



US0D1011126S

(12)

United States Design Patent

Yin et al.

(10)

Patent No.:

US D1,011,126 S

(45)

Date of Patent:

** Jan. 16, 2024

(54) BURR GRINDER

(71) Applicant: WHIRLPOOL CORPORATION,
Benton Harbor, MI (US)

(72) Inventors: ZhaoYi Yin, Benton Harbor, MI (US);
Ben C. Shao, Stevensville, MI (US);
John W. McConnell, St. Joseph, MI
(US); Mansour Oursanah, Chicago,
IL (US)

(73) Assignee: Whirlpool Corporation, Benton
Harbor, MI (US)

(**) Term: 15 Years

(21) Appl. No.: 29/884,044

(22) Filed: Feb. 7, 2023

Related U.S. Application Data

(63) Continuation of application No. 29/737,441, filed on
Jun. 9, 2020, now Pat. No. Des. 980,673, which is a
continuation of application No. 29/643,860, filed on
Apr. 12, 2018, now Pat. No. Des. 889,906.

(51) LOC (14) Cl. 07-01

(52) U.S. Cl.
USPC D7/397; D7/373

(58) Field of Classification Search

USPC D7/309, 310, 372, 373, 376–386, 397,
D7/412–413, 602, 629, 665–666, 669,
D7/679, 693–694
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; 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

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D343,758	S	2/1994	Beeren	
D353,075	S	12/1994	Littmann et al.	
D389,010	S *	1/1998	Joergensen	D7/373
D391,441	S *	3/1998	Tanaka	D7/372
D404,246	S *	1/1999	Arita	D7/372
D420,248	S *	2/2000	Uemura	D7/373
D437,523	S *	2/2001	Glucksman	D7/373
D483,221	S	12/2003	Ledingham et al.	
D500,427	S	1/2005	Fung	

(Continued)

OTHER PUBLICATIONS

Enzo Conical Burr Coffee Grinder. Date First Available on Amazon.
com Jan. 14, 2021. <https://www.amazon.com/ENZOO-Electric-Detachable-Cleaning-Percolator/dp/B08SW9Z9LG/ref> (Year: 2021).*

Primary Examiner — Ricky Pham

(74) Attorney, Agent, or Firm — Price Heneveld LLP

(57)

