

US00D480960S

## (12) United States Design Patent (10) Patent No.:

Gray et al.

(10) Patent No.: (45) Date of Patent:

US D480,960 S

Oct. 21, 2003

## (54) DISPENSER FOR COMPARTMENTALIZED CONSTITUENTS

(75) Inventors: Richard Gray, New York, NY (US); Christopher Mears, Chester, NJ (US);

Joel Wittkamp, Morrisville, NC (US)

(73) Assignee: Mixtek System LLC, New York, NY (US)

(\*\*) Term: 14 Years

(21) Appl. No.: 29/166,004

(22) Filed: Aug. 22, 2002

(52) U.S. Cl. D9/341

#### (56) References Cited

#### U.S. PATENT DOCUMENTS

(List continued on next page.)

#### FOREIGN PATENT DOCUMENTS

FR	1353494	11/1962
WO	WO 00/10423	3/2000
WO	WO 02/02240	1/2002

#### OTHER PUBLICATIONS

Aramino two can system—Photographs and advertisement. Hoyu Company Ltd. Hair coloring package and associated information from "Spray Technology & Marketing," Jul. 1997.

(List continued on next page.)

Primary Examiner—Ted Shooman

Assistant Examiner—Daniel Bui

(74) Attorney, Agent, or Firm—Venable LLP; Michael A.
Gollin; Keith G. Haddaway

### (57) CLAIM

The ornamental design for a dispenser for compartmentalized constituents, as shown and described.

#### **DESCRIPTION**

FIG. 1 is a perspective view of a dispenser for compartmentalized constituents according to a first embodiment of the present invention;

FIG. 2 is a front view of the dispenser for compartmentalized constituents according to the first embodiment of the present invention;

FIG. 3 is a back view of the dispenser for compartmentalized constituents according to the first embodiment of the present invention;

FIG. 4 is a side view of the dispenser for compartmentalized constituents according to the first embodiment of the present invention;

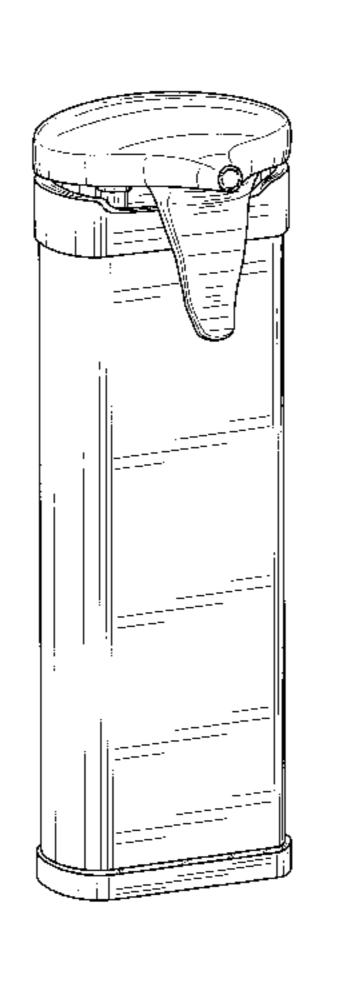
FIG. 5 is a top view of the dispenser for compartmentalized constituents according to the first embodiment of the present invention;

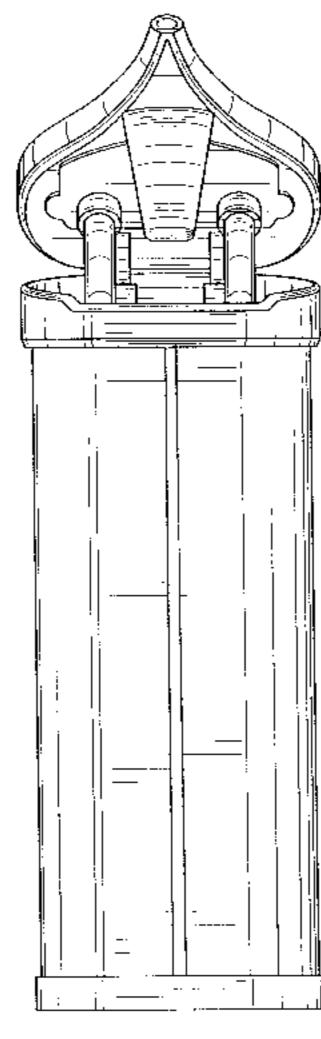
FIG. 6 is a front view of a dispenser for compartmentalized constituents according to the first embodiment of the present invention with the head portion of the dispenser partially open; and,

FIG. 7 is a front view of a dispenser for compartmentalized constituents according to a second embodiment of the present invention with the head portion of the dispenser partially open.

