



US0D1088702S

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

(10) **Patent No.:** **US D1,088,702 S**

(45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **FOOD WASTE DISPOSER HOUSING**

(71) Applicant: **InSinkErator Appliance (Nanjing) Co., Ltd.**, Nanjing (CN)

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

(21) Appl. No.: **29/915,781**

(22) Filed: **Nov. 3, 2023**

(30) **Foreign Application Priority Data**

May 6, 2023 (CN) ..... 202330259557.7

(51) **LOC (15) Cl.** ..... **31-00**

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

(58) **Field of Classification Search**  
USPC ..... D7/313, 372, 375–385, 608;  
D23/259

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D114,673 S 5/1939 Cravaritis  
D136,302 S 9/1943 Cunningham  
(Continued)

**FOREIGN PATENT DOCUMENTS**

AU 201916446 12/2019  
AU 201916447 12/2019  
(Continued)

**OTHER PUBLICATIONS**

InSinkErator Evolution Compact ¾ HP Compact Garbage Disposer.  
Date First Available on Amazon.com Oct. 16, 2007. <https://www.amazon.com/dp/B00DG837TW?ref> (Year: 2007).\*

(Continued)

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(57) **CLAIM**

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

**DESCRIPTION**

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

FIG. 1 is a front perspective view of the first embodiment of the food waste disposer housing;

FIG. 2 is a front elevational view of the first embodiment of the food waste disposer housing;

FIG. 3 is a rear elevational view of the first embodiment of the food waste disposer housing;

FIG. 4 is a right side elevational view of the first embodiment of the food waste disposer housing;

FIG. 5 is a left side elevational view of the first embodiment of the food waste disposer housing;

FIG. 6 is a top elevational view of the first embodiment of the food waste disposer housing;

FIG. 7 is a bottom elevational view of the first embodiment of the food waste disposer housing;

FIG. 8 is a front perspective view of the second embodiment of the food waste disposer housing;

FIG. 9 is a front elevational view of the second embodiment of the food waste disposer housing;

FIG. 10 is a rear elevational view of the second embodiment of the food waste disposer housing;

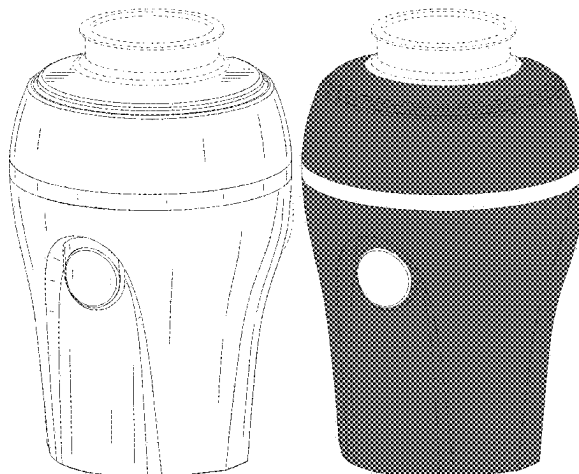
FIG. 11 is a right side elevational view of the second embodiment of the food waste disposer housing;

FIG. 12 is a left side elevational view of the second embodiment of the food waste disposer housing;

FIG. 13 is a top elevational view of the second embodiment of the food waste disposer housing; and,

FIG. 14 is a bottom elevational view of the second embodiment of the food waste disposer housing.

(Continued)



The features shown in broken lines in FIGS. 1-14 illustrate environmental features that form no part of the claimed design.

**1 Claim, 12 Drawing Sheets**  
**(6 of 12 Drawing Sheet(s) Filed in Color)**

(58) **Field of Classification Search**

CPC ..... A61L 11/00; B02C 13/00; B02C 13/02;  
B02C 13/04; B02C 13/06; B02C 13/2804;  
B02C 18/00; B02C 18/0076; B02C  
18/0084; B02C 18/0092; B02C  
2013/2808; B02C 2013/2812; B02C  
25/00; E03C 1/26; E03C 1/2665; E03C  
1/28; E03C 1/30; E03C 1/302; E03C  
1/304

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D189,320	S	11/1960	Fellnagel	
D194,128	S *	11/1962	Hawkins	D7/375
D206,914	S	2/1967	Phillips	
D207,918	S *	6/1967	Clark	D7/375
D212,127	S *	8/1968	Smith	D7/375
D248,440	S	7/1978	Bryan et al.	
D282,895	S	3/1986	Sagol	
D293,537	S	1/1988	Seike et al.	
D336,823	S	6/1993	Ancona et al.	
D426,421	S	6/2000	Hirsch et al.	
D430,987	S	9/2000	Brandel et al.	
D431,153	S	9/2000	Brandel et al.	
D431,752	S	10/2000	Brandel et al.	
D451,755	S	12/2001	Brandel et al.	
D452,110	S	12/2001	Anderson et al.	
D454,467	S *	3/2002	Magermans	D34/39
D455,603	S	4/2002	Brandel et al.	
D455,604	S	4/2002	Brandel et al.	
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.	
D544,746	S	6/2007	de Vries	
D551,895	S	10/2007	Allen et al.	
D588,862	S	3/2009	Saeed et al.	
D613,563	S	4/2010	Burgess et al.	
D654,302	S *	2/2012	Shepherd	D7/375
D684,003	S	6/2013	Bennage et al.	
D684,004	S	6/2013	Koparde et al.	
D684,005	S	6/2013	Mahale et al.	
D706,572	S	6/2014	Gamble et al.	
D716,102	S *	10/2014	Morales	D7/608
D746,100	S	12/2015	Falcone et al.	
D753,432	S	4/2016	Hammer et al.	
D753,433	S	4/2016	Gamble et al.	
D759,423	S	6/2016	Gamble et al.	
D780,505	S	3/2017	Gamble et al.	
D799,285	S	10/2017	Du	
D816,811	S *	5/2018	Dagdelen	D23/259