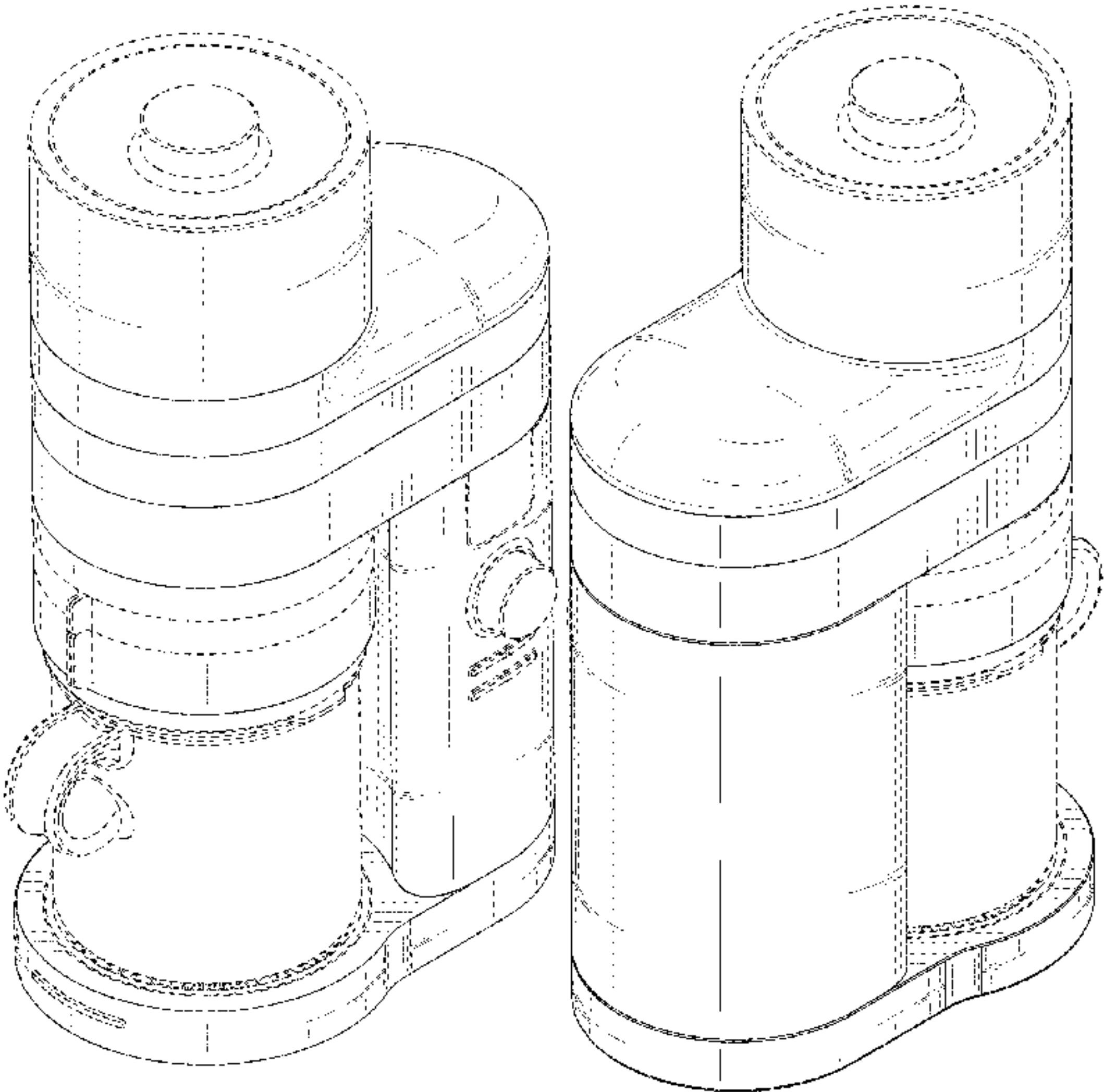
CLAIM

The ornamental design for a burr grinder, as shown and
described.

DESCRIPTION

FIG. 1 is a front perspective view of a burr grinder according
to an embodiment of our design;
FIG. 2 is a rear perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a back elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The portions of the article shown in broken lines form no
part of the claimed design.

1 Claim, 8 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D580,208	S	11/2008	Cheng	
D653,905	S	2/2012	Bodum	
D673,419	S	1/2013	De Pra	
D708,921	S	7/2014	Hoare et al.	
D764,863	S	8/2016	Lee et al.	
9,427,110	B2	8/2016	Hoare et al.	
D804,893	S	12/2017	De Longhi et al.	
D839,041	S	1/2019	Vu et al.	
D839,659	S	2/2019	Cometti	
D849,464	S	5/2019	McConnell et al.	
D853,174	S	7/2019	Zernhelt et al.	
D861,407	S	10/2019	Vu et al.	
D880,223	S *	4/2020	Koidl	D7/372
D889,906	S *	7/2020	Yin	D7/397
D916,548	S *	4/2021	Bazzicalupo	D7/373
D942,200	S *	2/2022	McConnell	D7/309
D956,463	S *	7/2022	Kim	D7/311
D980,673	S *	3/2023	Yin	D7/397
D981,783	S *	3/2023	Gollnick	D7/373
D992,337	S *	7/2023	Bourgeois	D7/373
2010/0011975	A1	1/2010	Mazzer	
2016/0235249	A1	8/2016	Teahan	
2017/0138782	A1	5/2017	Beber et al.	
2018/0303288	A1	10/2018	Mazzer	

