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

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(54) **LIGHT-BASED DERMAL ENHANCING APPARATUS**

2,538,685 A * 1/1951 Schroer et al. 607/90
2,590,447 A 3/1952 Nord, Jr. et al.

(Continued)

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FOREIGN PATENT DOCUMENTS

DE 10341141 A 9/2003

(Continued)

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OTHER PUBLICATIONS

Office Action from U.S. Appl. No. 11/549,524 dated Aug. 3, 2003.

(Continued)

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

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(21) Appl. No.: **29/275,315**

Assistant Examiner—Wan Laymon

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Related U.S. Application Data

(57) **CLAIM**

(63) Continuation of application No. 11/549,524, filed on Oct. 13, 2006.

The ornamental design for a light-based dermal enhancing apparatus, as shown and described.

(51) **LOC (9) Cl.** **28-03**

DESCRIPTION

(52) **U.S. Cl.** **D24/210; D24/107; D24/133; D24/200**

FIG. 1 is a perspective view of a light-based dermal enhancing apparatus, showing our new design;

(58) **Field of Classification Search** D24/209–210, D24/214–215, 133, 200, 158, 107; 607/88–90, 607/1–2, 7, 96, 100; 604/289, 114, 313; 362/612, 800, 611, 555; 606/2, 13, 9, 32, 606/1, 11–12, 27–31, 131; D26/37–39, 48, D26/50

FIG. 2 is a left side view of the light-based dermal enhancing apparatus of FIG. 1;

See application file for complete search history.

FIG. 3 is a right side view of the light-based dermal enhancing apparatus of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,259,169 A 3/1918 Train
1,554,159 A 9/1925 Hodges
1,948,990 A 2/1934 Mitlehner
1,951,569 A * 3/1934 Vestvold 313/112
2,397,757 A 4/1946 Schwedersky

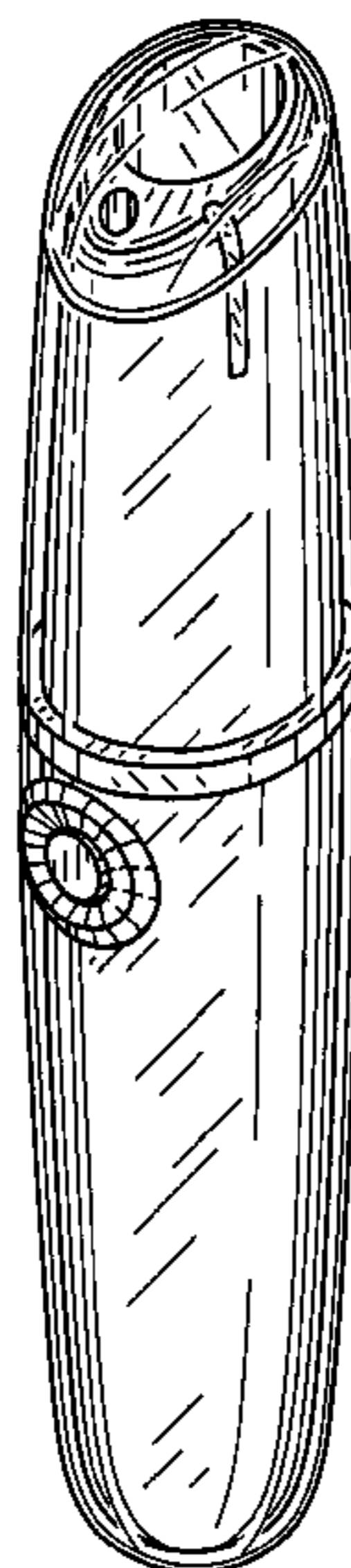
FIG. 4 is a top view of the light-based dermal enhancing apparatus of FIG. 1;

FIG. 5 is a bottom view of the light-based dermal enhancing apparatus of FIG. 1;

FIG. 6 is a front view of the light-based dermal enhancing apparatus of FIG. 1; and,

FIG. 7 is a rear view of the light-based dermal enhancing apparatus of FIG. 1.

