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

(10) **Patent No.:** **US D713,499 S**

(45) **Date of Patent:** **** Sep. 16, 2014**

(54) **SPRAYER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Monsanto Technology LLC**, St. Louis, MO (US)

EP	1010389	A2	6/2000
EP	1695767	A1	8/2006
WO	WO 99/51354		10/1999
WO	WO 00/27270		5/2000

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OTHER PUBLICATIONS

(73) Assignee: **Monsanto Technology LLC**, St. Louis, MO (US)

Organic Weed & Grass Killer, <http://www.planetnatural.com/site/ecosmart-weed-killer.html>, printed Jan. 21, 2013, 2 pages.

(Continued)

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

Primary Examiner — Robin V Webster

(21) Appl. No.: **29/449,199**

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

(22) Filed: **Mar. 14, 2013**

(57) **CLAIM**

The ornamental design for a sprayer, as shown and described.

DESCRIPTION

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/434,603, filed on Oct. 15, 2012.

(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**

USPC **D23/225**

(58) **Field of Classification Search**

USPC D23/213, 223, 225, 226; 239/302, 239/308.31, 332, 333, 337, 526; 222/465.1, 222/383.1, 383.3, 143; D8/1, 2

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

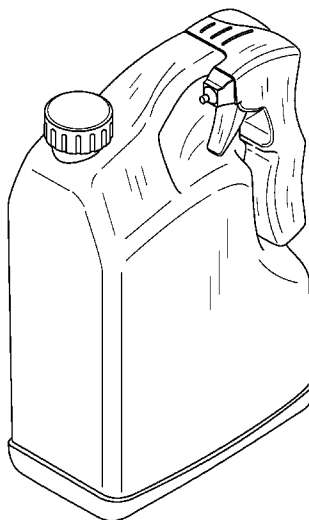
4,621,770	A *	11/1986	Sayen	239/304
5,469,993	A *	11/1995	Hauf et al.	222/383.3
5,553,750	A *	9/1996	Foster	222/179.5
5,601,211	A *	2/1997	Foster	222/143
5,860,574	A *	1/1999	Shanklin et al.	222/530

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FIG. 1 is a perspective view of an example embodiment of a sprayer in accordance with our new design;
 FIG. 2 is a front elevation view thereof;
 FIG. 3 is a rear elevation view thereof;
 FIG. 4 is a right side elevation view thereof;
 FIG. 5 is a left side elevation view thereof;
 FIG. 6 is a top plan view thereof;
 FIG. 7 is a bottom plan view thereof;
 FIG. 8 is a perspective view of another example embodiment of a sprayer in accordance with our new design;
 FIG. 9 is a front elevation view thereof;
 FIG. 10 is a rear elevation view thereof;
 FIG. 11 is a right side elevation view thereof;
 FIG. 12 is a left side elevation view thereof;
 FIG. 13 is a top plan view thereof; and,
 FIG. 14 is a bottom plan view thereof.

The details shown in broken lines in the example embodiments are for illustrative purposes only in those embodiments and form no part of the design claimed with respect to those embodiments.

1 Claim, 14 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,508,410	B1 *	1/2003	Thomas et al.	239/1
6,561,438	B1 *	5/2003	Restive et al.	239/428.5
6,820,769	B2 *	11/2004	Foster et al.	222/153.13
7,607,556	B2	10/2009	Engelen	
7,631,818	B2 *	12/2009	Wu	239/302
7,717,354	B1 *	5/2010	Robinson	239/1
8,100,302	B2 *	1/2012	Bonner	222/401
8,141,754	B2 *	3/2012	Conner et al.	222/333

OTHER PUBLICATIONS

The Home Depot, Spectracide 1.3 gal. Ready-to-Use Termite and Carpenter Ant Killer, http://www.homedepot.com/h_d1/N-5yclv/R-100046531/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 3 pages.

Quaker State Oil 10W30, http://shop.advanceautoparts.com/webapp/wcs/stores/servlet/product_x_10142274-P_x_x? . . . , printed Jan. 21, 2013, 2 pages.

The Home Depot, ZEP 1 gal. Flea Spray for Homes, http://www.homedepot.com/h_d1/N-5yclv/R-100036174/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 3 pages.

Tool King.com, Access Marketing SDSB-1G/02 Slime Spray Tire Sealant with Pump—1 Gallon, <http://www.toolking.com/access-marketing-sdsb-1g-02-spray-tire-sealant-with-pump-gallon>, printed Jan. 21, 2013, 2 pages.