* cited by examiner

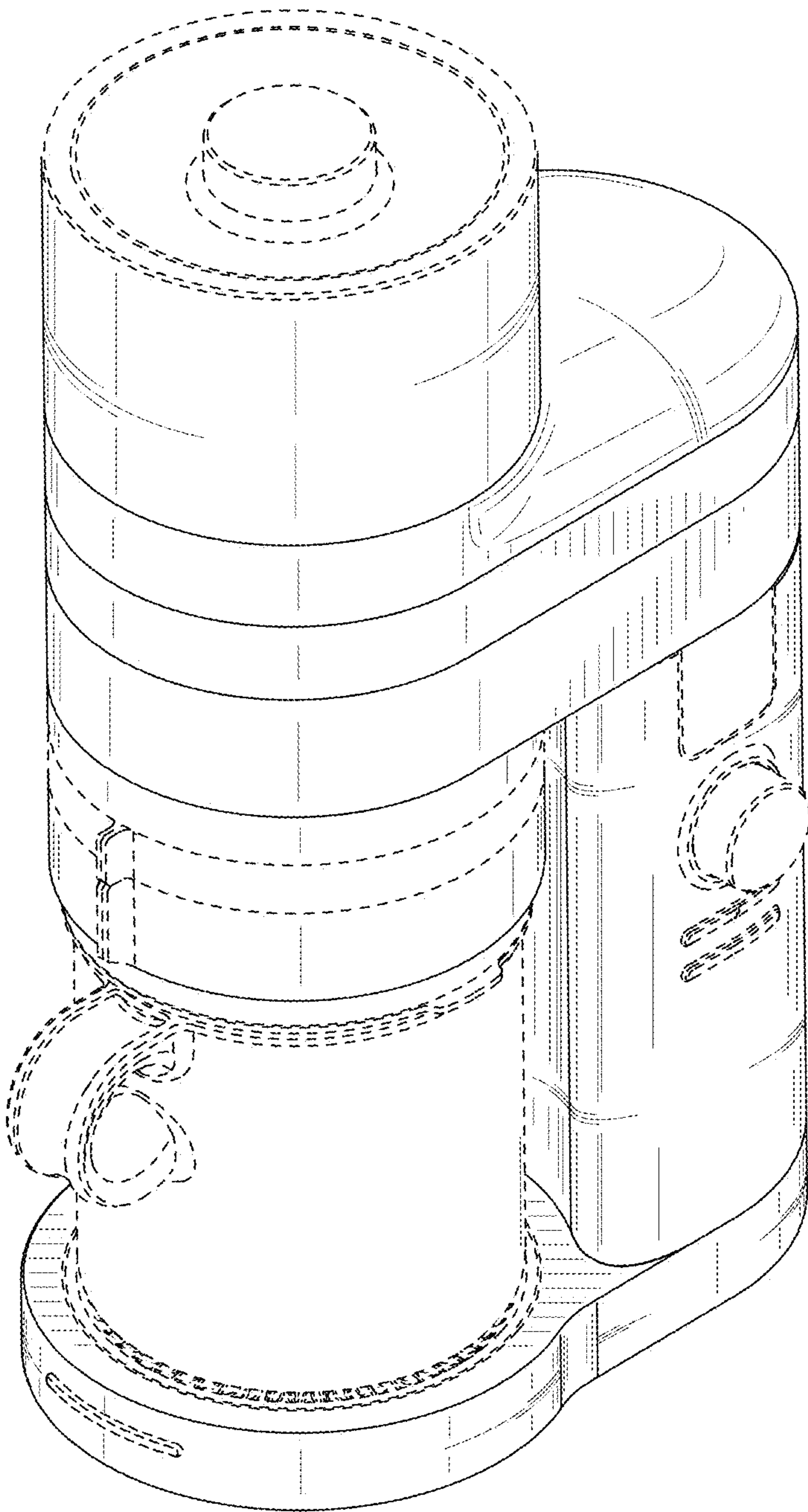


FIG. 1