1 Claim, 7 Drawing Sheets



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U.S. PATENT DOCUMENTS					
		6,616,451	B1	9/2003	Rizolu et al.
		6,618,614	B1	9/2003	Chance
		6,623,272	B2	9/2003	Clemans
2,688,971	A 9/1954	6,629,971	B2	10/2003	McDaniel
3,261,978	A 7/1966	6,632,218	B1	10/2003	Furumoto et al.
4,253,212	A 3/1981	6,638,496	B2	10/2003	McLaughlin
4,646,743	A 3/1987	6,641,600	B1	11/2003	Kohler
4,742,235	A 5/1988	6,648,904	B2	11/2003	Altshuler et al.
4,779,173	A 10/1988	6,653,618	B2	11/2003	Zenzie
4,930,504	A 6/1990	6,663,620	B2	12/2003	Altshuler et al.
4,983,381	A 1/1991	6,663,659	B2	12/2003	McDaniel
4,988,354	A 1/1991	6,666,878	B2	12/2003	Carlgren
5,030,090	A 7/1991	D485,910	S *	1/2004	Chan D24/215
5,048,144	A 9/1991	6,673,096	B2	1/2004	Lach
5,065,515	A 11/1991	6,676,655	B2	1/2004	McDaniel
5,094,619	A 3/1992	6,702,838	B1	3/2004	Andersen et al.
5,182,857	A 2/1993	6,709,269	B1	3/2004	Altshuler
5,259,380	A 11/1993	6,723,090	B2	4/2004	Altshuler et al.
5,299,104	A 3/1994	6,730,114	B1	5/2004	Guibert et al.
5,300,097	A 4/1994	6,746,444	B2	6/2004	Key
5,303,722	A 4/1994	6,752,627	B2	6/2004	Lin
5,306,143	A 4/1994	D495,076	S *	8/2004	Mandel D26/37
5,405,368	A 4/1995	6,808,532	B2	10/2004	Andersen et al.
5,445,608	A 8/1995	6,811,563	B2	11/2004	Savage, Jr. et al.
D366,703	S * 1/1996	6,835,202	B2	12/2004	Harth et al.
5,549,660	A 8/1996	6,862,771	B1	3/2005	Muller
5,582,476	A 12/1996	6,872,221	B2	3/2005	Lytte
5,595,437	A 1/1997	6,875,225	B1	4/2005	Pederson et al.
RE35,484	E 3/1997	6,878,144	B2	4/2005	Altshuler et al.
5,616,140	A 4/1997	6,887,260	B1	5/2005	McDaniel
5,645,428	A 7/1997	6,896,693	B2	5/2005	Sullivan
5,713,738	A 2/1998	6,902,397	B2	6/2005	Farrell et al.
5,813,855	A 9/1998	6,915,576	B2	7/2005	Brzezinski
5,836,999	A 11/1998	6,916,316	B2	7/2005	Jay
5,843,072	A 12/1998	D508,131	S	8/2005	Kent et al.
5,871,479	A 2/1999	6,936,044	B2	8/2005	McDaniel
6,019,482	A 2/2000	D509,301	S *	9/2005	Talbot et al. D24/215