D822,426	S	7/2018	Gamble et al.	
D853,175	S	7/2019	Gamble et al.	
D915,816	S	4/2021	Gamble	
D915,817	S	4/2021	Gamble	
D934,034	S	10/2021	Cavanaugh	
D958,310	S	7/2022	Wurm et al.	
D1,016,990	S *	3/2024	Eilmus	D7/375
D1,026,538	S *	5/2024	Schultz	D7/375
D1,026,539	S *	5/2024	Schultz	D7/375
D1,026,540	S *	5/2024	Schultz	D7/375
2020/0284011	A1 *	9/2020	Liu	B02C 25/00
2021/0032853	A1 *	2/2021	Reidel	E03C 1/2665

**FOREIGN PATENT DOCUMENTS**

AU	202212064	5/2022
AU	202212065	5/2022
AU	202212066	5/2022
AU	202212067	5/2022
CN	306195720	11/2020
CN	306358046	3/2021
CN	306720616	7/2021
CN	307124444	2/2022
CN	307178629	3/2022
CN	2021308461740	7/2022
CN	2021308461755	7/2022
CN	2021308468398	7/2022
CN	2021308468449	7/2022
CN	305995305	8/2022
EM	0084092620001	1/2021
GB	6201397	4/2022
GB	6201399	4/2022
GB	6201401	4/2022

**OTHER PUBLICATIONS**

InSinkErator Procplus Pro Series Food Waste Disposal. Date First Available on Amazon.com Jul. 19, 2013. <https://www.amazon.com/InSinkErator-PROCCPLUS-CoverStart-Evolution-Technology/dp/B00DP0G0LK/ref=Year:2013>.\*

Apr. 3, 2024 Chinese Office Action for Chinese Application No. 202330259557.7 (3pages with partial translation).

May 23, 2024 Response to Apr. 3, 2024 Chinese Office Action for Chinese Application No. 202330259557.7 (18 pages).

Waste Maid Garbage Disposal, Amazon Website, "amazon.com/Waste-Maid-Economy-Food-Disposer/dp/b000JQNSUY?th=1" accessed Oct. 11, 2023 at 10:07 a.m. (6 pages).

Waste Maid Standard 1680, Website "wastemaid.co.uk/product/waste-maid-standard-1680/" accessed Oct. 11, 2023 at 10:07 a. m. (2 pages).

Nov. 24, 2023 Examination Report from New Zealand Intellectual Property Office for NZ Design Application No. 432860 (2 pages).

Jan. 14, 2024 Response to Nov. 24, 2023 Examination Report from New Zealand Intellectual Property Office for NZ Design Application No. 432860 (1 page).

Dec. 22, 2023 Formalities Notice from Australian Government IP for Australian Design No. 202317312 (3 pages).

Jan. 30, 2024 Response to Dec. 22, 2023 Formalities Notice from Australian Government IP for Australian Design No. 202317312 (7 pages).