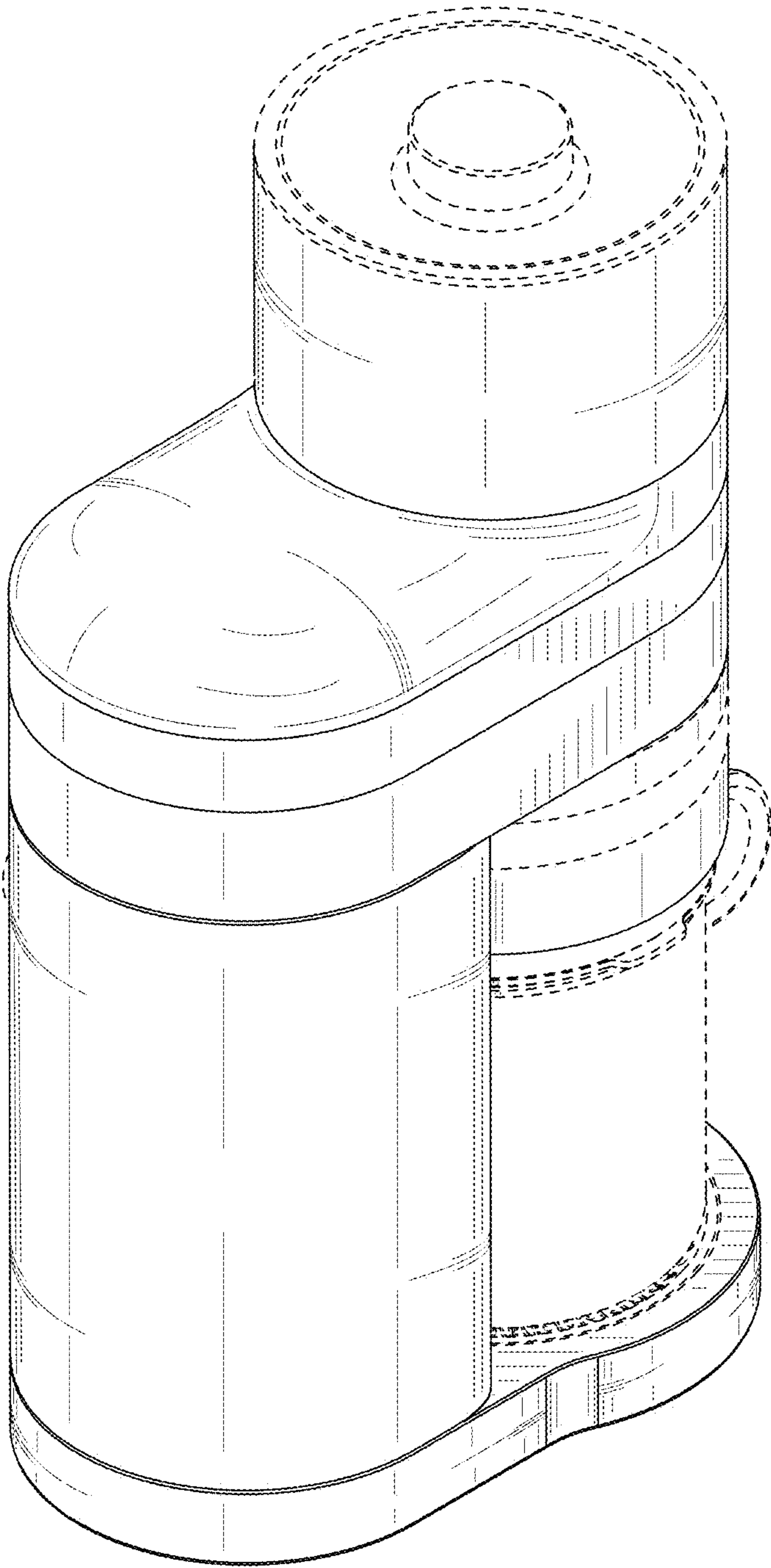


FIG. 2