In a first embodiment of the invention, the main body encases the separate containers. In a second embodiment of the invention, the main body of the dispenser is formed of the two separate containers as illustrated in FIG. 7. It being understood that the side and top views of the second embodiment are the same as the first embodiment shown in FIGS. 4 and 5.

#### 1 Claim, 7 Drawing Sheets





# US D480,960 S Page 2

U.S	. PATENT	DOCUMENTS	5,291,905 A 3/1994 Busch et al.	
2 100 511 4	6/1065	Dal.	5,311,887 A 5/1994 Ramsey	
3,190,511 A	6/1965		5,316,159 A * 5/1994 Douglas et al	
3,451,593 A		Dillarstone	D348,802 S 7/1994 Miller, III	
3,595,440 A		Prussin	5,337,764 A 8/1994 McKay	
D221,523 S	-	Mason et al.	5,339,839 A 8/1994 Forcelledo et al.	
3,608,781 A	9/1971		5,392,947 A * 2/1995 Gentile	
3,782,600 A		Columbus	5,483,979 A 1/1996 Bertieri	
3,960,160 A		Hogan	D378,041 S * 2/1997 Stovall	
3,961,635 A	6/1976	•	5,645,193 A 7/1997 Gentile et al.	
3,964,501 A	-	Matchett	5,873,492 A 2/1999 Sullivan	
4,057,901 A	11/1977		D409,442 S * 5/1999 Kilpatrick et al D7/513	
4,121,602 A	10/1978	8	5,927,554 A 7/1999 Bartlow	
4,277,193 A		Knaus	D413,798 S 9/1999 LaMarra	
4,294,270 A	-	Cochran	5,954,213 A * 9/1999 Gerhart et al	
D264,053 S		Ma et al.	D454,068 S * 3/2002 Hanson	
4,376,441 A	-	Duncan	OFFITTED DITEDLICATION	
4,388,936 A	-	Roberts	OTHER PUBLICATIONS	
4,423,097 A	12/1983	Mons et al.	International Dualinaineur, Erromainetien Desert DCT/HSOO/	
4,516,591 A	5/1985	Hierholzer	International Preliminary Examination Report, PCT/US99/	
4,605,026 A	8/1986	Nolin	18738, Nov. 2000.	
D286,380 S	10/1986	Harman	"Mixing right in the can," COSSMA, vol. 10, No. 5–2002,	
4,691,720 A	9/1987	Schmitz	Jun. 2002.	
4,692,047 A	9/1987	Endo	"Perfect mix," Spray Technology & Marketing, Mar. 2002.	
4,773,562 A	9/1988	Gueret	"How to Mix Profitability Into Your Products," Mixtek,	
4,799,456 A	1/1989	Young	2002.	
4,840,493 A	6/1989	Horner		
4,850,705 A	7/1989	Horner	"Mixing it up," Spray Technology & Marketing, Jun. 2002.	
4,934,855 A	6/1990	Recchelbacher	Technology & Marketing, Dec. 1998.	
4,958,647 A	9/1990	Busch et al.	"The New Standard in Aerosol Spray-Through-Cap Tech-	
5,005,736 A	* 4/1991	Portas 222/135	nology," Arich, Inc., 1999.	
D328,710 S	* 8/1992	Deflander D9/515	"Co-Dispensing Cap Mixes Product From Separate Con-	
5,167,347 A	12/1992	Wiegner et al.	tainers," Arich, Inc.	
D335,745 S	* 5/1993	Schilthuizen D34/39	"Compartmentalized Aerosols," Spray Technology & Mar-	
D336,846 S	6/1993	Proctor	keting, Jul. 1997.	
5,289,835 A	-			
$J, ZOJ, OJJ \Lambda$	3/1994	Harlan et al.	11001115, 0 011 1 2 2 7 1	