The Home Depot, Raid Max 128 oz. Bug Barrier, http://www.homedepot.com/h_d1/N-5yclv/R-202529882/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 3 pages.

Campman, Repel Camp Shield Outdoor Insect Control, <http://www.campman.com/repel-camp-shield-outdoor-insect-control/>, printed Jan. 21, 2013, 1 page.

The Home Depot, Bayer Advanced 1.3 gal. Durazone Weed and Grass Killer, http://www.homedepot.com/h_d1/N-5yclv/R-203030477/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 3 pages.

The Home Depot, Bayer Advanced 1-Gallon Ready-to-Use Home Pest Plus Germ Killer, http://www.homedepot.com/h_d1/N-5yclv/R-100638301/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 4 pages.

The Home Depot, Ortho 1-Gallon Ready-to-Use Weed-B-Gon Max Plus Crabgrass Control, http://www.homedepot.com/h_d1/N-5yclv/R-100542812/h_d2/ProductDisplay?catalogId=..., printed Jan. 21, 2013, 2 pages.

Roundup Gallon Weed and Grass Killer, http://www.lowes.com/pd_90460-446-5003210_0_?productId=3653980&Ntt=roundup&..., printed Jan. 21, 2013, 2 pages.

MWV: Mixor® HP Remote Trigger Sprayer, <http://www.meadwestvaco.com/HomeandGardenPackaging/TriggerSprayers/MWVS023012>, printed Apr. 10, 2013, 3 pages.