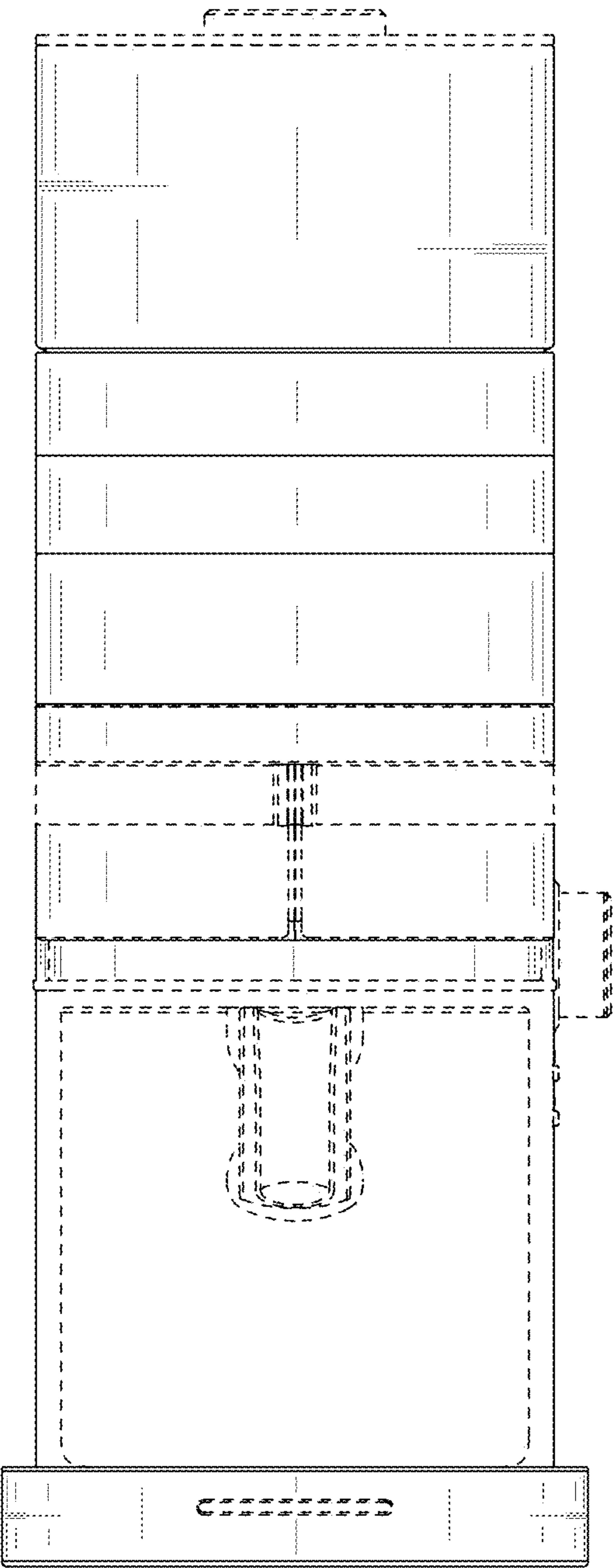


FIG. 3

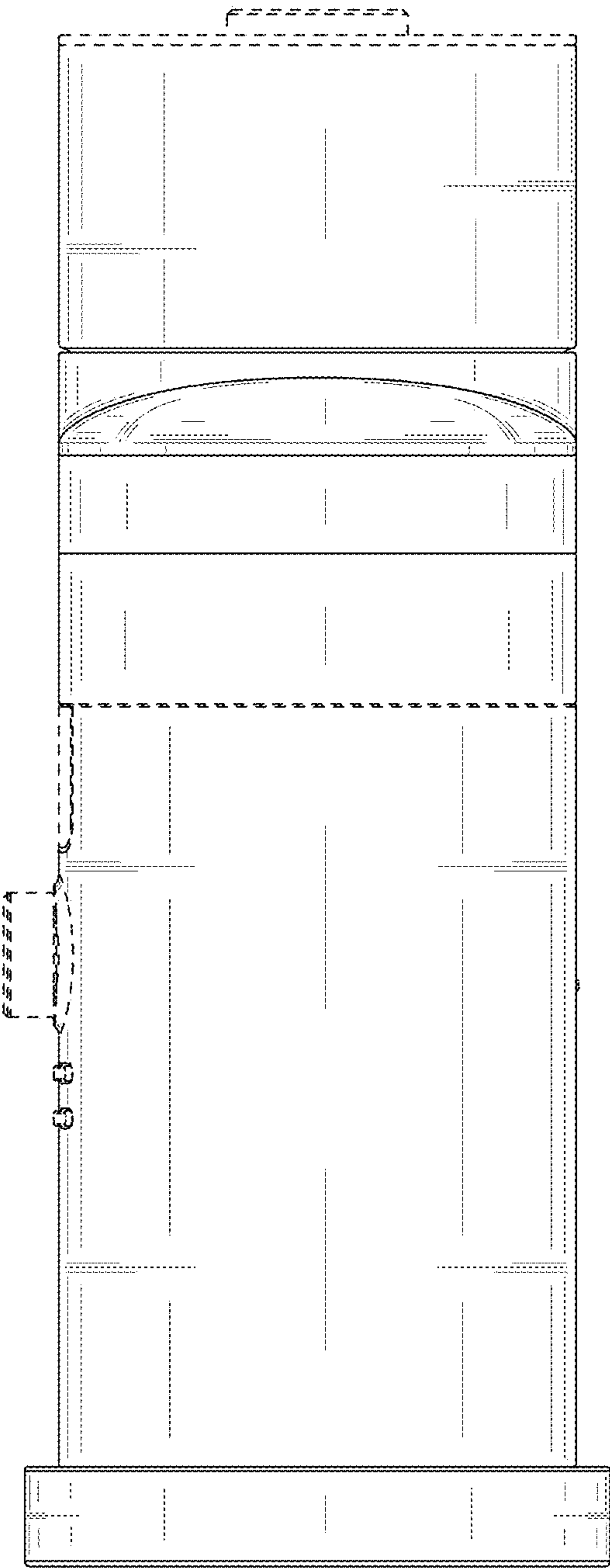