\* cited by examiner

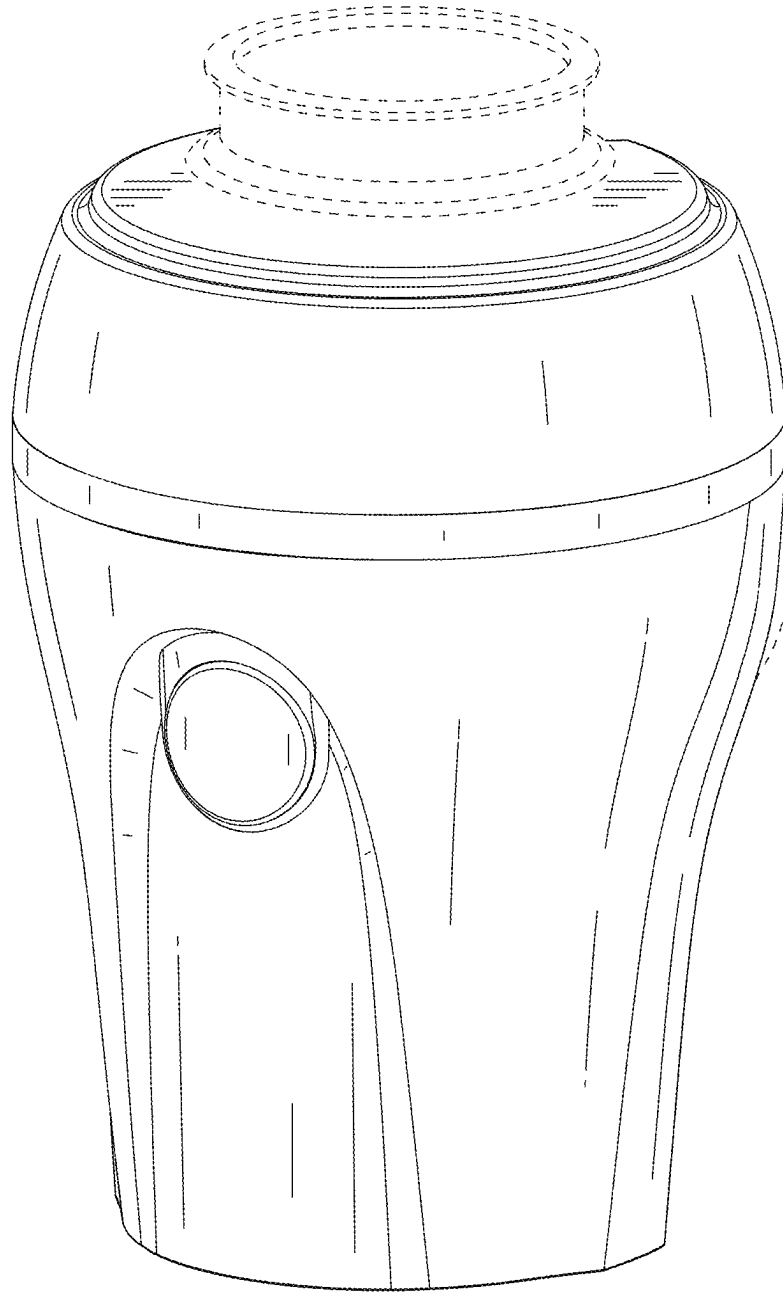


FIG. 1

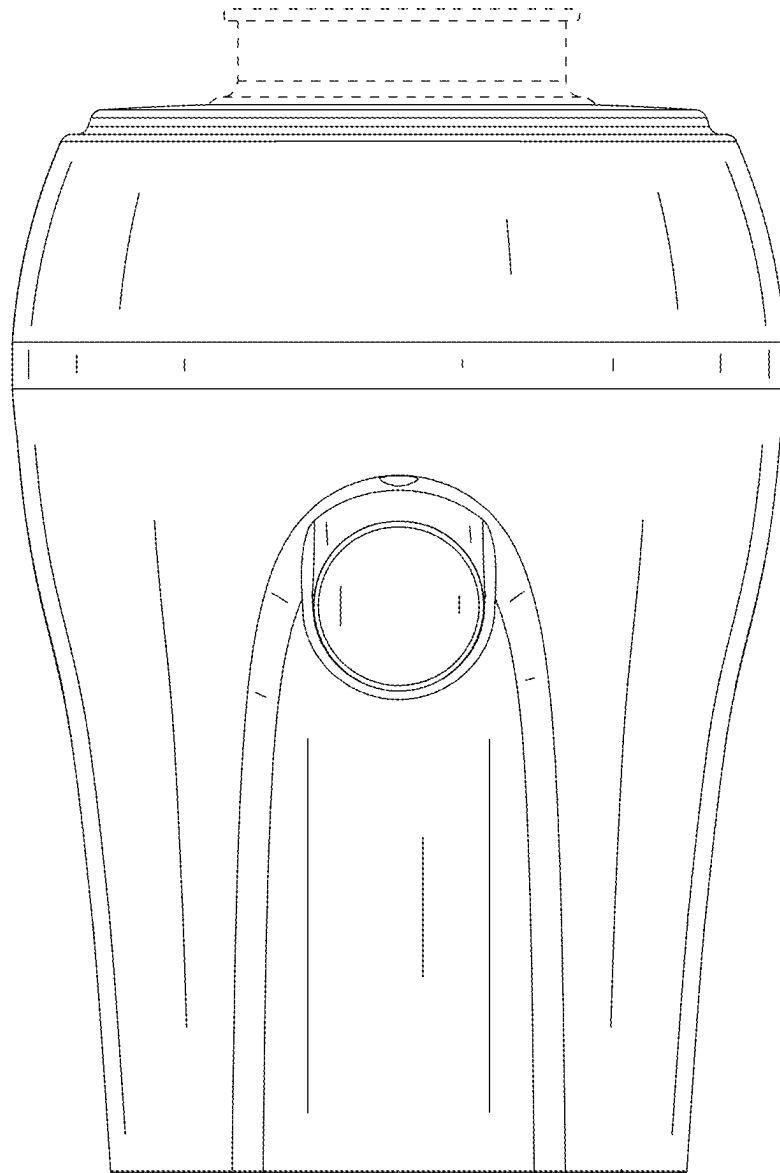


FIG. 2