6,026,828	A 2/2000	6,945,777	B2	9/2005	Black
6,029,303	A 2/2000	6,953,341	B2	10/2005	Black
6,029,304	A 2/2000	6,955,672	B2	10/2005	Cense et al.
6,050,990	A 4/2000	6,989,023	B2	1/2006	Black
6,053,180	A 4/2000	6,997,924	B2	2/2006	Schwartz et al.
6,102,705	A 8/2000	7,002,121	B2	2/2006	Monteleone et al.
6,106,294	A 8/2000	7,006,874	B2	2/2006	Knowlton et al.
6,108,850	A 8/2000	D519,214	S *	4/2006	Lansohn D24/210
6,171,332	B1 1/2001	7,041,094	B2	5/2006	Connors et al.
6,183,500	B1 2/2001	7,211,986	B1	5/2007	Flowerdew et al.
6,202,242	B1 3/2001	7,223,281	B2	5/2007	Altshuler et al.
6,221,095	B1 4/2001	D569,987	S *	5/2008	Oberreiter et al. D24/210
6,254,388	B1 7/2001	2001/0023363	A1	9/2001	Harth et al.
6,274,122	B1 8/2001	2001/0041856	A1	11/2001	McDaniel
6,280,438	B1 8/2001	2002/0001202	A1	1/2002	Williams et al.
6,283,956	B1 9/2001	2002/0002391	A1	1/2002	Gerdes
6,290,496	B1 9/2001	2002/0058930	A1	5/2002	Furumoto
6,290,713	B1 9/2001	2002/0077678	A1	6/2002	Andersen et al.
6,295,390	B1 9/2001	2002/0095143	A1	7/2002	Key
6,343,400	B1 2/2002	2002/0111656	A1	8/2002	Lach
6,361,320	B2 3/2002	2002/0120225	A1	8/2002	McDaniel
6,379,376	B1 4/2002	2002/0123746	A1	9/2002	McDaniel
6,387,089	B1 5/2002	2002/0128695	A1	9/2002	Harth et al.
6,398,753	B2 6/2002	2002/0128696	A1	9/2002	Pearl et al.
6,440,396	B1 8/2002	2002/0148183	A1	10/2002	Grant
6,471,716	B1 10/2002	2002/0155071	A1	10/2002	McLaughlin
6,483,651	B1 11/2002	2002/0173833	A1	11/2002	Korman et al.
6,497,719	B2 12/2002	2002/0188334	A1	12/2002	Carlgren
6,508,813	B1 1/2003	2002/0198575	A1	12/2002	Sullivan
6,517,532	B1 2/2003	2003/0004499	A1	1/2003	McDaniel
6,533,775	B1 3/2003	2003/0004556	A1	1/2003	McDaniel
6,558,372	B1 5/2003	2003/0009158	A1	1/2003	Perricone
6,558,654	B2 5/2003	2003/0023283	A1	1/2003	McDaniel
6,572,637	B1 * 6/2003	2003/0060811	A1	3/2003	McDaniel
6,602,275	B1 8/2003	2003/0069567	A1	4/2003	Eckhouse et al.
6,605,080	B1 8/2003	2003/0093915	A1	5/2003	Pearl et al.
6,606,755	B1 8/2003				