FIG. 4

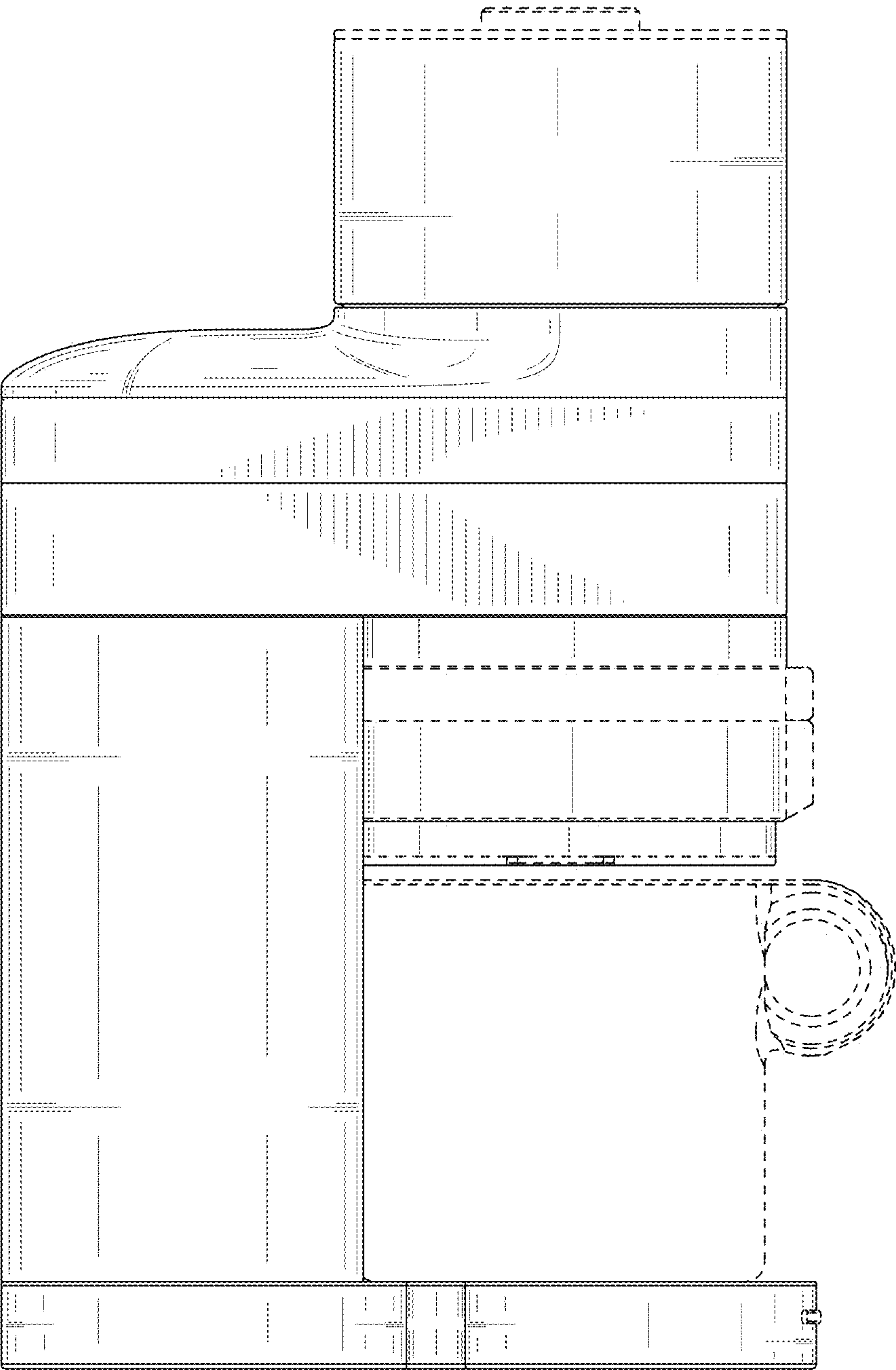


FIG. 5

