



US0D1069153S

(12) **United States Design Patent**
Zhang

(10) **Patent No.:** **US D1,069,153 S**

(45) **Date of Patent:** **** Apr. 1, 2025**

- (54) **FLUID COLLECTION DEVICE**
- (71) Applicant: **AMERICAN MOLECULAR LABORATORIES INC.**, Vernon Hills, IL (US)
- (72) Inventor: **Hongjun Zhang**, Buffalo Grove, IL (US)
- (73) Assignee: **AMERICAN MOLECULAR LABORATORIES INC.**, Vernon Hills, IL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/860,132**
- (22) Filed: **Nov. 16, 2022**
- (51) **LOC (15) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/216**
- (58) **Field of Classification Search**
USPC D24/118, 121, 207, 216, 217, 218, 219, D24/220, 224, 232, 186, 233, 122, 223, D24/225, 227; D10/81
CPC A61B 10/0051; A61B 10/0096; C12Q 1/6883; C12Q 1/6806; B01L 3/5023; B01L 3/523; B01L 3/565; B01L 2300/0809
See application file for complete search history.

D246,666	S	*	12/1977	Schlichting, Jr.	D24/224
D271,902	S	*	12/1983	Campton	D24/112
D285,115	S	*	8/1986	Proud	D24/224
D285,487	S	*	9/1986	Tjernagel	D23/209
D287,570	S	*	1/1987	Olsen	D24/224
D289,378	S	*	4/1987	Miskinis	D9/439
4,839,291	A	*	6/1989	Welsh	A61L 2/28 435/31
D340,289	S	*	10/1993	Gerber	D24/223
D380,837	S	*	7/1997	Pearson	D24/223
D383,214	S	*	9/1997	Brennan	D24/224
D389,586	S	*	1/1998	Brennan	D24/224
D393,061	S	*	3/1998	Mandich	D23/309
D431,299	S	*	9/2000	Lammie	D24/224
D435,104	S	*	12/2000	Urueta	D24/144
D438,982	S	*	3/2001	Lodge	D24/224
D446,865	S	*	8/2001	Conway	D24/224
D470,240	S	*	2/2003	Niedbala	D24/223
D497,425	S	*	10/2004	McQuaid	D24/216
D542,928	S	*	5/2007	Bauer	D24/217

(Continued)

Primary Examiner — T Chase Nelson
Assistant Examiner — Kelly L Gross
 (74) *Attorney, Agent, or Firm* — Morgan, Lewis & Bockius LLP

(57) **CLAIM**

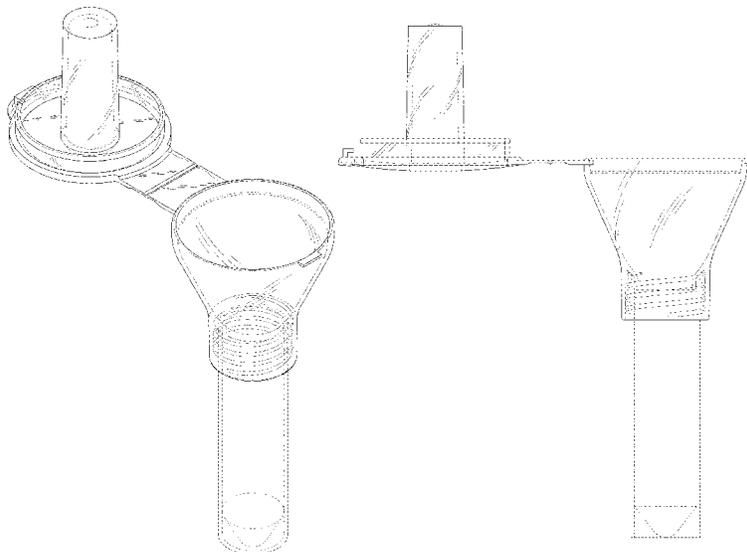
The ornamental design for a fluid collection device as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a fluid collection device showing my new design;
 FIG. 2 is a front elevational view thereof;
 FIG. 3 is a rear elevational view thereof;
 FIG. 4 is a left-side elevational view thereof;
 FIG. 5 is a right-side elevational view thereof;
 FIG. 6 is a top plan view thereof; and,
 FIG. 7 is bottom plan view thereof.
 The broken lines illustrate portions of the fluid collection device that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
- 3,001,403 A * 9/1961 Edwards G01N 1/14
40/631
- 3,005,564 A * 10/1961 Weichselbaum B01L 3/50825
215/354
- 3,017,050 A * 1/1962 Barr, Sr. B01L 3/50825
D24/224
- D229,748 S * 1/1974 White D24/224
- D244,555 S * 5/1977 Wiedmann D9/520