US D585,997 S

2003/0109860	A1	6/2003	Black	2005/0066370	A1	3/2005	Alvarado et al.
2003/0129154	A1	7/2003	McDaniel	2005/0066579	A1	3/2005	Winner
2003/0216795	A1	11/2003	Harth et al.	2005/0090877	A1	4/2005	Harth et al.
2003/0232303	A1	12/2003	Black	2005/0143792	A1	6/2005	Jay
2004/0006332	A1	1/2004	Black	2005/0149150	A1	7/2005	McDaniel
2004/0015214	A1	1/2004	Simkin et al.	2005/0152146	A1	7/2005	Owen et al.
2004/0019990	A1	2/2004	Farrell et al.	2005/0159796	A1	7/2005	Ronn
2004/0029856	A1	2/2004	Simkin et al.	2005/0177093	A1	8/2005	Barry et al.
2004/0034397	A1	2/2004	Lin	2005/0177142	A1	8/2005	Jay
2004/0039380	A1	2/2004	Foldes	2005/0192651	A1	9/2005	Walneck et al.
2004/0048224	A1	3/2004	Black	2005/0222648	A1	10/2005	Simonsen
2004/0049247	A1	3/2004	Perricone	2005/0251242	A1	11/2005	Bousfield et al.
2004/0092917	A1	5/2004	Jay	2005/0267451	A1	12/2005	Black
2004/0092918	A1	5/2004	Jay	2006/0087831	A1	4/2006	Kramer
2004/0093047	A1	5/2004	Lach	2006/0092170	A1	5/2006	Bathiche et al.
2004/0098069	A1	5/2004	Clement et al.	2006/0223024	A1	10/2006	Hochman
2004/0116913	A1	6/2004	Pilcher et al.	2006/0240386	A1	10/2006	Yaniv et al.
2004/0116985	A1	6/2004	Black	2006/0247742	A1*	11/2006	Lee 607/89
2004/0122492	A1	6/2004	Harth et al.	2007/0217199	A1*	9/2007	Adam et al. 362/276
2004/0138726	A1	7/2004	Savage et al.	2008/0009839	A1*	1/2008	Dotson 606/4
2004/0147984	A1	7/2004	Altshuler et al.				
2004/0167497	A1	8/2004	Walneck et al.				
2004/0167499	A1	8/2004	Grove et al.				
2004/0193235	A1	9/2004	Altshuler et al.				
2004/0193236	A1	9/2004	Altshuler et al.				
2004/0199152	A1	10/2004	Key				
2004/0219179	A1	11/2004	McDaniel				
2004/0230260	A1	11/2004	MacFarland et al.				
2004/0260209	A1	12/2004	Ella et al.				
2005/0015117	A1	1/2005	Gerber				
2005/0015121	A1	1/2005	Molina				
2005/0021012	A1	1/2005	Bernstein				
2005/0049642	A1	3/2005	Bernabei				
2005/0049658	A1	3/2005	Connors et al.				
2005/0053895	A1	3/2005	Pinyayev et al.				
2005/0053896	A1	3/2005	Pinyayev et al.				
2005/0053898	A1	3/2005	Ghosh et al.				
2005/0055070	A1	3/2005	Jones et al.				
2005/0055071	A1	3/2005	Bernstein				
2005/0065579	A1*	3/2005	Chen et al. 607/88				

FOREIGN PATENT DOCUMENTS

EP	0320080	A1	6/1989
FR	2620072	A1	3/1989
FR	2699448	A1	6/1994
JP	2004283542	A	10/2004
WO	WO 84/04463	A1	11/1984
WO	WO 92/13684	A2	8/1992
WO	2005072642	A1	8/2005

OTHER PUBLICATIONS

Office Action from U.S. Appl. No. 11/549,524 dated Mar. 17, 2008.
 Search Report and Written Opinion from International Application No. PCT/US07/06636, Mailing date Mar. 27, 2008.
 International Search Report and Written Opinion from corresponding Application No. PCT/US06/43565 dated Aug. 20, 2007.
 Office Action from U.S. Appl. No. 11/686,797, dated Jul. 9, 2008.