* cited by examiner

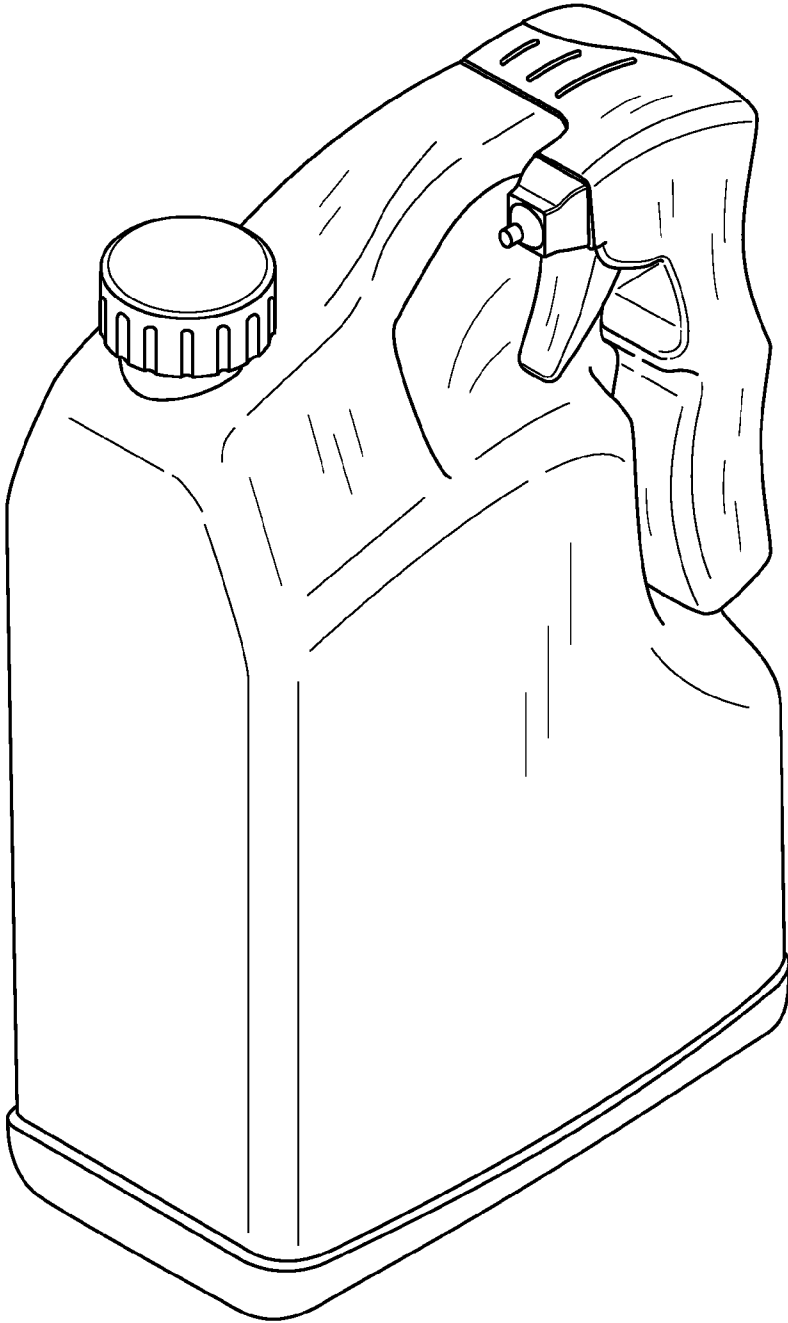


FIG. 1

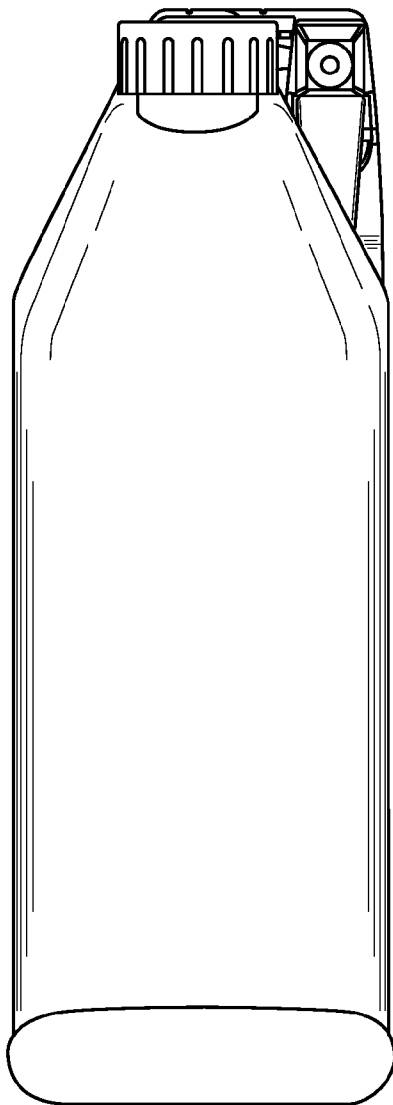


FIG. 2

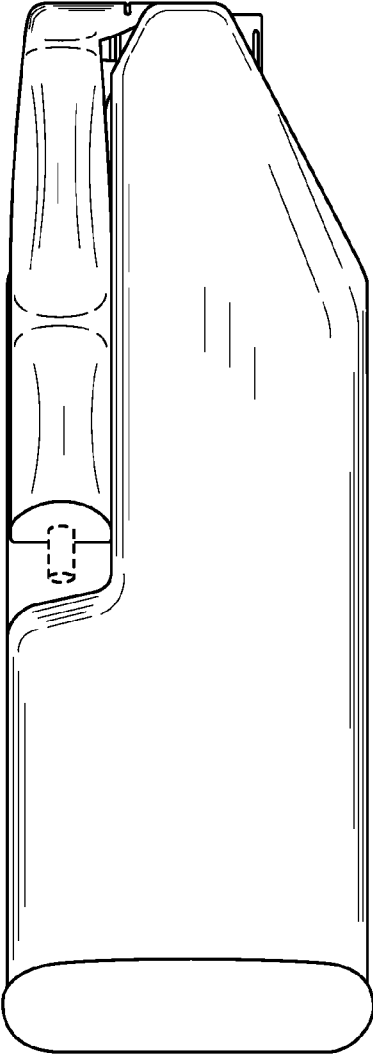


