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

(10) **Patent No.: US D743,046 S**
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(54) **FECAL SAMPLE COLLECTION DEVICE**

(71) Applicant: **MEDSMART, LLC**, Logan, UT (US)

(72) Inventors: **Val L. Poll**, Ogden, UT (US); **Steven J. Miller**, Hyrum, UT (US); **Jay J. Davis**, Smithfield, UT (US); **Brian T. Leishman**, Wellsville, UT (US)

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

(21) Appl. No.: **29/458,839**

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Related U.S. Application Data

(63) Continuation-in-part of application No. 13/273,112, filed on Oct. 13, 2011, now Pat. No. 8,623,665, which is a continuation-in-part of application No. 12/766,786, filed on Apr. 23, 2010, now abandoned, which is a continuation-in-part of application No. 12/577,560, filed on Oct. 12, 2009, now abandoned.

(51) **LOC (10) Cl.** **24-01**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**
USPC D24/110, 112, 114, 115, 130, 135, 141, D24/176, 222–224, 216, 231–232, 226, D24/133; D10/46, 81; D9/504, 519, 529, D9/477, 724, 503; 222/94; 73/864.91; 435/288.1; 422/547, 549, 554, 560, 422/558, 561; 401/128; 604/275, 191, 82; 206/43
CPC B65D 35/22; B65D 51/32; B01L 3/505; B01L 3/5082; B01L 9/06; C12M 23/08; G01N 35/1002; A61B 17/00491; A61M 5/19; A61M 3/0279
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,681,463	A	*	6/1954	Gordon	401/128
2,848,997	A	*	8/1958	Miskel et al.	604/275
D199,606	S	*	11/1964	Waterman	D24/115
3,269,389	A	*	8/1966	Meurer et al.	604/191

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0175326 A2 3/1986

OTHER PUBLICATIONS

Fecal Examination Using "Fecalyzer" Brand Fecal Float, http://cal.vet.upenn.edu, copyright 2004, pp. 1-2.

Primary Examiner — T. Chase Nelson
Assistant Examiner — Mark Cavanna
(74) *Attorney, Agent, or Firm* — Warren M. Pate; Pate Peterson, PLLC

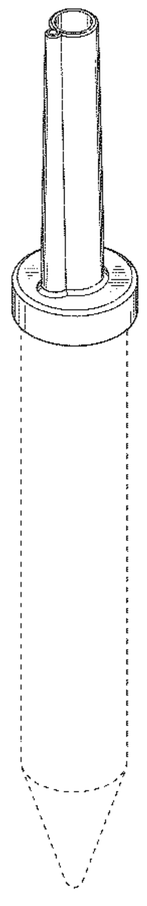
(57) **CLAIM**

The ornamental design for a fecal sample collection device, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a fecal sample collection device in accordance with our new design;
FIG. **2** is a front elevation view of the design of FIG. **1**;
FIG. **3** is a rear elevation view of the design of FIG. **1**;
FIG. **4** is a first side elevation view of the design of FIG. **1**;
FIG. **5** is a second, opposite side elevation view of the design of FIG. **1**;
FIG. **6** is a top plan view of the design of FIG. **1**; and,
FIG. **7** is a bottom plan view of the design of FIG. **1**.
The broken lines represent portions of the design that form no part of the claim.