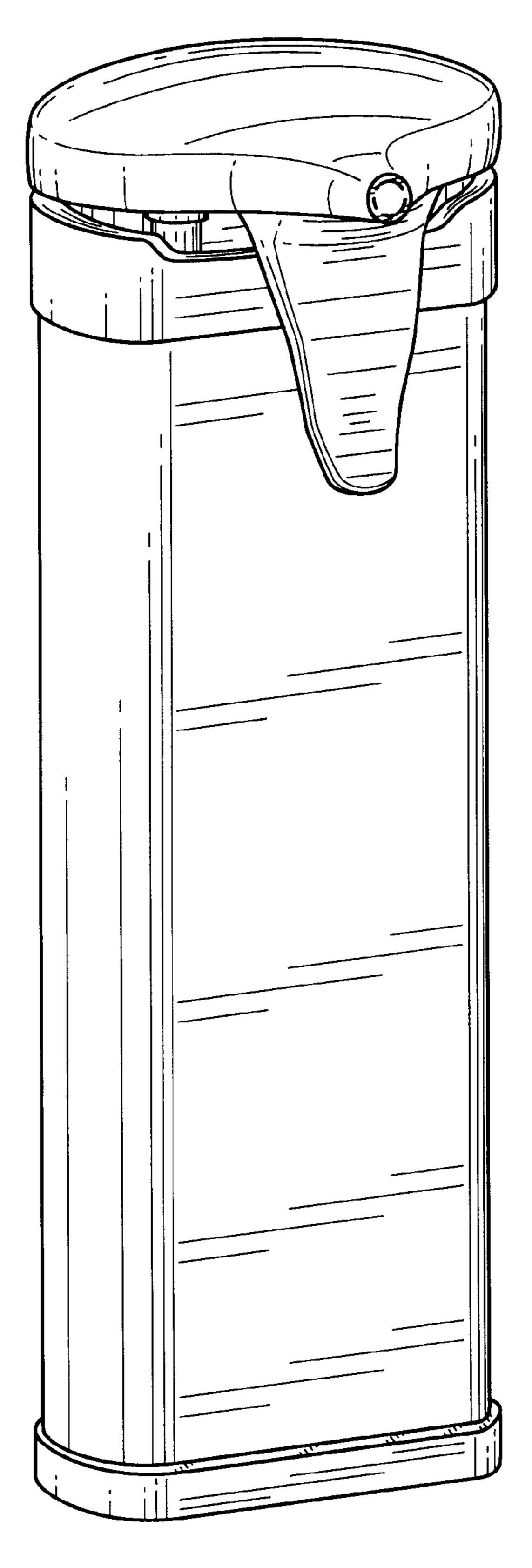


FIG. 1

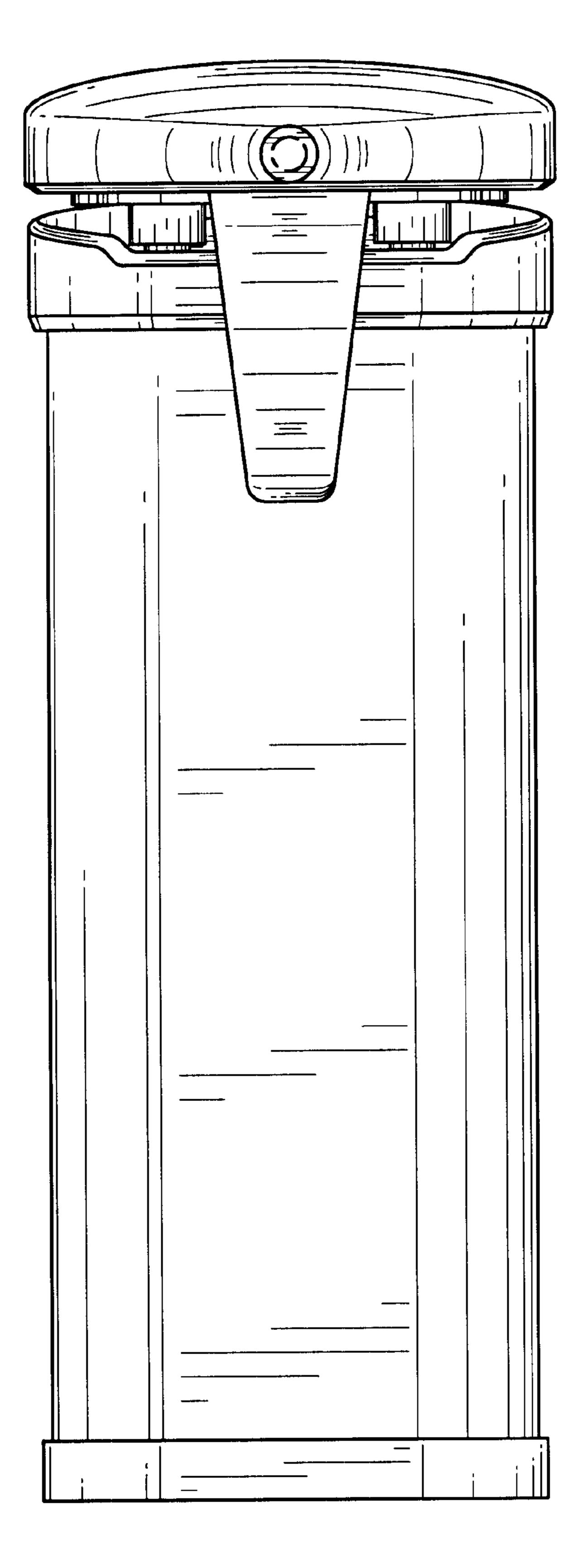