FIG. 3

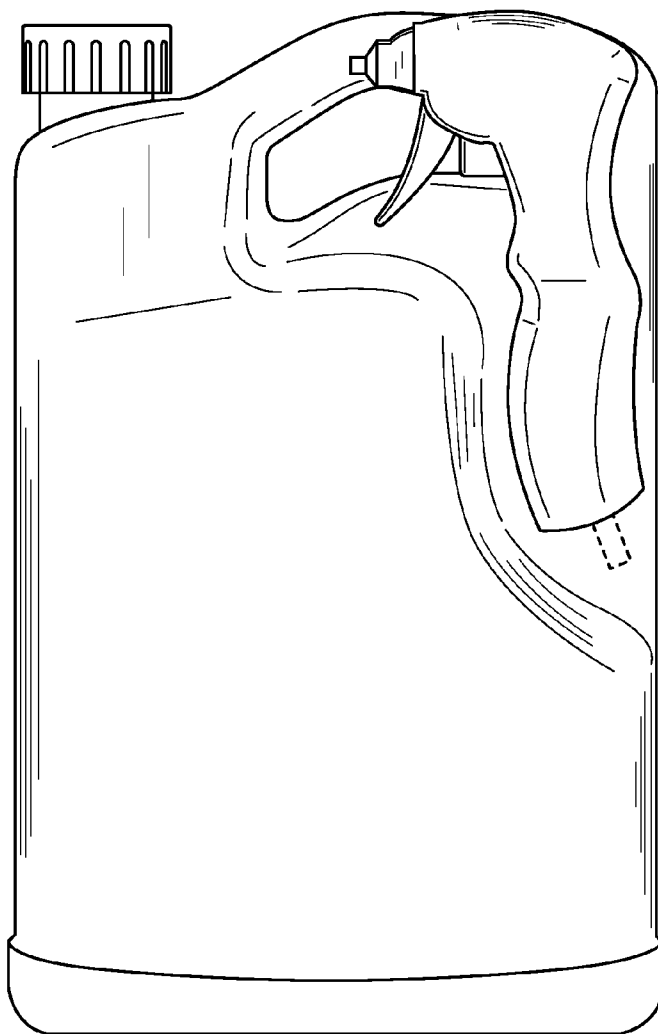


FIG. 4

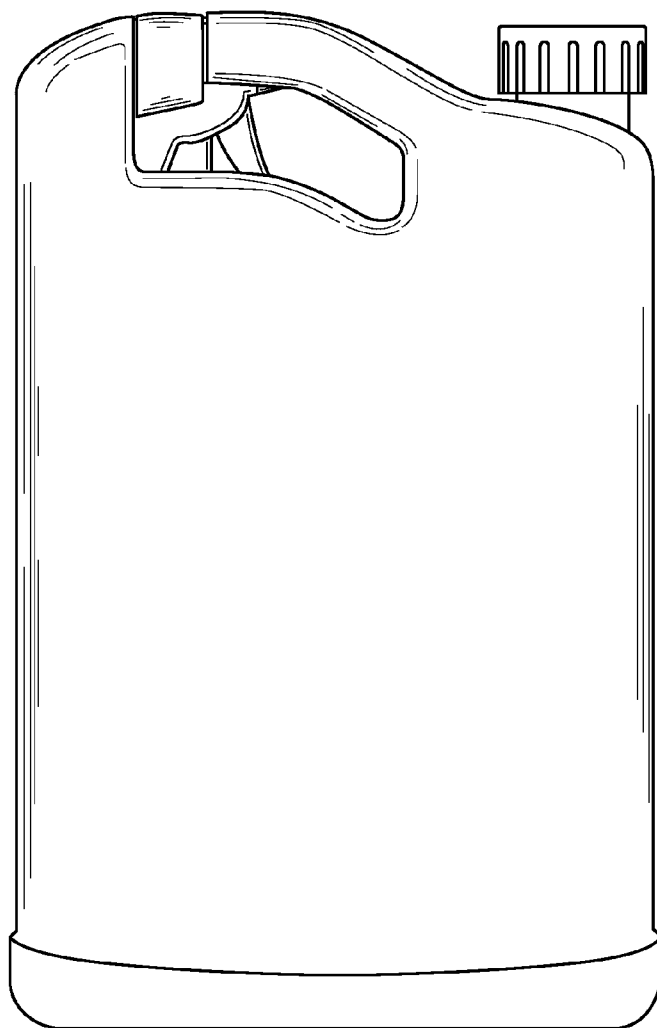


FIG. 5