(56)

References Cited

U.S. PATENT DOCUMENTS

D558,357 S *	12/2007	Byrd	D24/224	D882,113 S *	4/2020	Motadel	D24/224
D583,058 S *	12/2008	Short	D24/162	D886,320 S *	6/2020	Bruemmer	D24/216
D583,066 S *	12/2008	Afifyan	D24/216	D890,359 S *	7/2020	Jackson	D24/224
D631,169 S *	1/2011	Cheeley	D24/224	D893,745 S *	8/2020	Smith	D24/224
D637,492 S *	5/2011	Baird	D24/224	D900,313 S *	10/2020	Chen	D24/121
D639,977 S *	6/2011	Francis	D24/225	D917,719 S *	4/2021	Klein	D24/225
D640,795 S *	6/2011	Jackson	D24/216	D920,535 S *	5/2021	Crabtree	D24/224
D643,935 S *	8/2011	Wilkinson	D24/224	D923,808 S *	6/2021	Lei	D24/216
D647,210 S *	10/2011	Wilkinson	D24/224	D930,849 S *	9/2021	Liping	D24/223
D649,405 S *	11/2011	Lingo	D7/509	D938,062 S *	12/2021	Werth	D24/224
D687,304 S *	8/2013	Tanner	D9/767	D940,856 S *	1/2022	Fox	D24/121
D687,564 S *	8/2013	Yang	D24/224	D949,434 S *	4/2022	Hacker	D24/224
D764,679 S *	8/2016	Franciskovich	D24/224	D950,768 S *	5/2022	Conway	D24/224
D776,291 S *	1/2017	Wan	D24/216	D953,566 S *	5/2022	Matsuoka	D24/224
D776,292 S *	1/2017	Wan	D24/216	D953,567 S *	5/2022	Matsuoka	D24/224
D788,315 S *	5/2017	Matsuura	D24/224	D962,466 S *	8/2022	Hunt	D24/224
D790,726 S *	6/2017	Plante	D24/224	D976,437 S *	1/2023	Harding	D24/224
D800,332 S *	10/2017	Snider	D24/223	D978,376 S *	2/2023	Ou	D24/224
D834,721 S *	11/2018	Klein	D24/225	D1,004,125 S *	11/2023	Chen	D24/224
D838,863 S *	1/2019	Hayashi	D24/224	D1,010,851 S *	1/2024	Jaffe	D24/224
D855,825 S *	8/2019	Parsons	D24/223	D1,014,780 S *	2/2024	Schonbrun	D24/224
D859,683 S *	9/2019	Harding	D24/224	D1,032,014 S *	6/2024	Fang	D24/224
D861,494 S *	10/2019	Hartung	D24/117	D1,035,906 S *	7/2024	Diller	D24/223
D864,774 S *	10/2019	Lei	D24/186	D1,044,030 S *	9/2024	Ladtkow	D24/224
D881,410 S *	4/2020	Motadel	D24/224	D1,048,458 S *	10/2024	Domanico	D24/224
D882,111 S *	4/2020	Bib	D24/220	2022/0061822 A1 *	3/2022	Robbins	A61B 10/0051
				2022/0361856 A1 *	11/2022	Zhang	A61B 10/0051
				2024/0246071 A1 *	7/2024	Wang	B01F 33/12
				2024/0307041 A1 *	9/2024	Templin	A61B 10/0096