FIG. 2

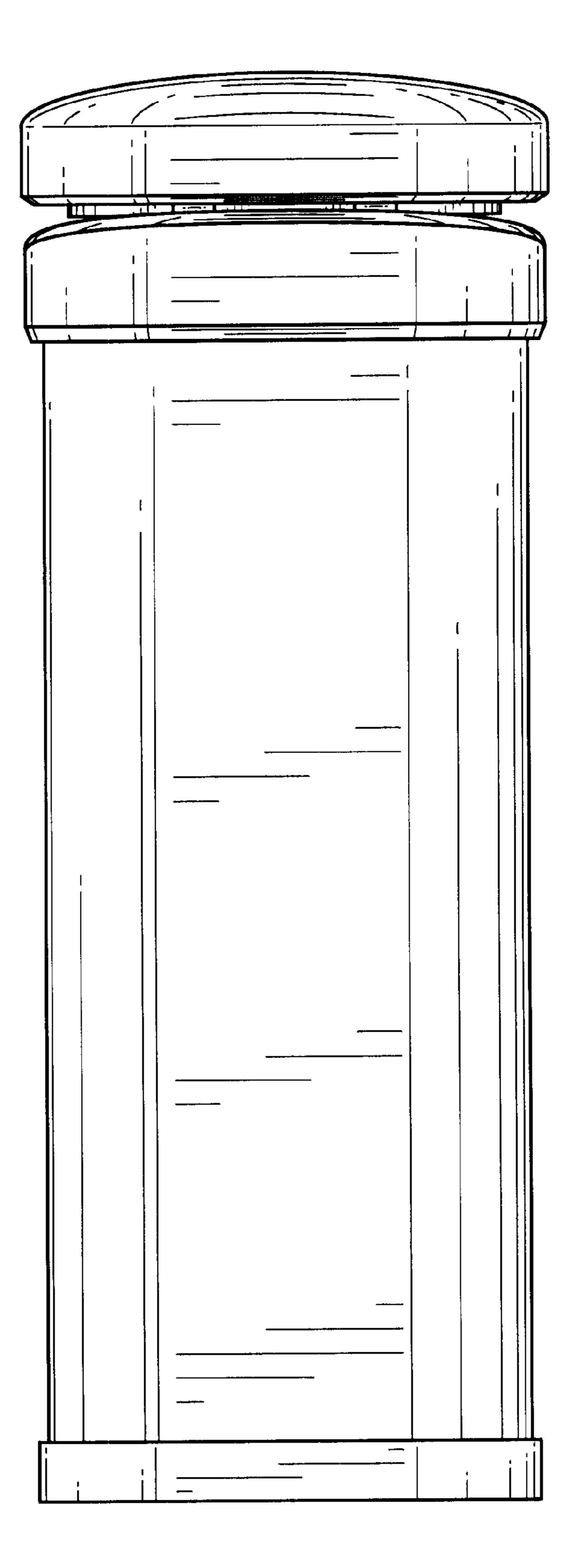


FIG. 3