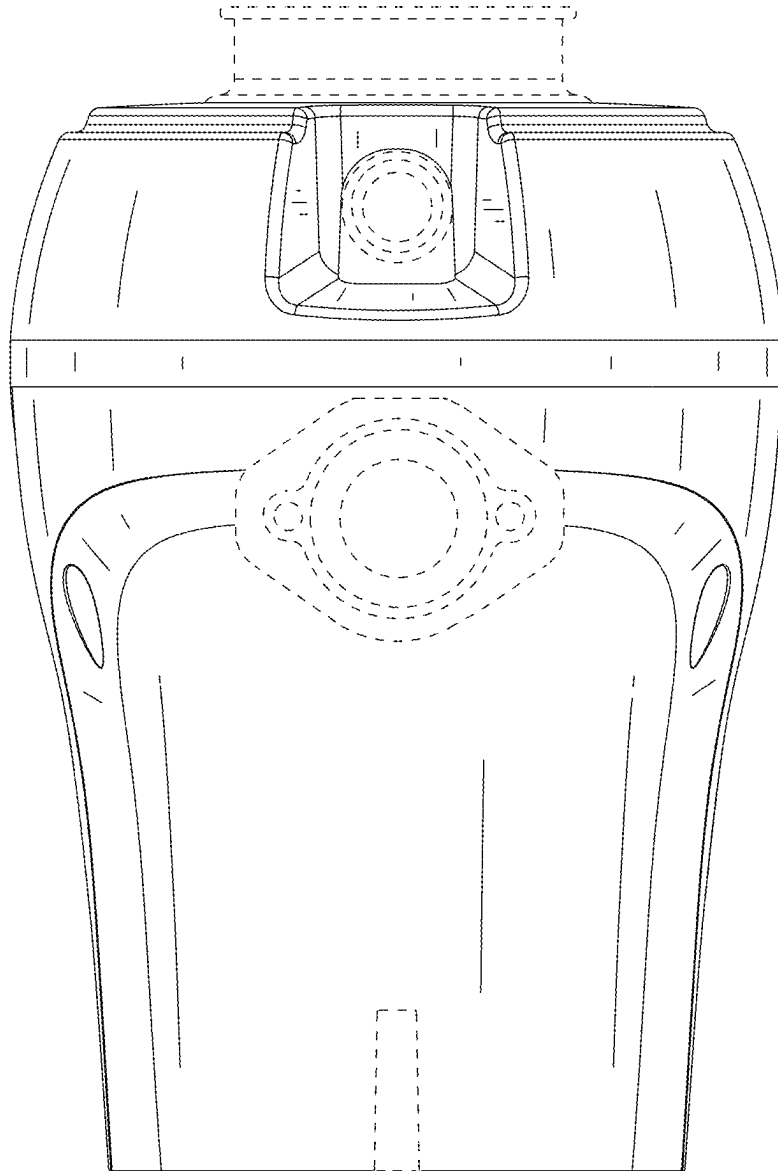


FIG. 3

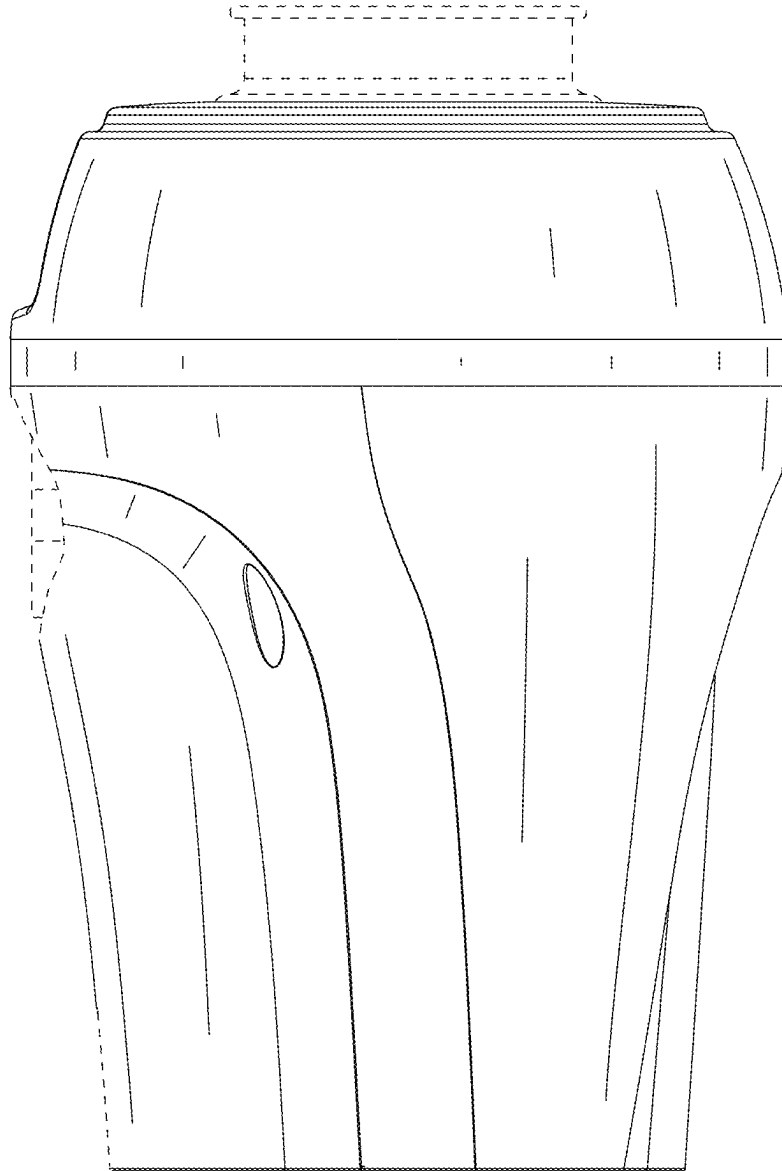


FIG. 4

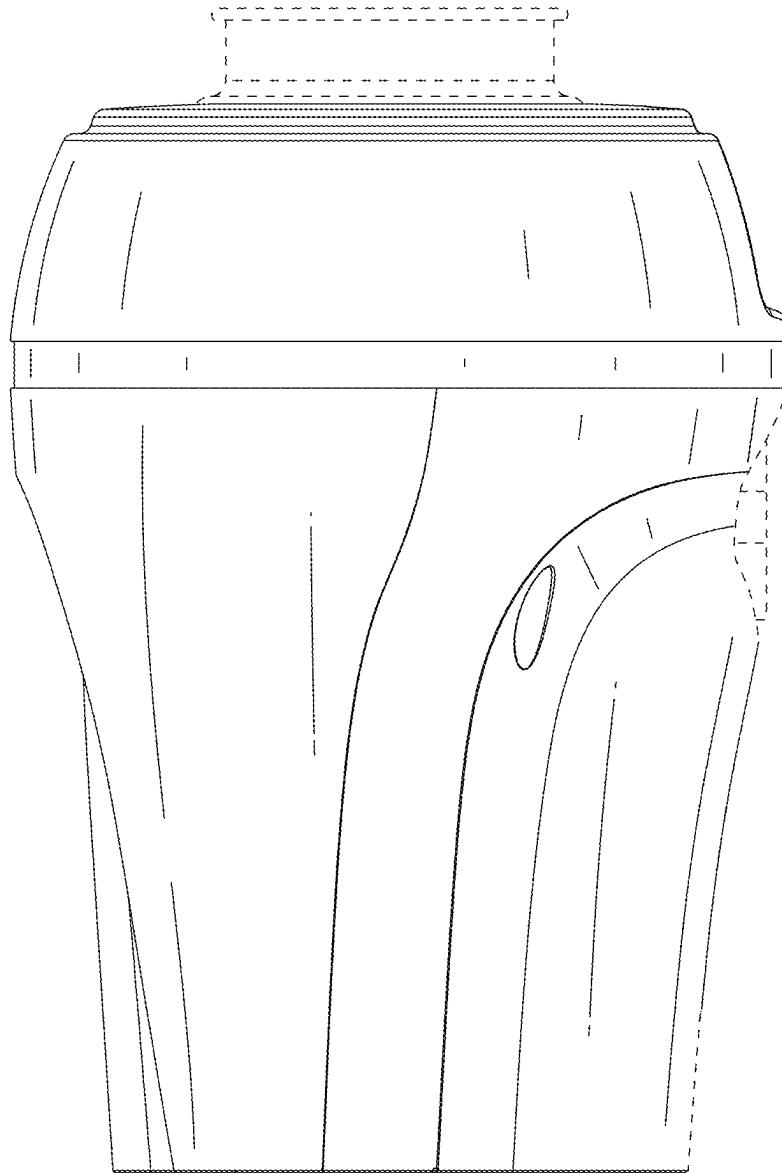