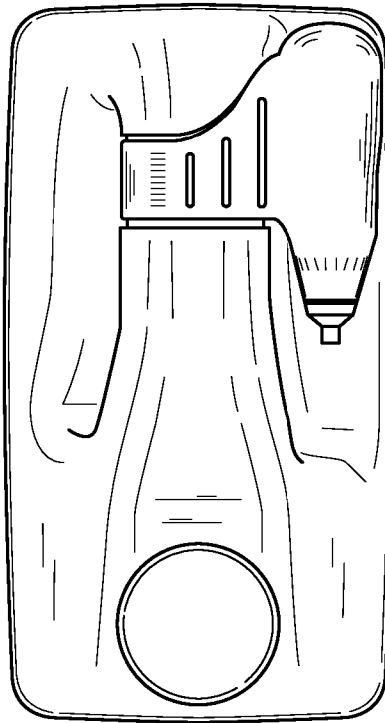


FIG. 6

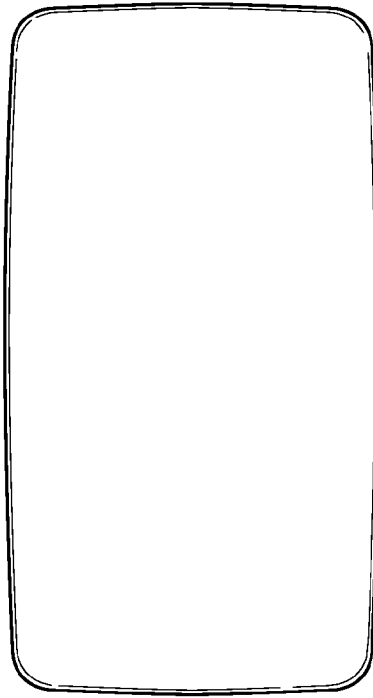


FIG. 7

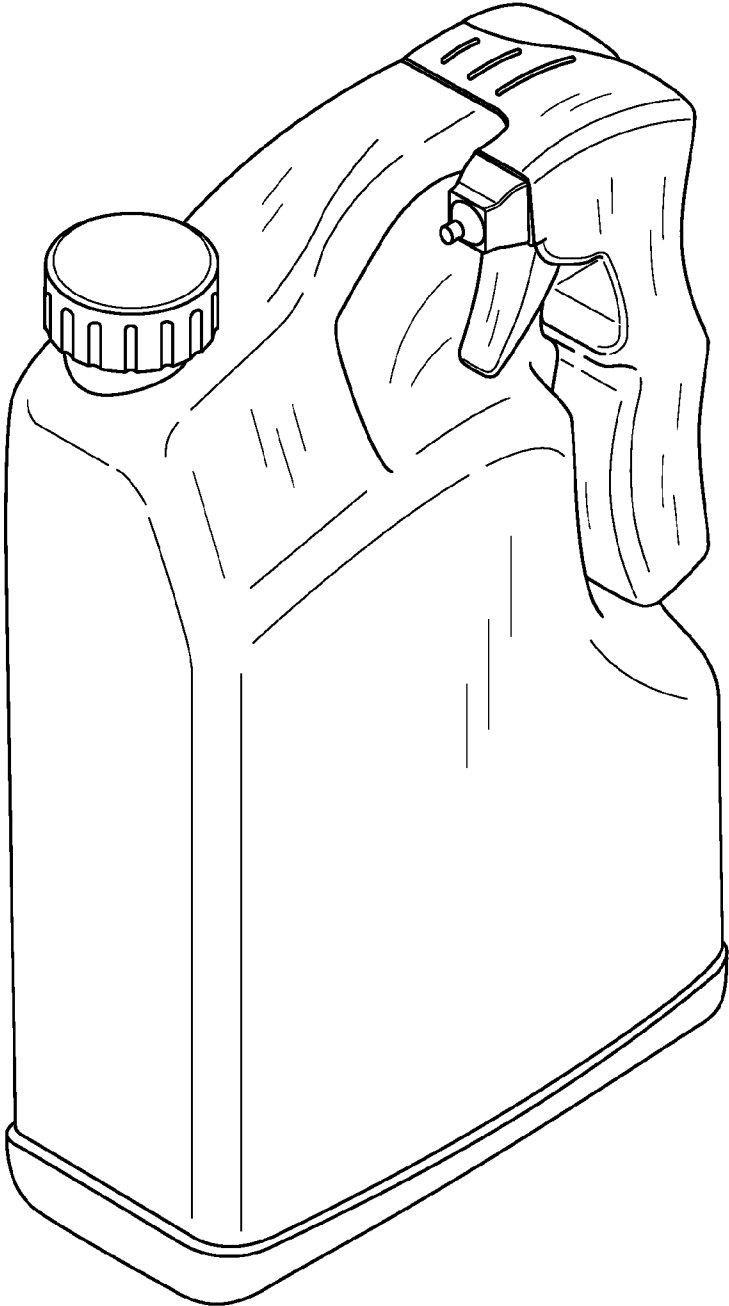


FIG. 8