* cited by examiner

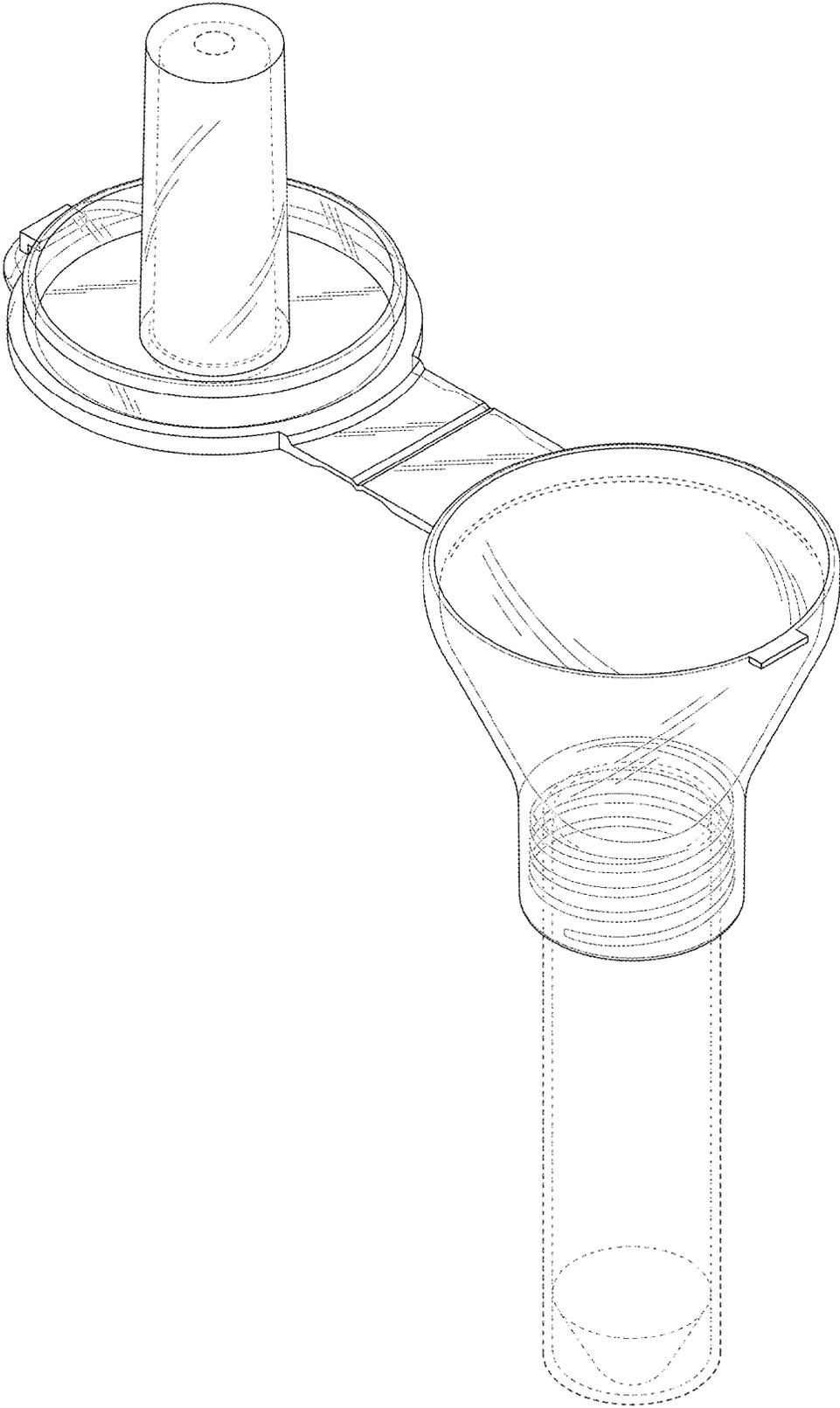


FIG. 1