1 Claim, 4 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D229,748	S	*	1/1974	White	D24/224
4,040,420	A	*	8/1977	Speer	604/82
D251,203	S	*	2/1979	Williamson	D24/114
4,175,008	A		11/1979	White	
4,225,423	A		9/1980	Cotey	
4,240,547	A	*	12/1980	Taylor	206/443
4,312,950	A		1/1982	Snyder et al.	
D264,940	S	*	6/1982	Stock	D9/724
D266,872	S	*	11/1982	Anderson	D24/112
4,387,725	A		6/1983	Mull	
4,409,988	A		10/1983	Greenspan	
4,735,905	A		4/1988	Parker	
4,789,639	A		12/1988	Fleming	
4,801,547	A		1/1989	Rosenberg	
D304,232	S	*	10/1989	Fuller	D24/110
D310,491	S	*	9/1990	Mitchell	D10/46
D310,569	S	*	9/1990	Broden	D24/222
D310,722	S	*	9/1990	Broden	D24/222
4,961,432	A		10/1990	Guirguis	
D318,233	S	*	7/1991	Ackerman	D9/447
5,066,463	A		11/1991	Chang	
5,116,315	A	*	5/1992	Capozzi et al.	604/191
D331,874	S	*	12/1992	Schmidt	D9/724
D335,256	S	*	5/1993	Slavin et al.	D9/724
5,326,398	A		7/1994	Kelley et al.	
5,431,884	A		7/1995	McDonough et al.	
5,440,942	A		8/1995	Hubbard	
5,480,484	A		1/1996	Kelley et al.	
D367,114	S	*	2/1996	Wilson et al.	D24/224
D368,856	S	*	4/1996	Peay	D9/447
5,584,815	A	*	12/1996	Pawelka et al.	604/191
5,624,554	A		4/1997	Faulkner et al.	
5,665,067	A	*	9/1997	Linder et al.	604/191
D388,172	S	*	12/1997	Cipes	D24/135
5,730,147	A		3/1998	Craig	
5,941,420	A	*	8/1999	Connan	222/94
6,063,038	A		5/2000	Diamond et al.	
D428,141	S	*	7/2000	Brotspies et al.	D24/114
D436,661	S	*	1/2001	Berry	D24/141
6,180,395	B1		1/2001	Skiffington et al.	
6,207,113	B1		3/2001	Kagaya	
D440,654	S	*	4/2001	Mark	D24/176
6,299,842	B1		10/2001	Kozak et al.	
D457,626	S	*	5/2002	Farris	D24/130
D468,640	S	*	1/2003	Mitchell et al.	D9/503
D470,240	S	*	2/2003	Niedbala et al.	D24/223
6,524,530	B1		2/2003	Igarashi et al.	
6,582,665	B2		6/2003	Faulkner	
6,612,767	B2		9/2003	Muller	
6,653,149	B1		11/2003	Tung et al.	
6,769,574	B1	*	8/2004	Keller	222/137
6,780,160	B2		8/2004	Zhou et al.	
D504,512	S	*	4/2005	Fournier	D24/141
6,921,370	B2		7/2005	Zhou et al.	
7,048,693	B2		5/2006	Zhou et al.	
D529,603	S	*	10/2006	Knickerbocker et al.	D24/110
7,141,033	B2		11/2006	Kanjilal et al.	
7,163,514	B2		1/2007	Zhou et al.	
D545,218	S	*	6/2007	Rushe et al.	D9/724
7,300,632	B2		11/2007	Sugiyama et al.	
7,338,634	B2		3/2008	Chang	
D567,373	S	*	4/2008	Irby	D24/141
7,351,221	B2	*	4/2008	Trombley et al.	600/431
D585,988	S	*	2/2009	Kinnard	D24/133
D586,913	S	*	2/2009	Leroy et al.	D24/135
D597,417	S	*	8/2009	Whittaker et al.	D9/724
D618,347	S	*	6/2010	Bradshaw	D24/141
D640,795	S	*	6/2011	Jackson et al.	D24/216
8,033,433	B2	*	10/2011	Gibson et al.	222/549
D659,244	S	*	5/2012	Hermle	D24/133
D679,413	S	*	4/2013	Bucher et al.	D24/224
D688,952	S	*	9/2013	Pappalardo	D9/724
D690,025	S	*	9/2013	TerMaat et al.	D24/224
D698,458	S	*	1/2014	Tsai et al.	D24/224
D709,624	S	*	7/2014	Baum et al.	D24/224
8,889,086	B2	*	11/2014	Viljoen et al.	422/549
D723,180	S	*	2/2015	Klein	D24/216
2003/0175167	A1		9/2003	Takanori	
2006/0115385	A1		6/2006	Jon Meyer	
2009/0258411	A1		10/2009	Petithory et al.	
2009/0291818	A1		11/2009	Soares et al.	
2010/0102088	A1	*	4/2010	Keller	222/137
2010/0206905	A1	*	8/2010	Horner et al.	222/137
2011/0048981	A1		3/2011	Okumura	
2011/0083495	A1		4/2011	Poll et al.	
2011/0085948	A1		4/2011	Poll et al.	
2012/0028296	A1		2/2012	Poll et al.	