Oct. 21, 2003

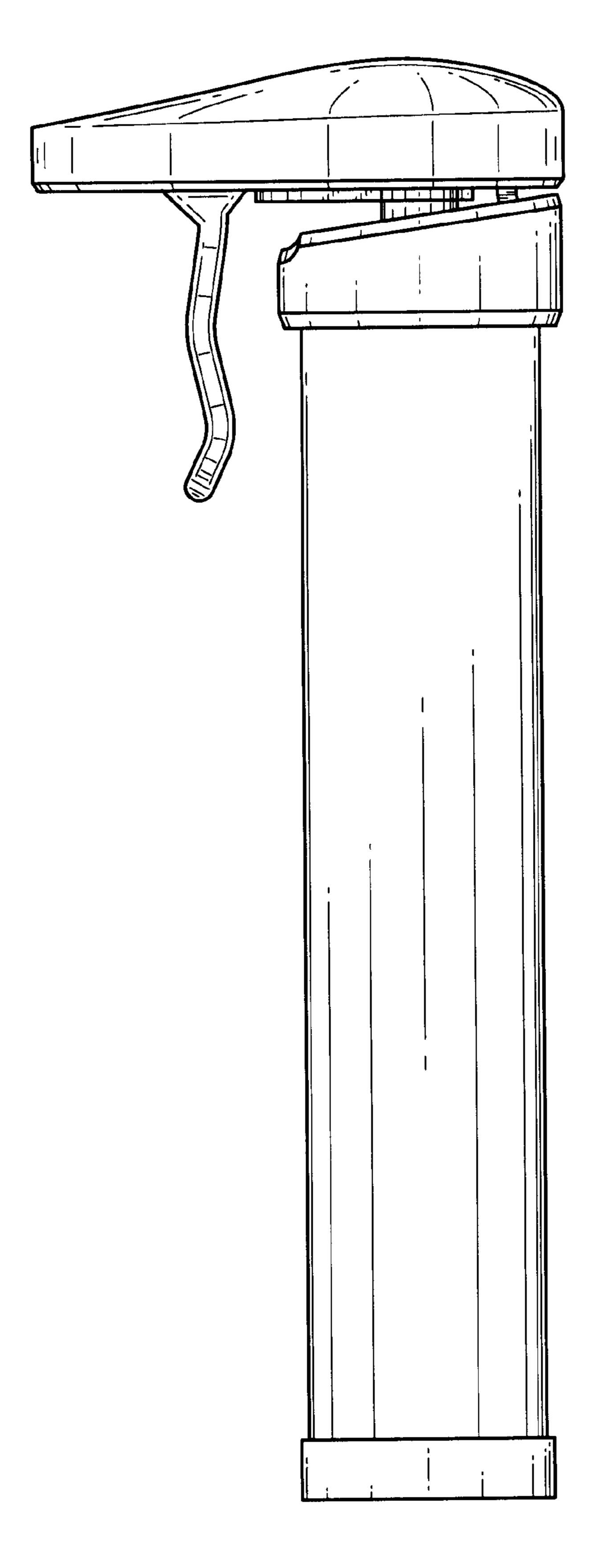


FIG. 4