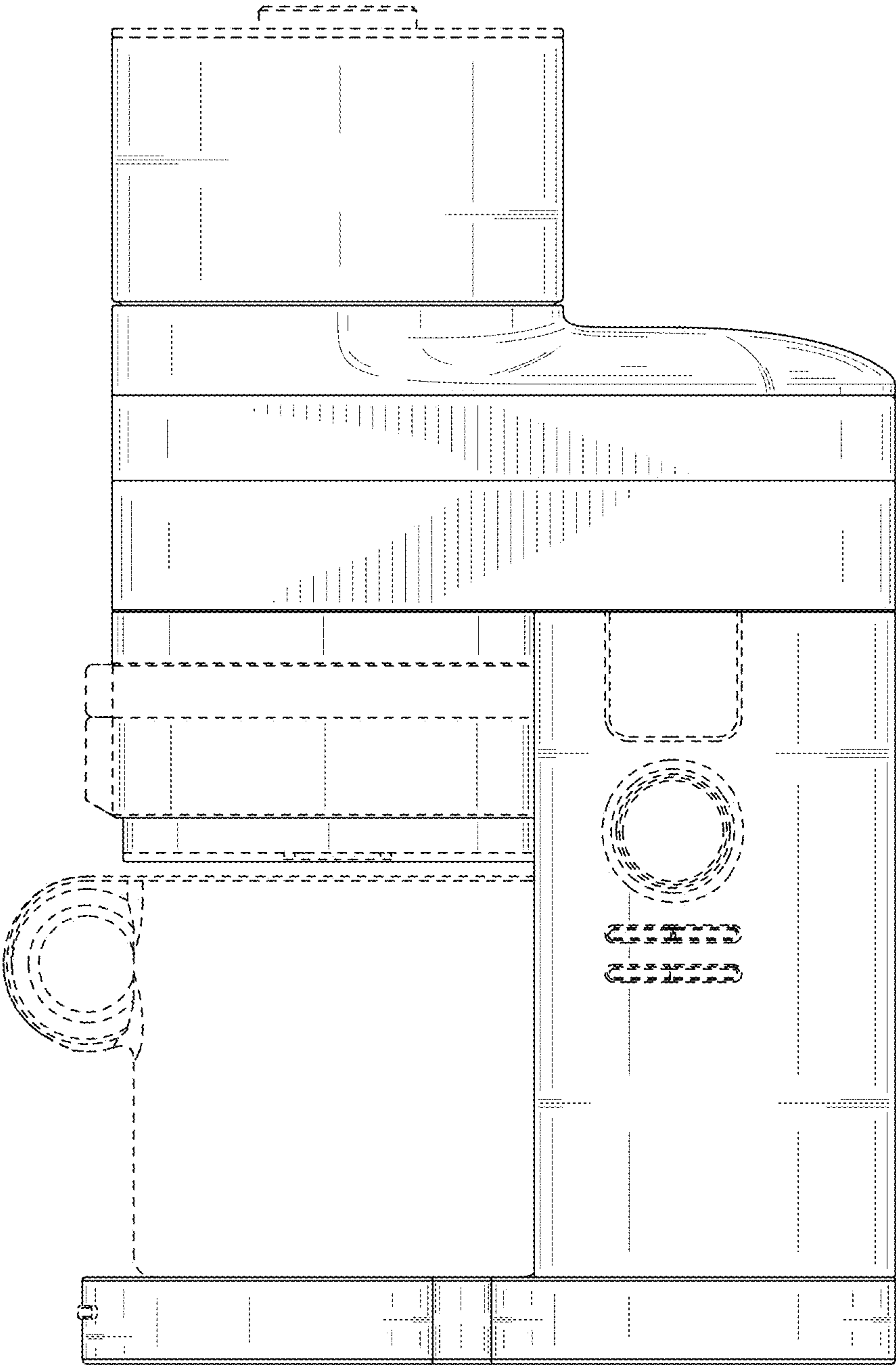


FIG. 6

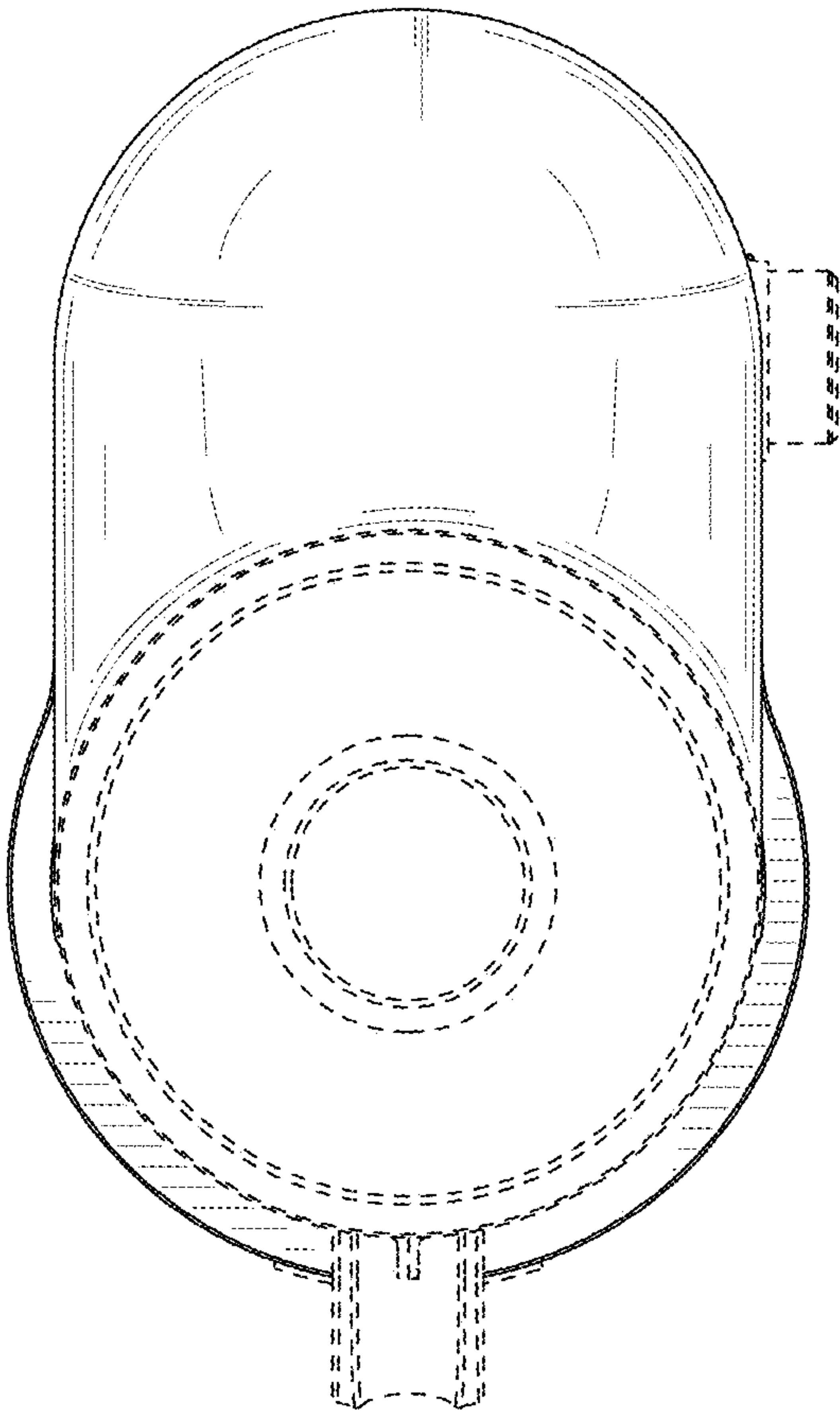