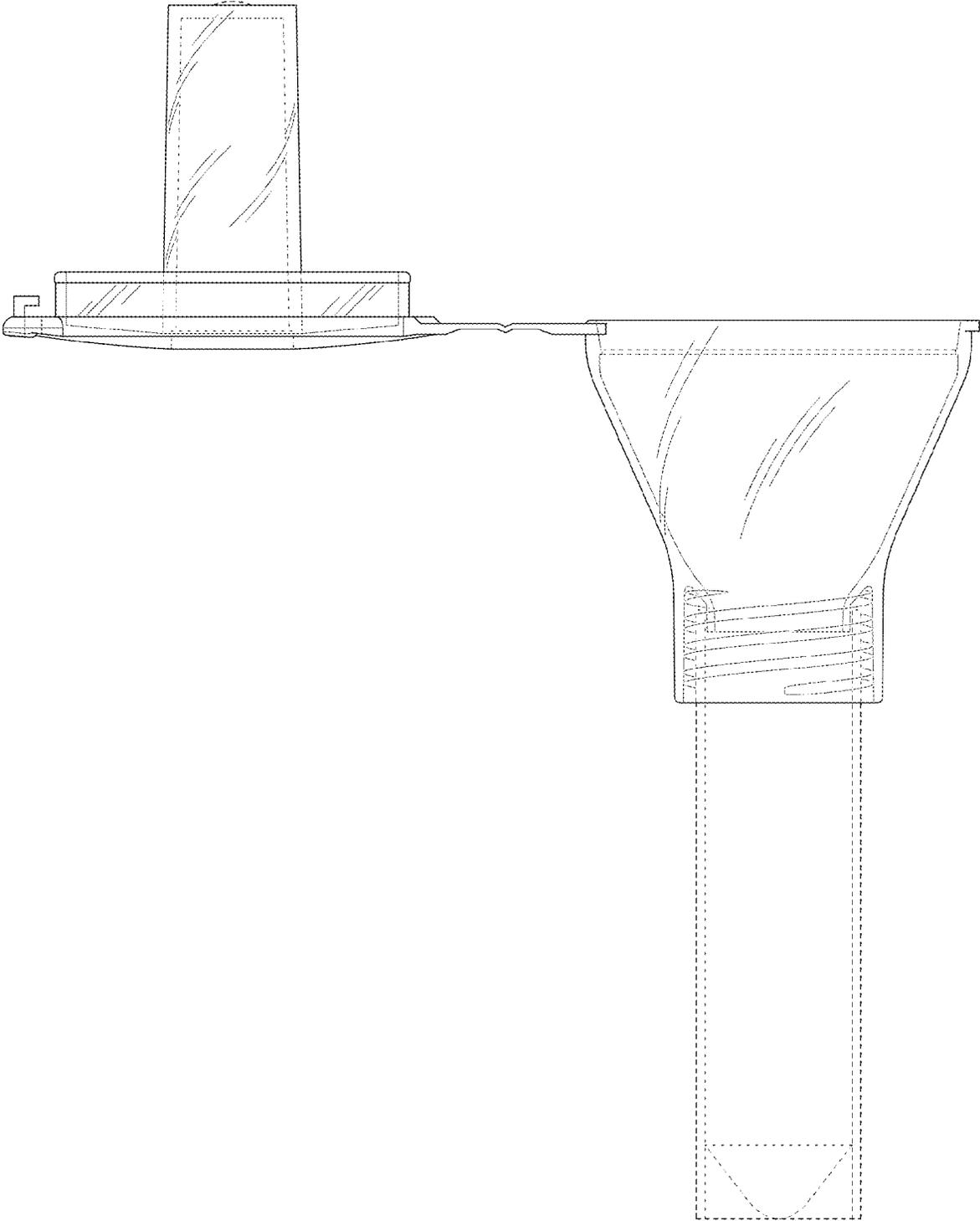


FIG. 2

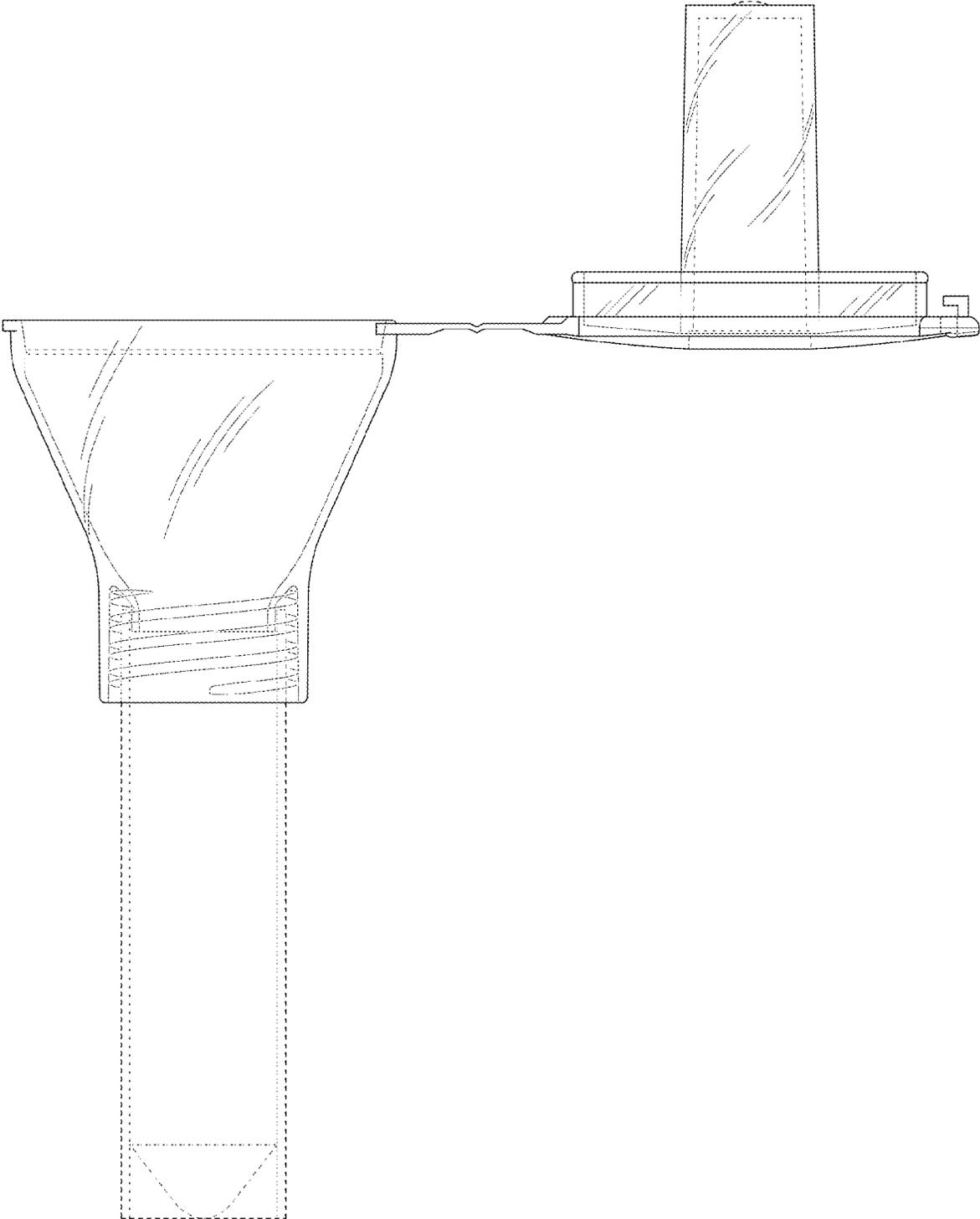