FIG. 5

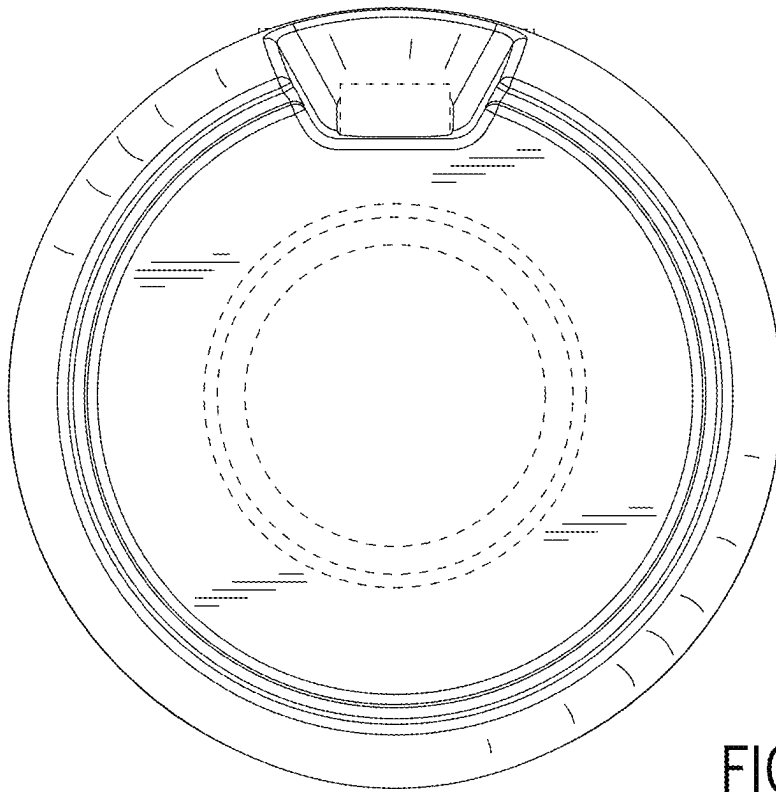


FIG. 6

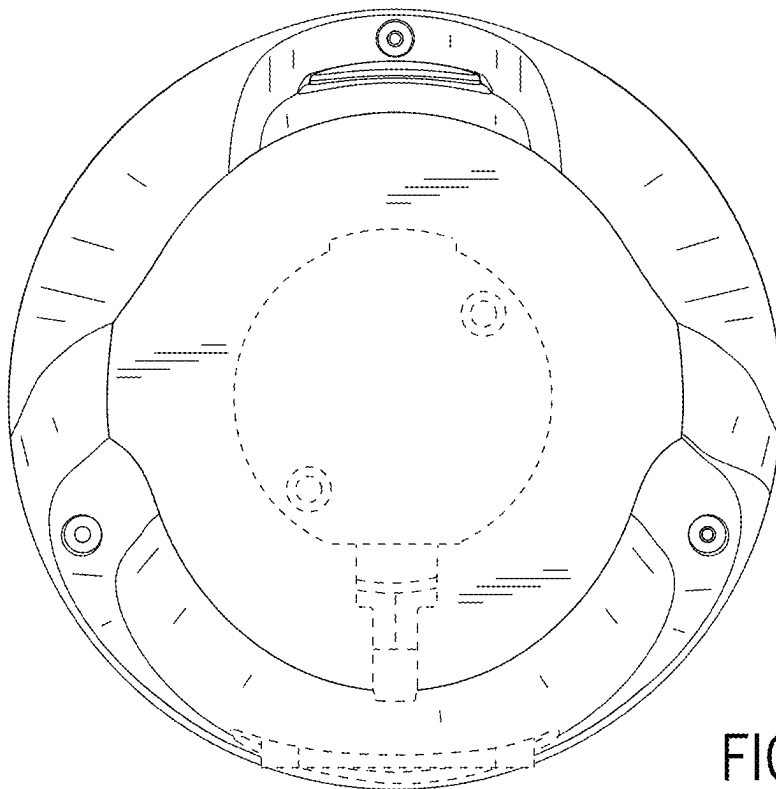