* cited by examiner

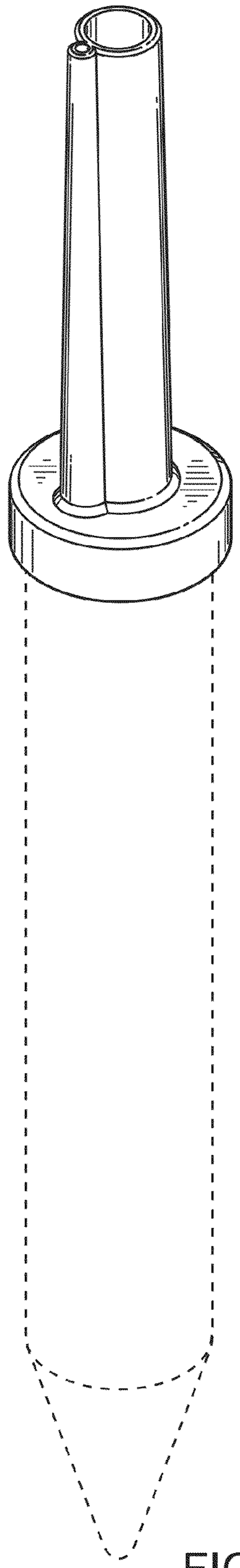


FIG. 1

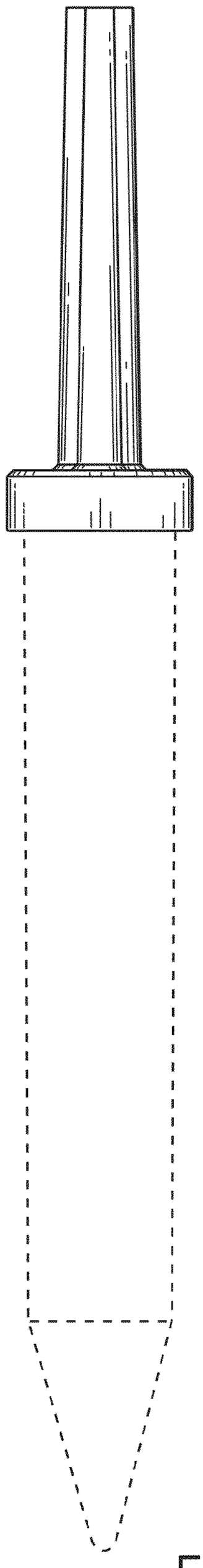


FIG. 2

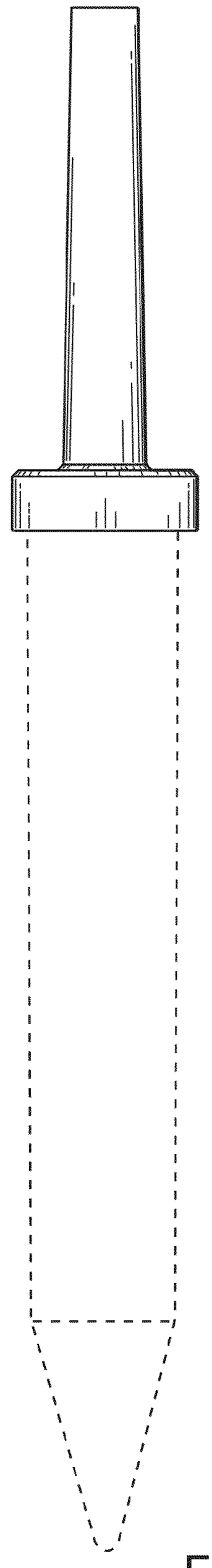


FIG. 3

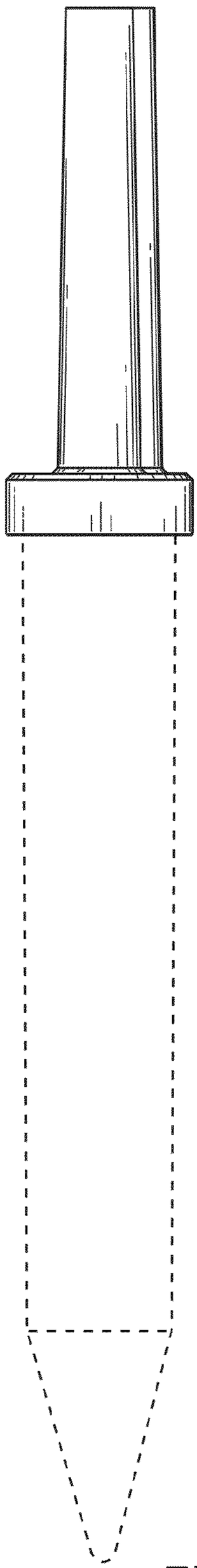


FIG. 4

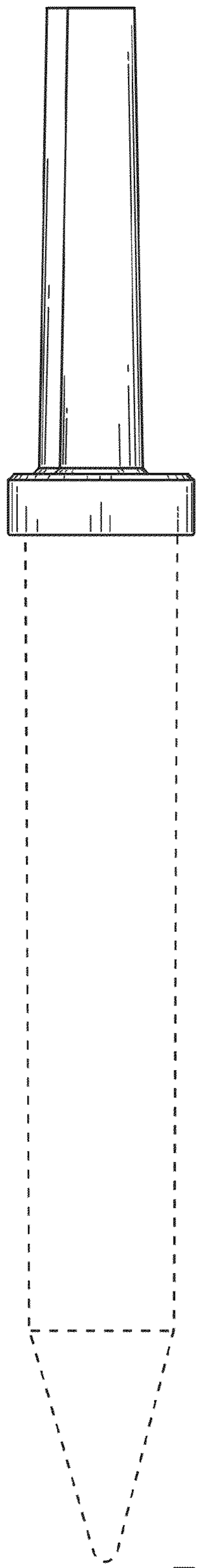


FIG. 5

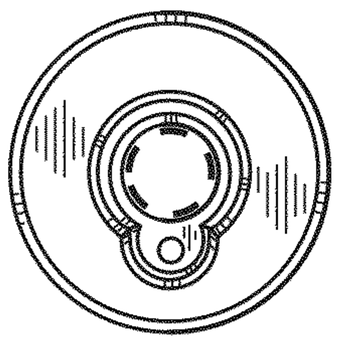


FIG. 6

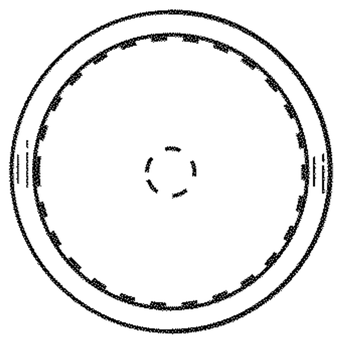


FIG. 7