FIG. 3

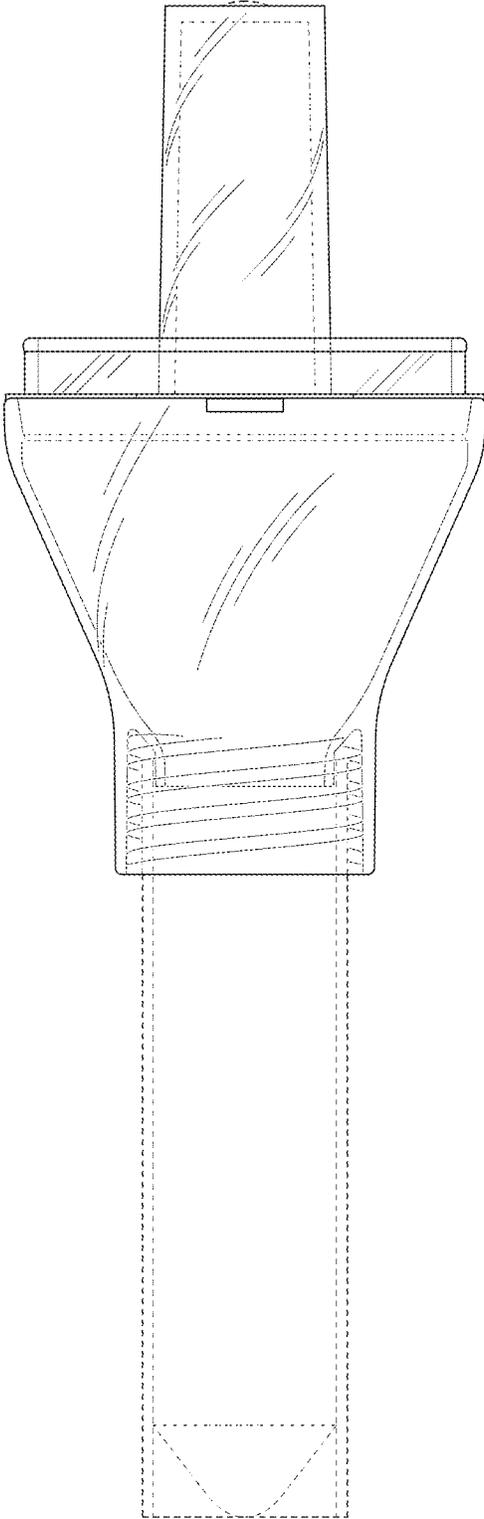


FIG. 4