FIG. 7



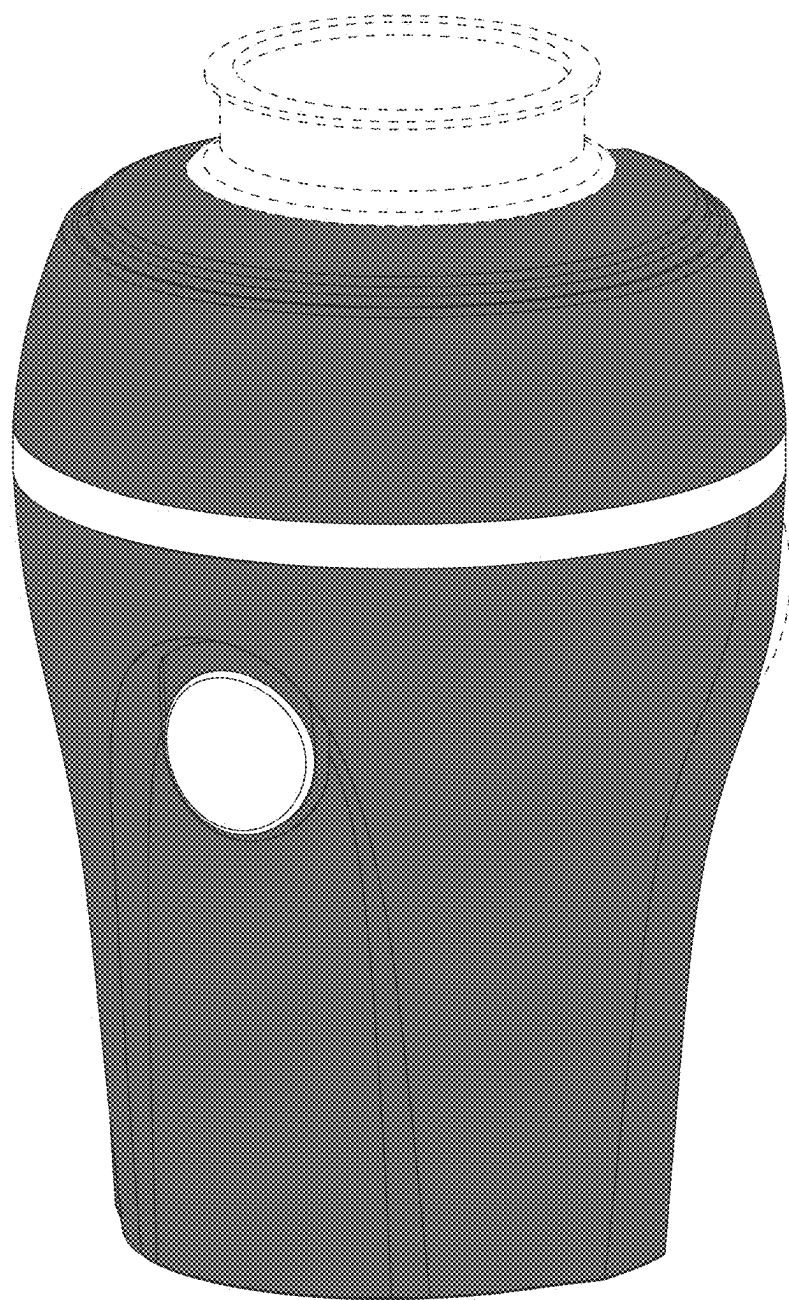


FIG. 8

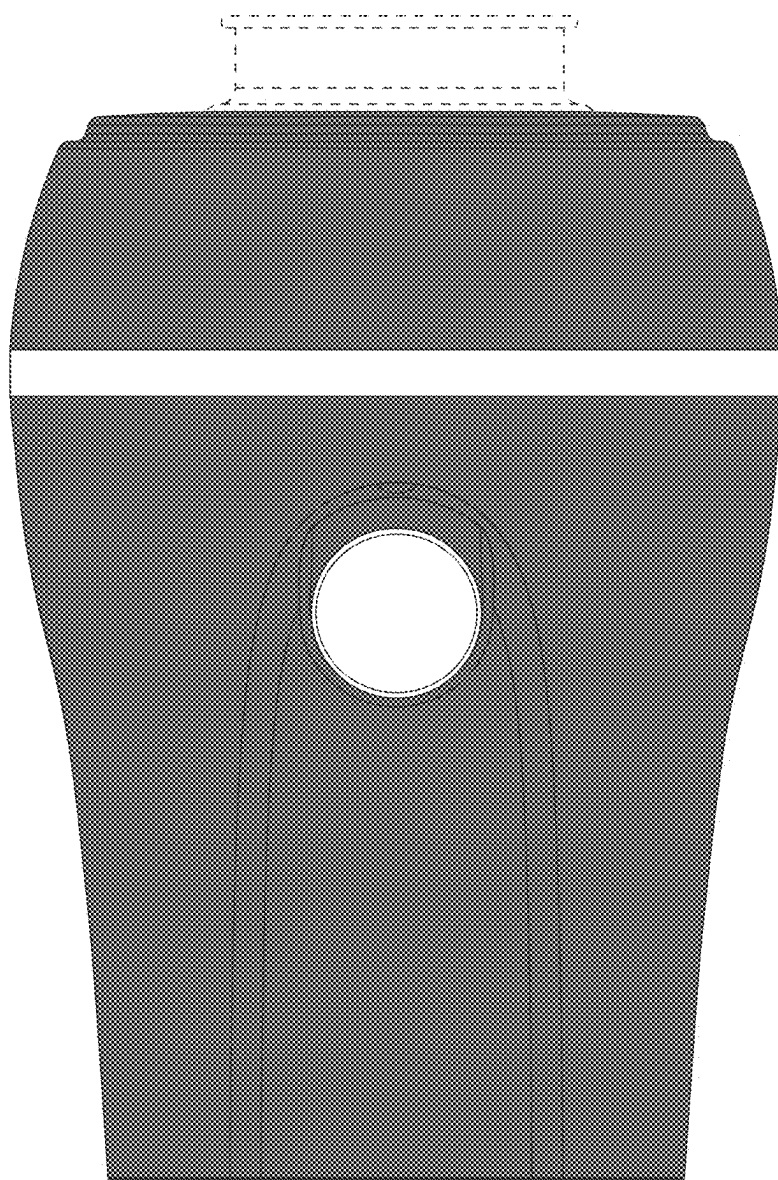


FIG. 9