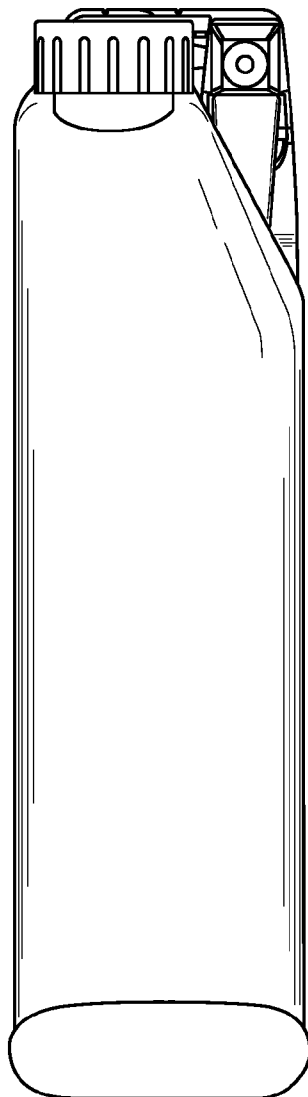


FIG. 9

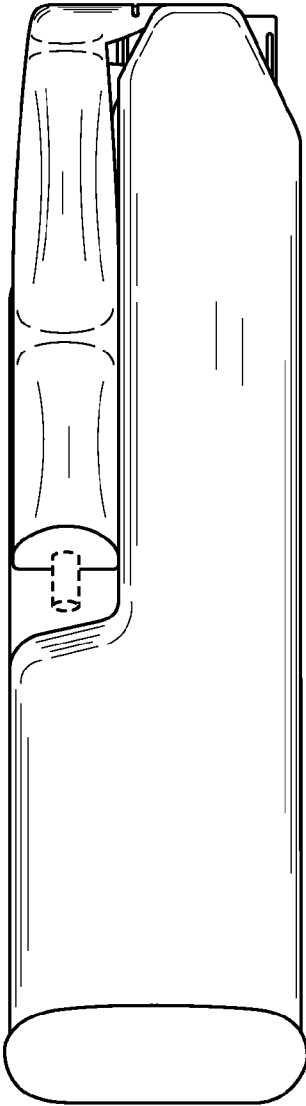


FIG. 10

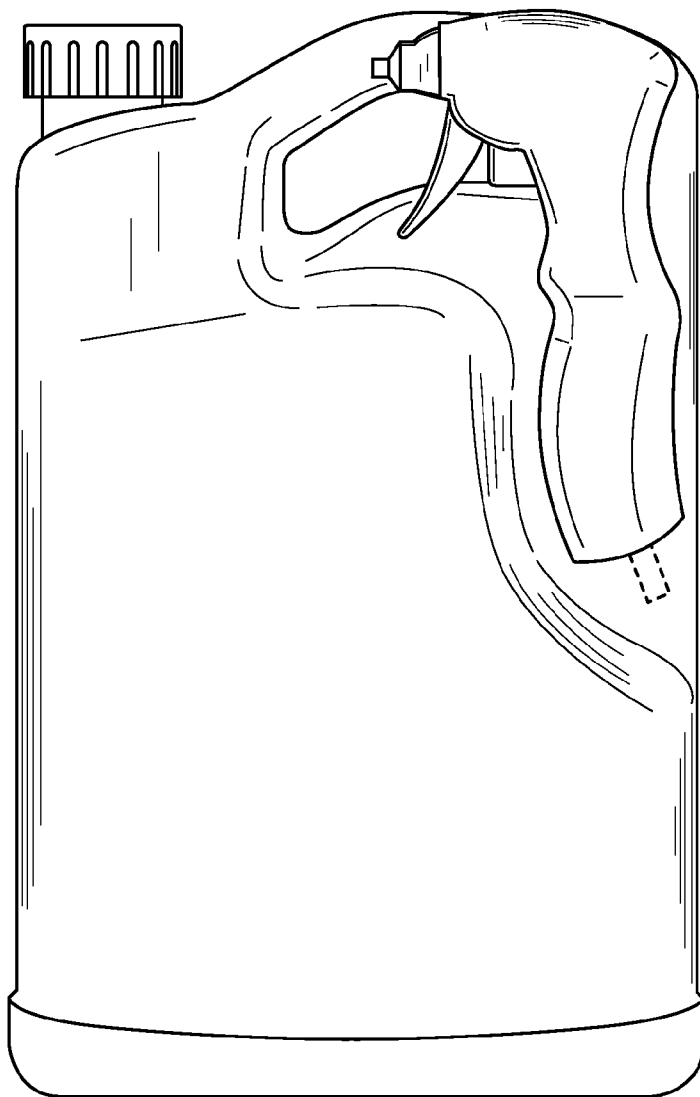


FIG. 11