FIG. 7

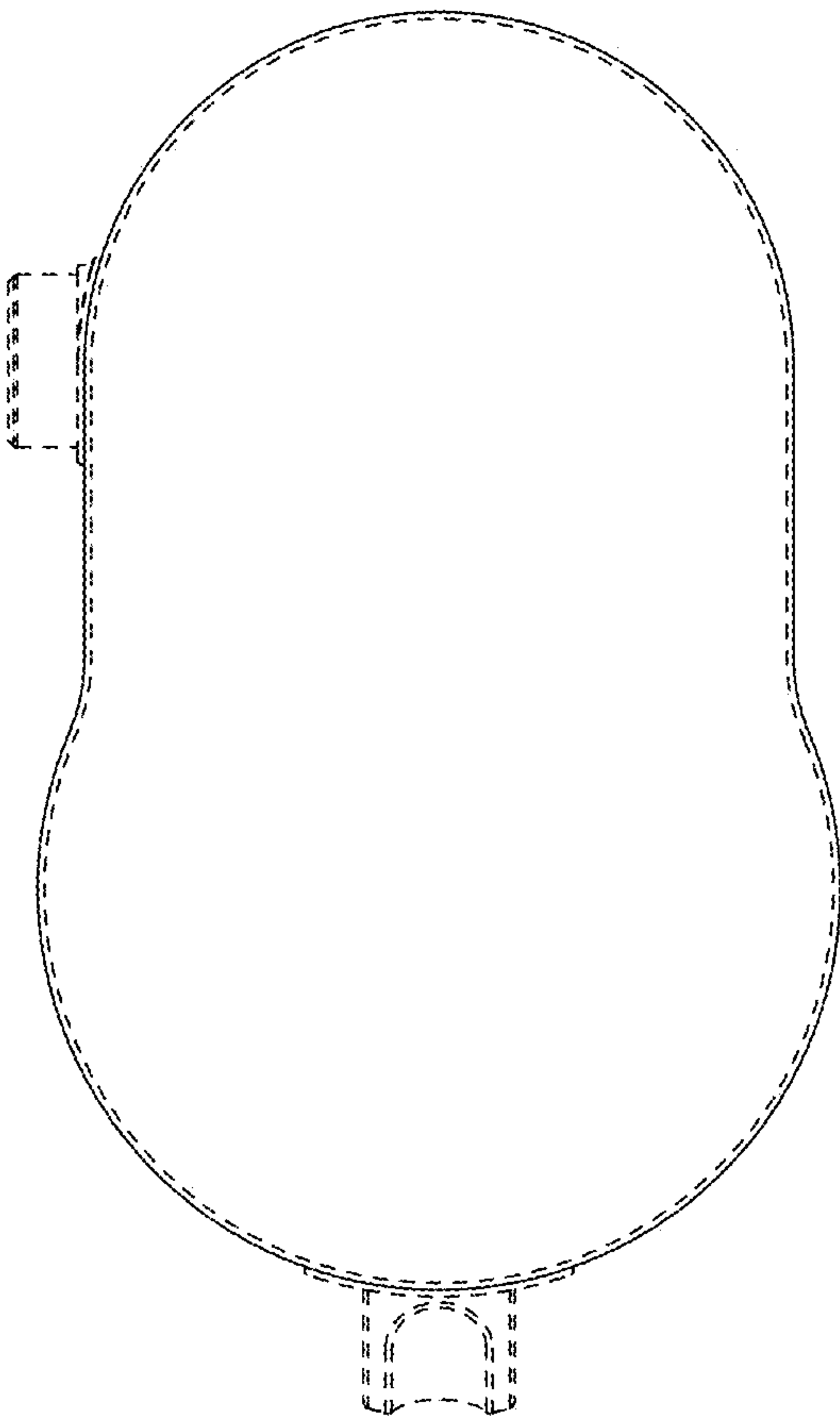


FIG. 8