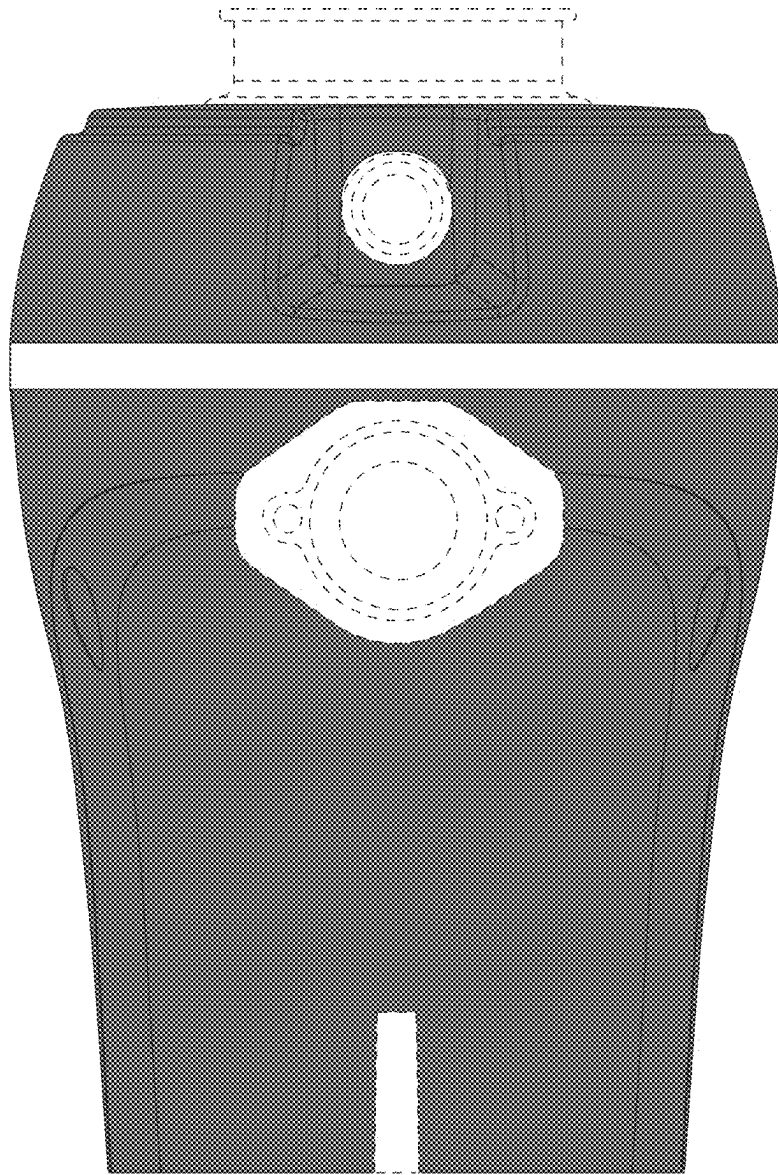


FIG. 10

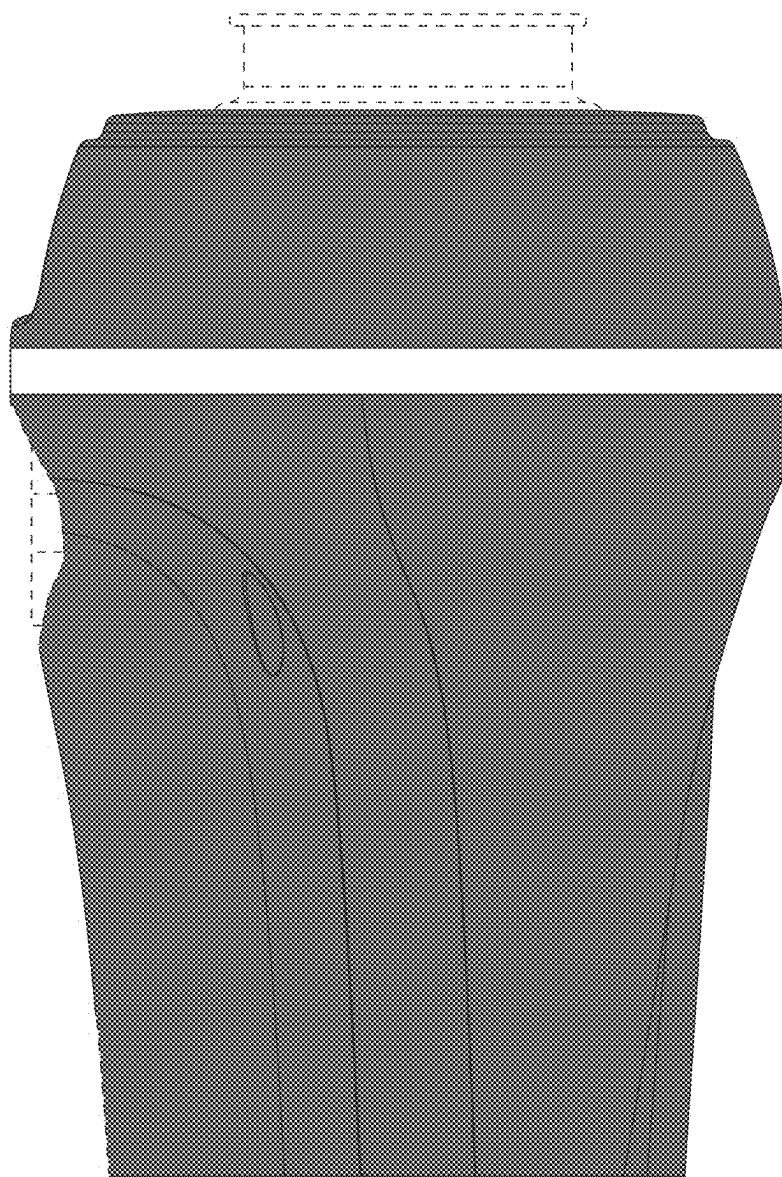


FIG. 11

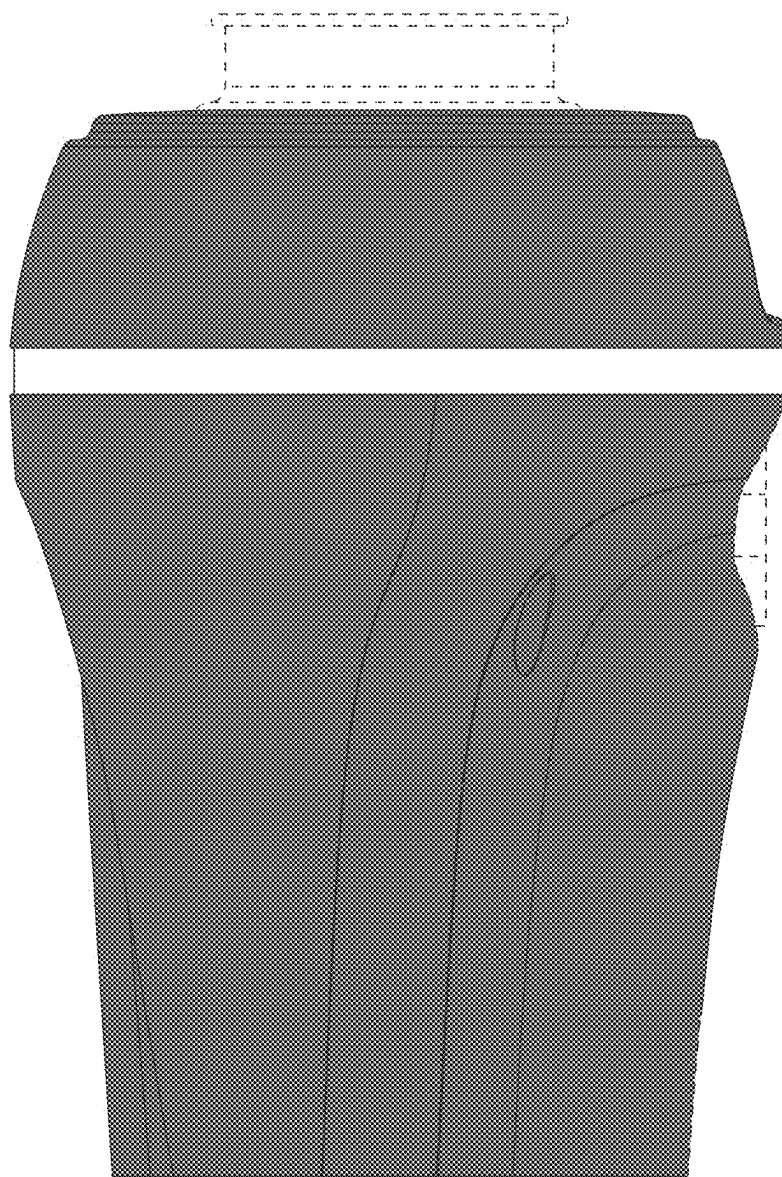