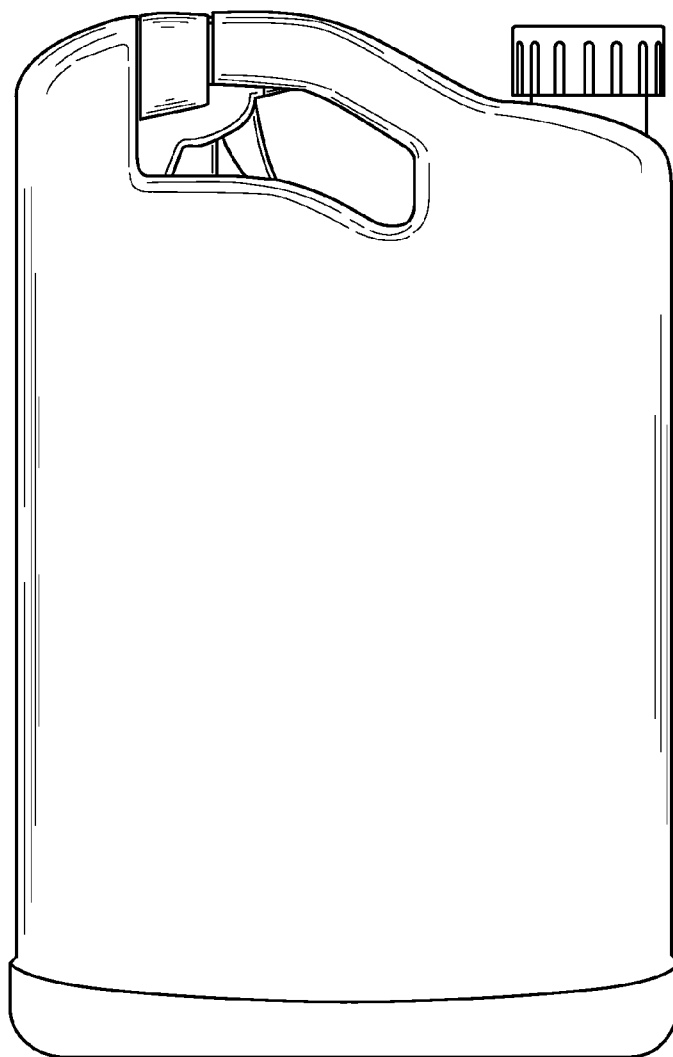


FIG. 12

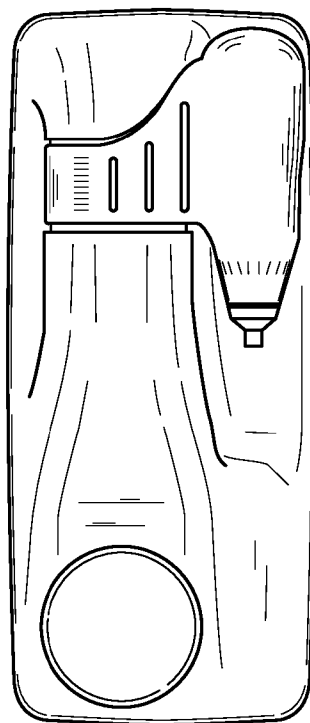


FIG. 13

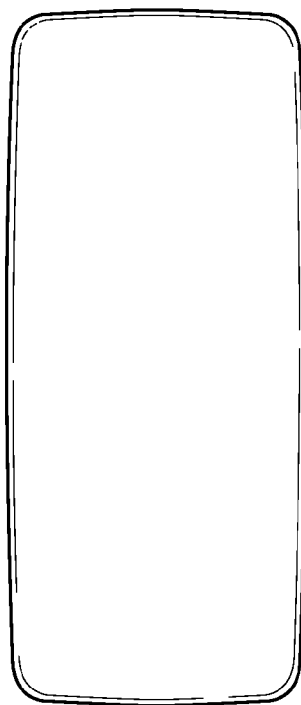


FIG. 14