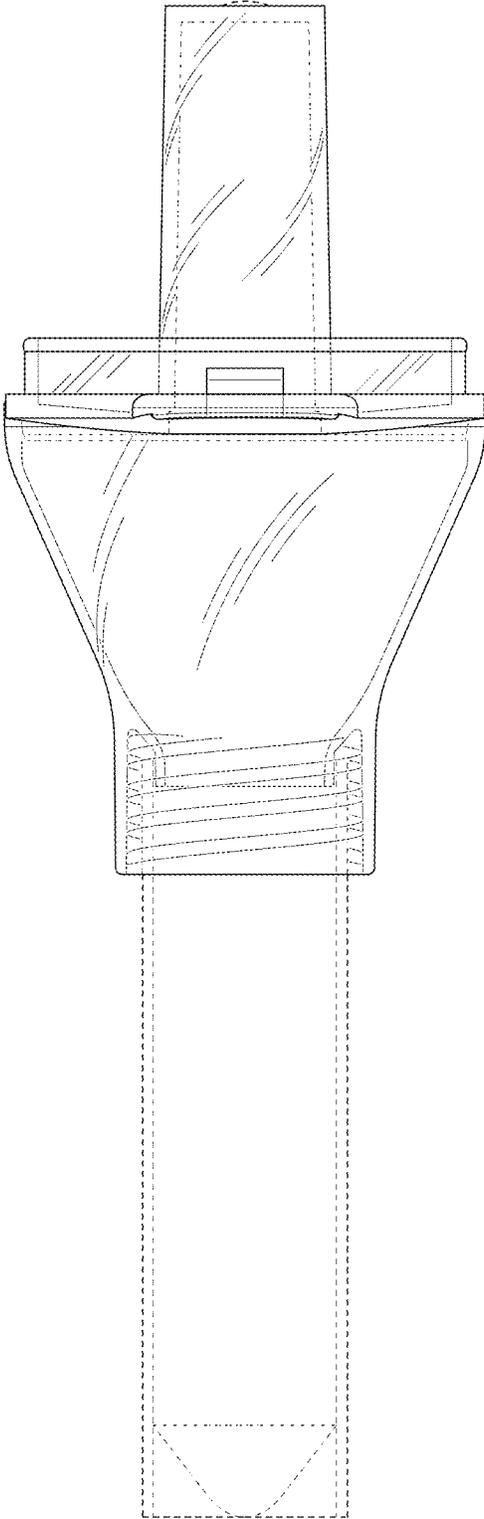


FIG. 5

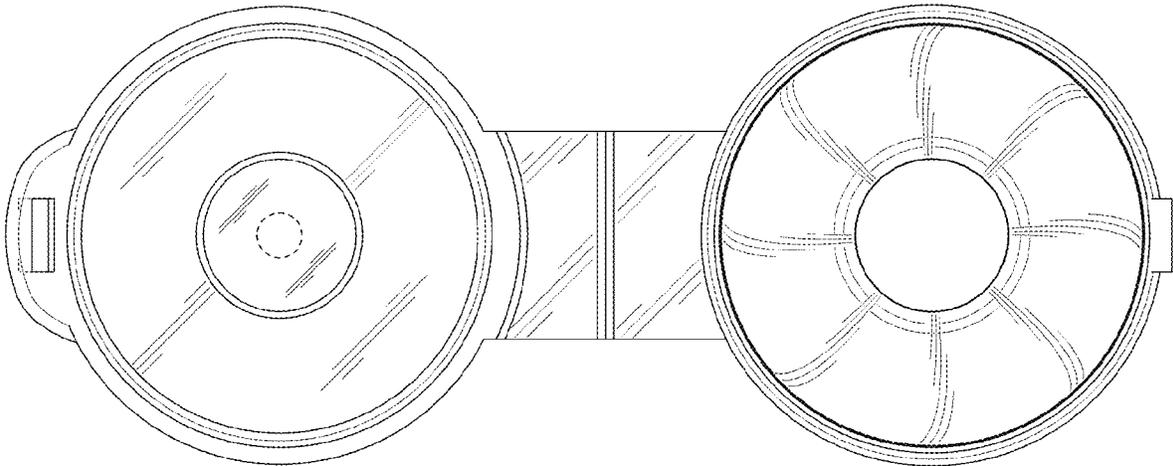