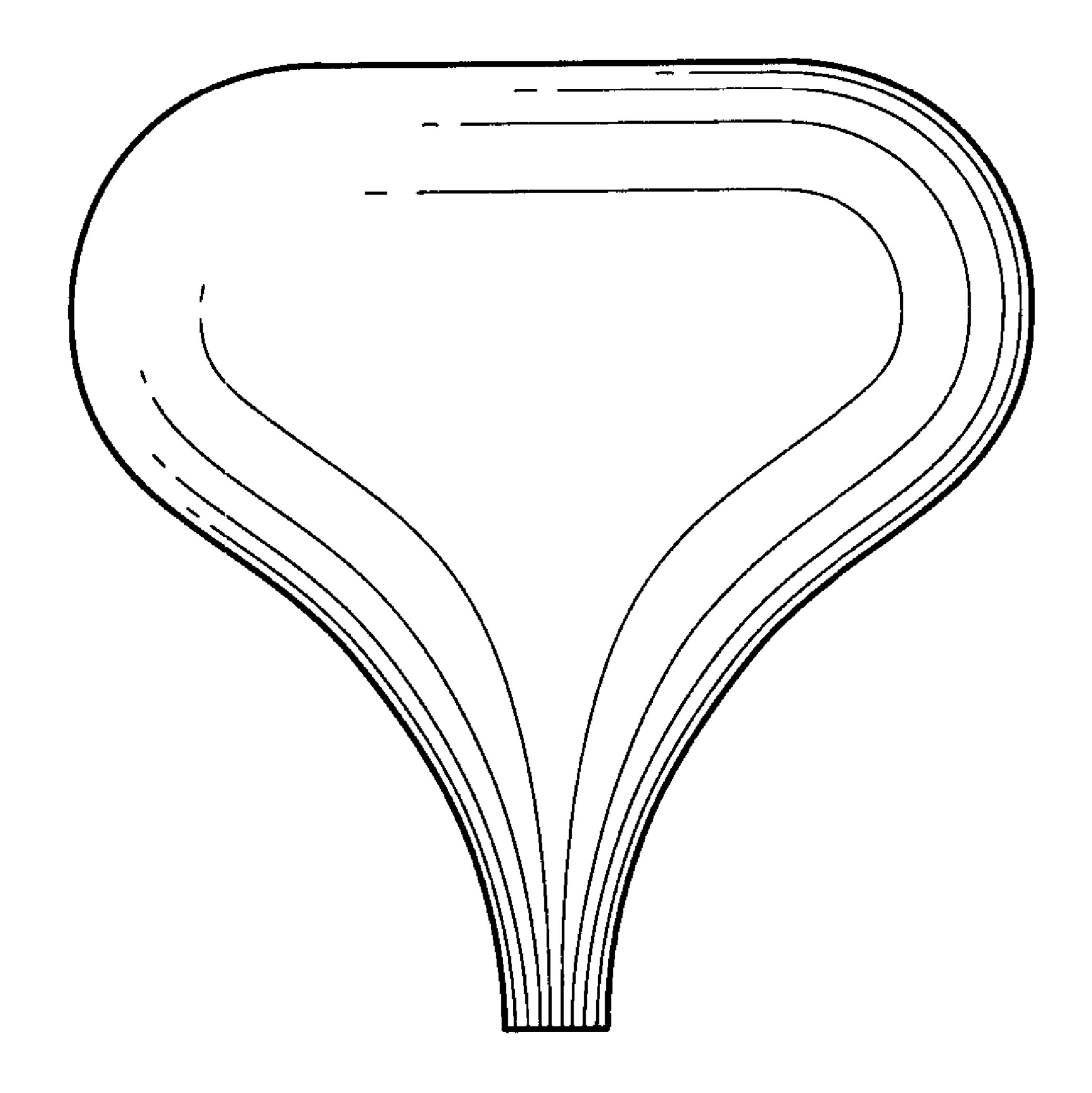


FIG. 5

Oct. 21, 2003

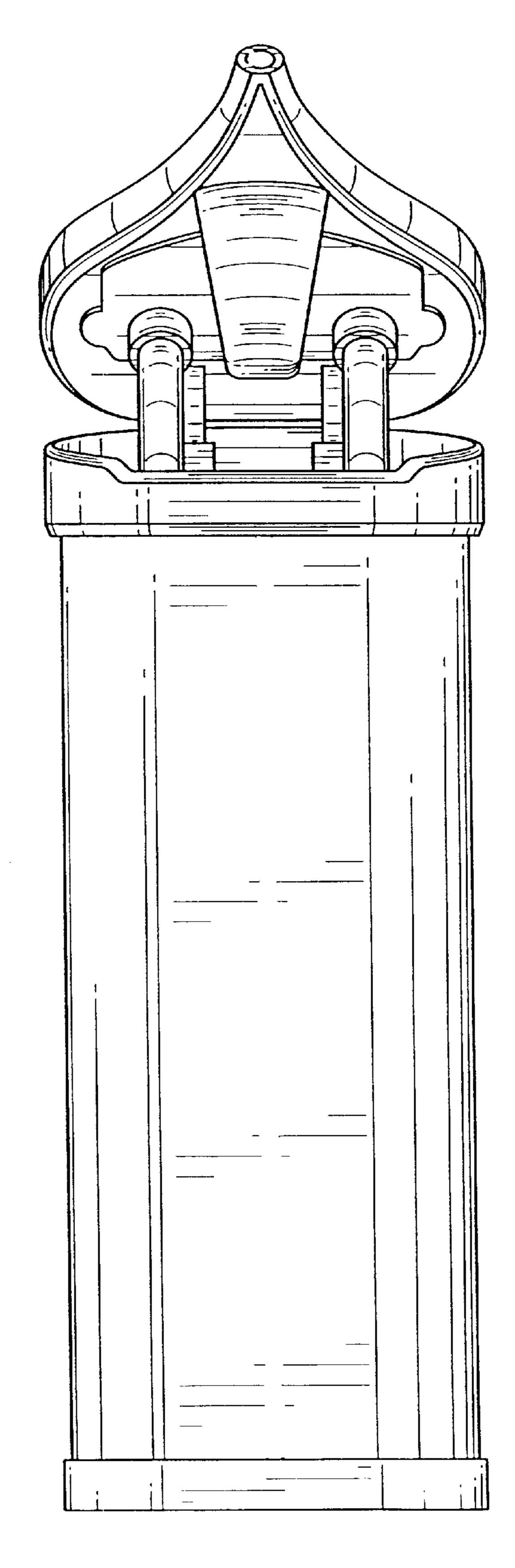


