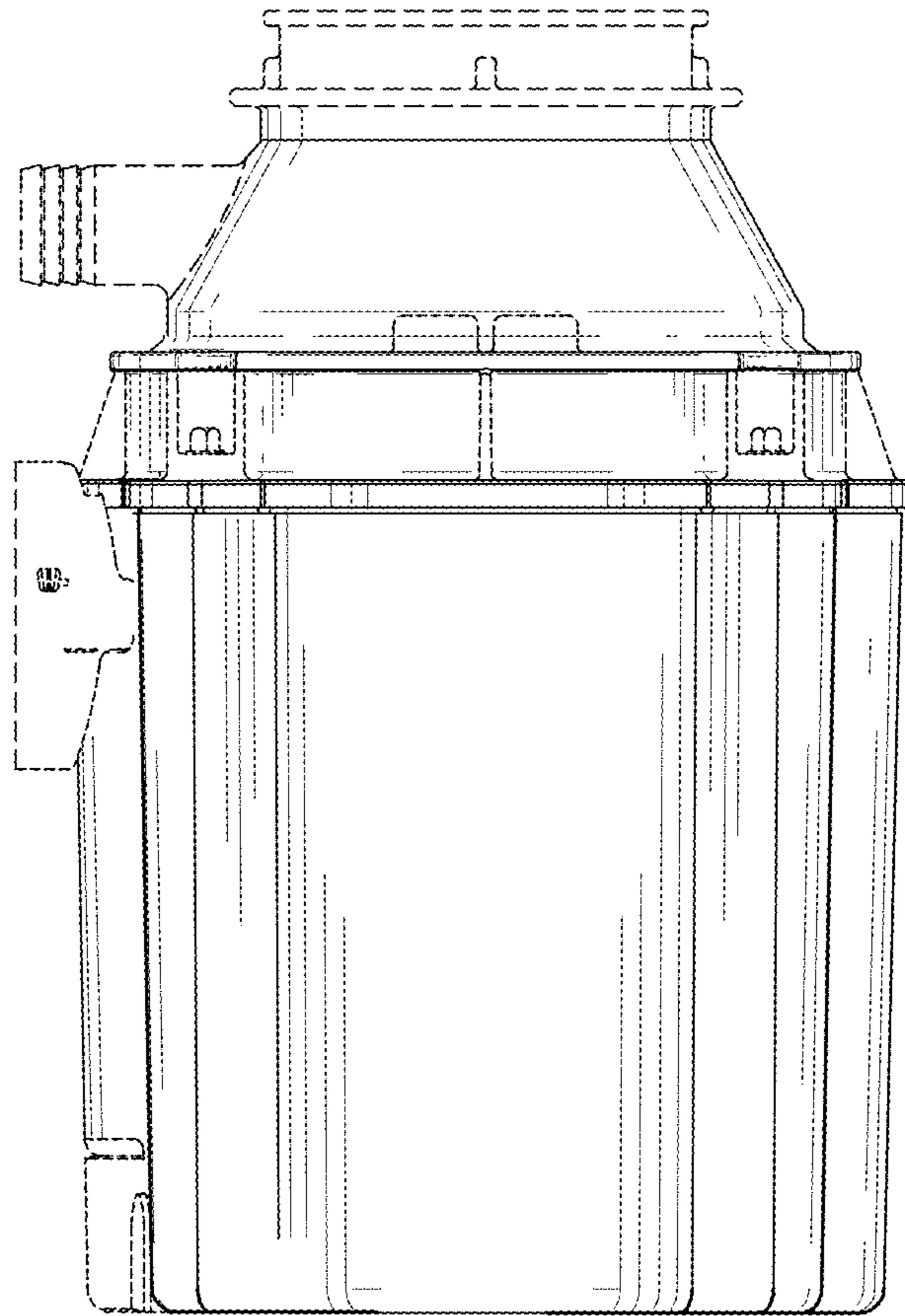


Fig-5