FIG. 6

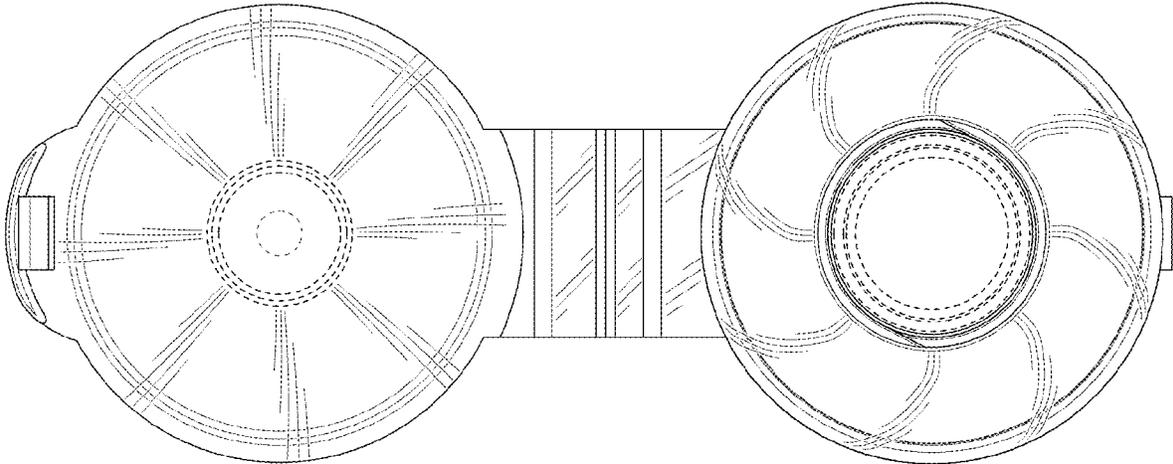


FIG. 7