FIG. 12

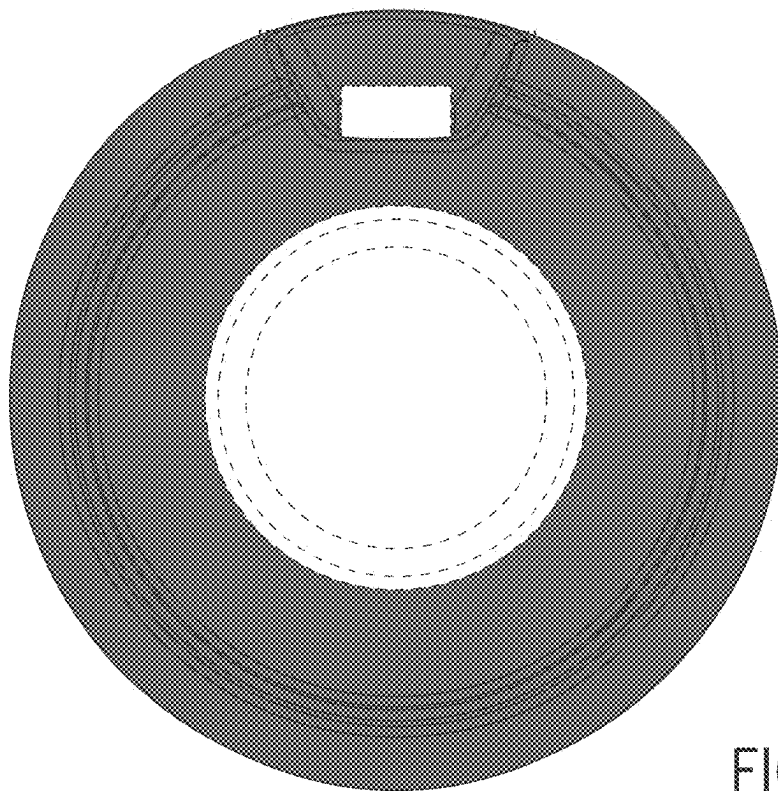


FIG. 13

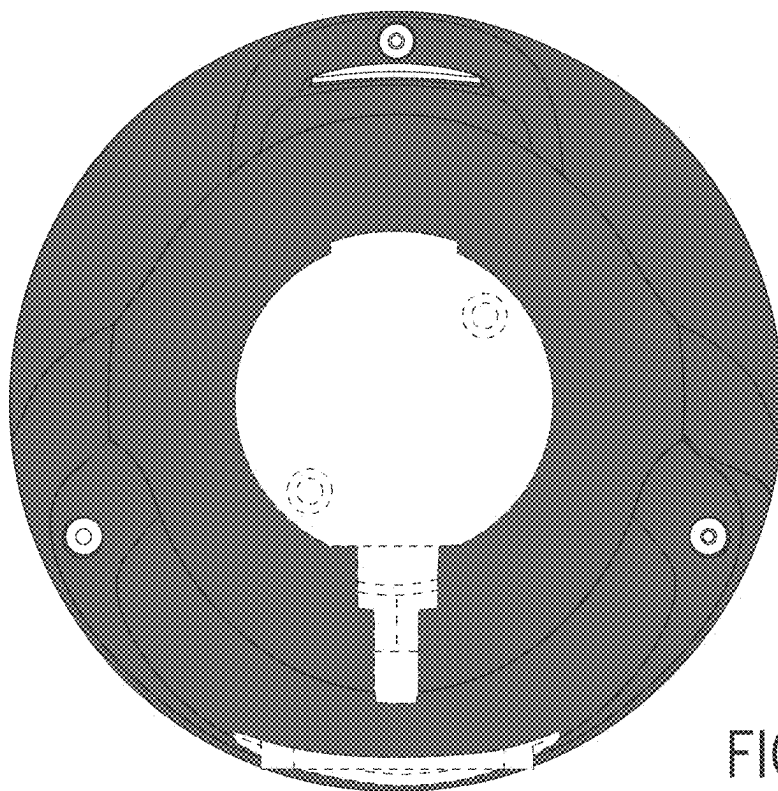


FIG. 14