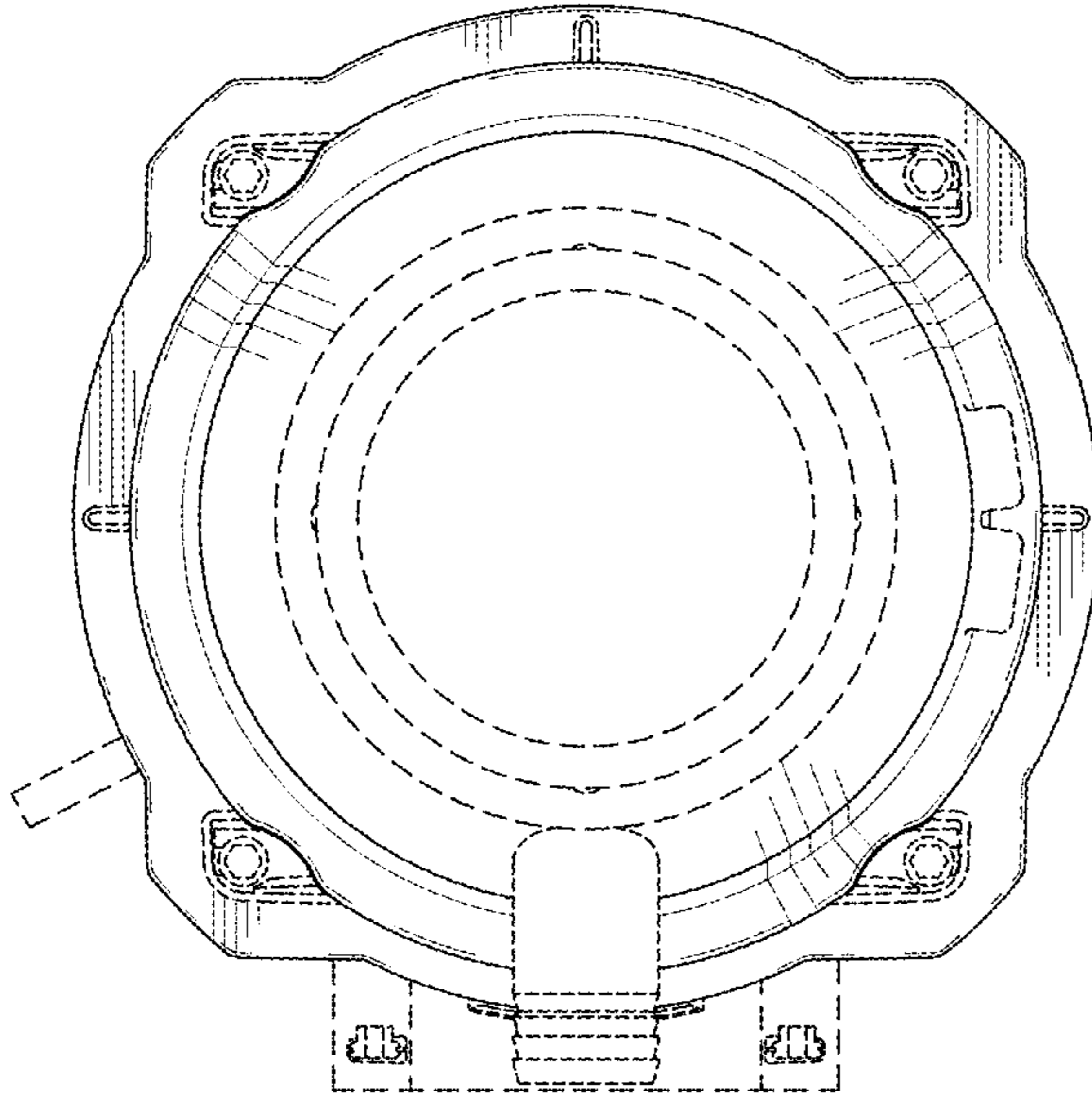


Fig-6