FIG. 6

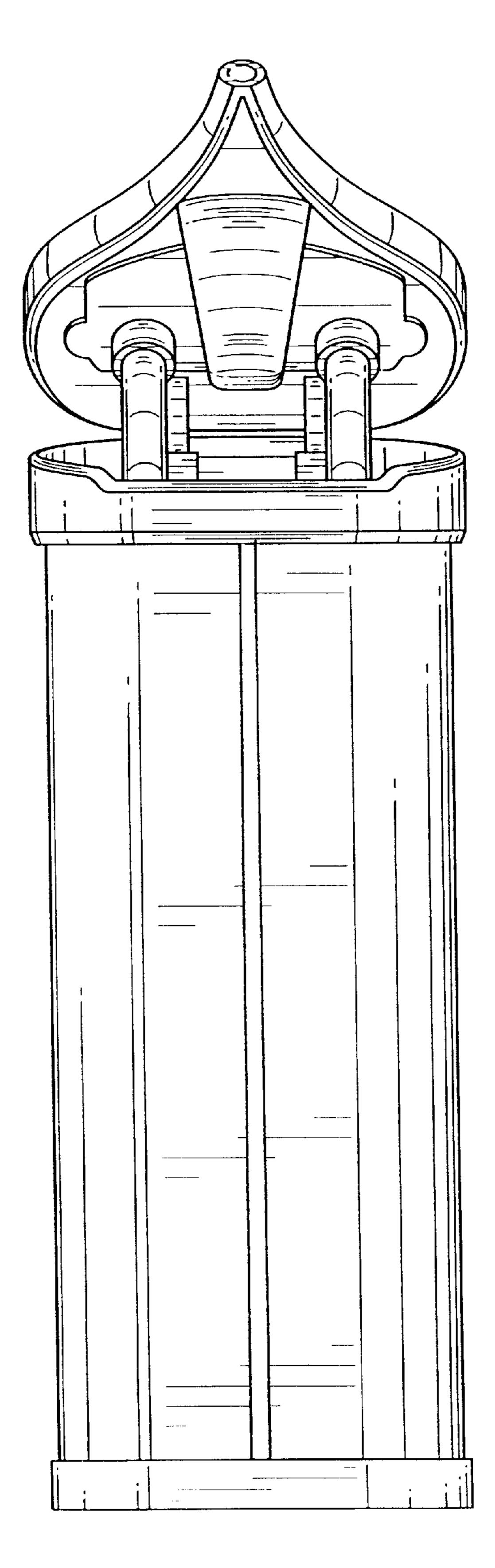


FIG. 7