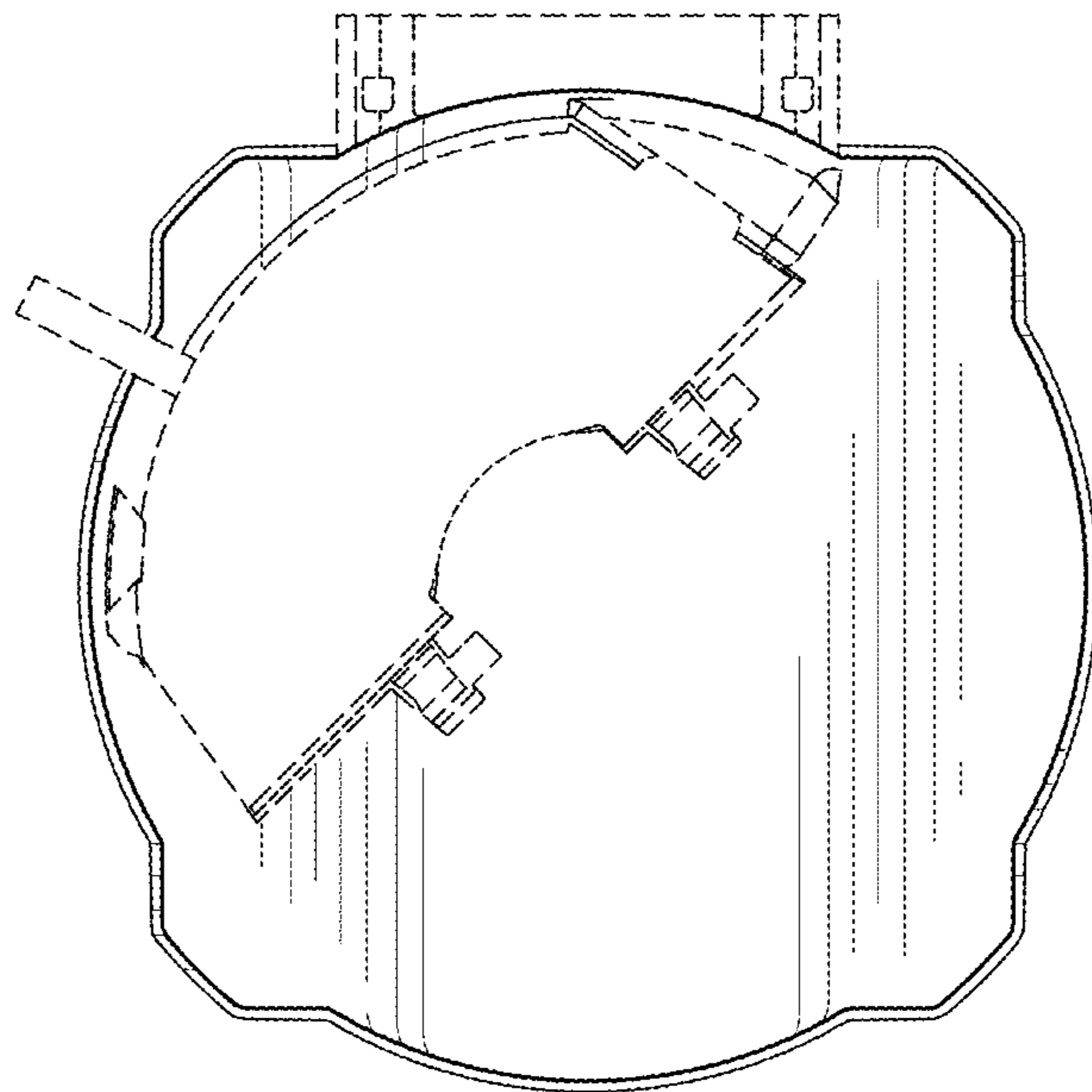


Fig-7