* cited by examiner

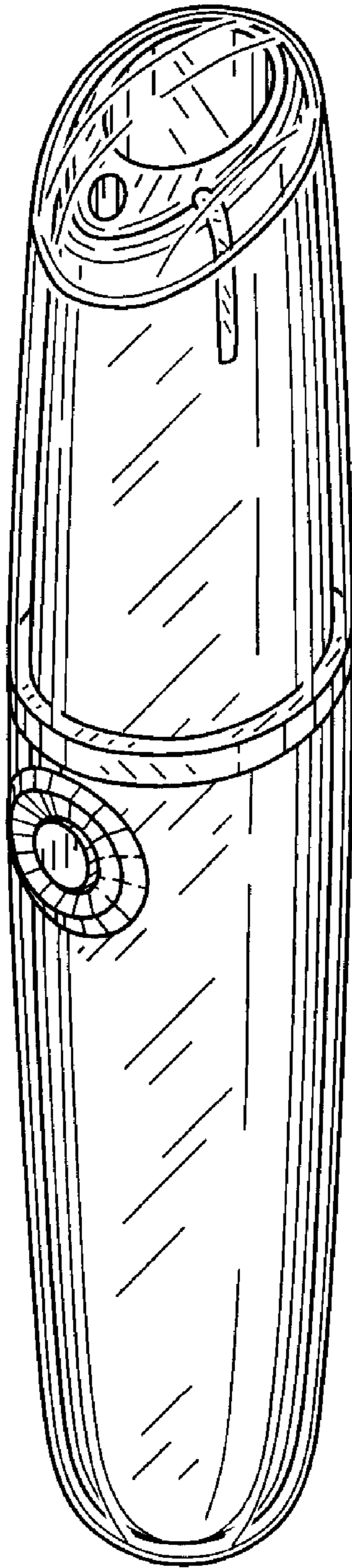


FIG. 1

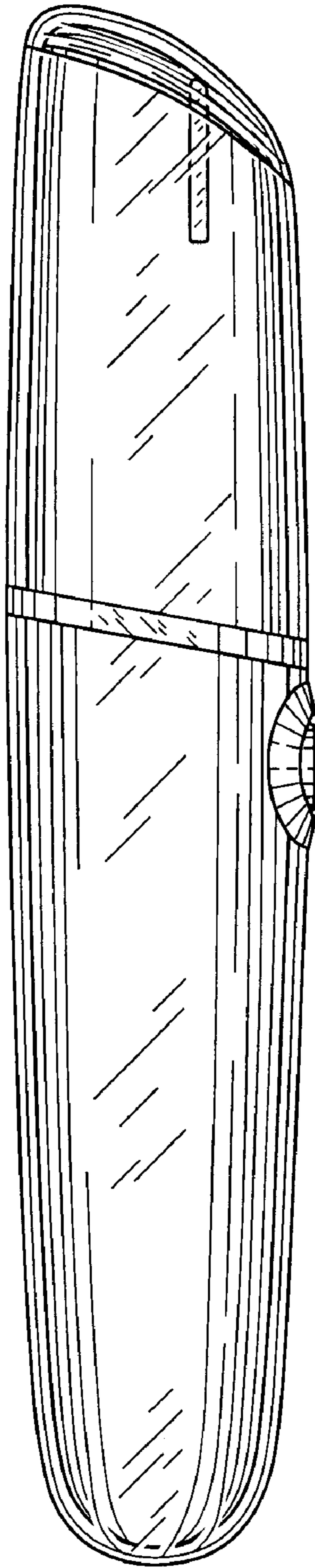


FIG. 2

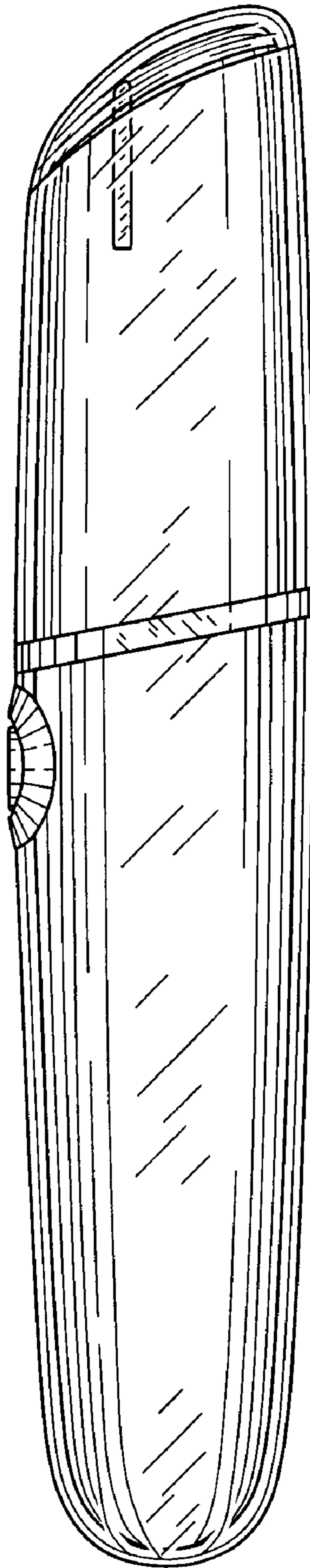


FIG. 3

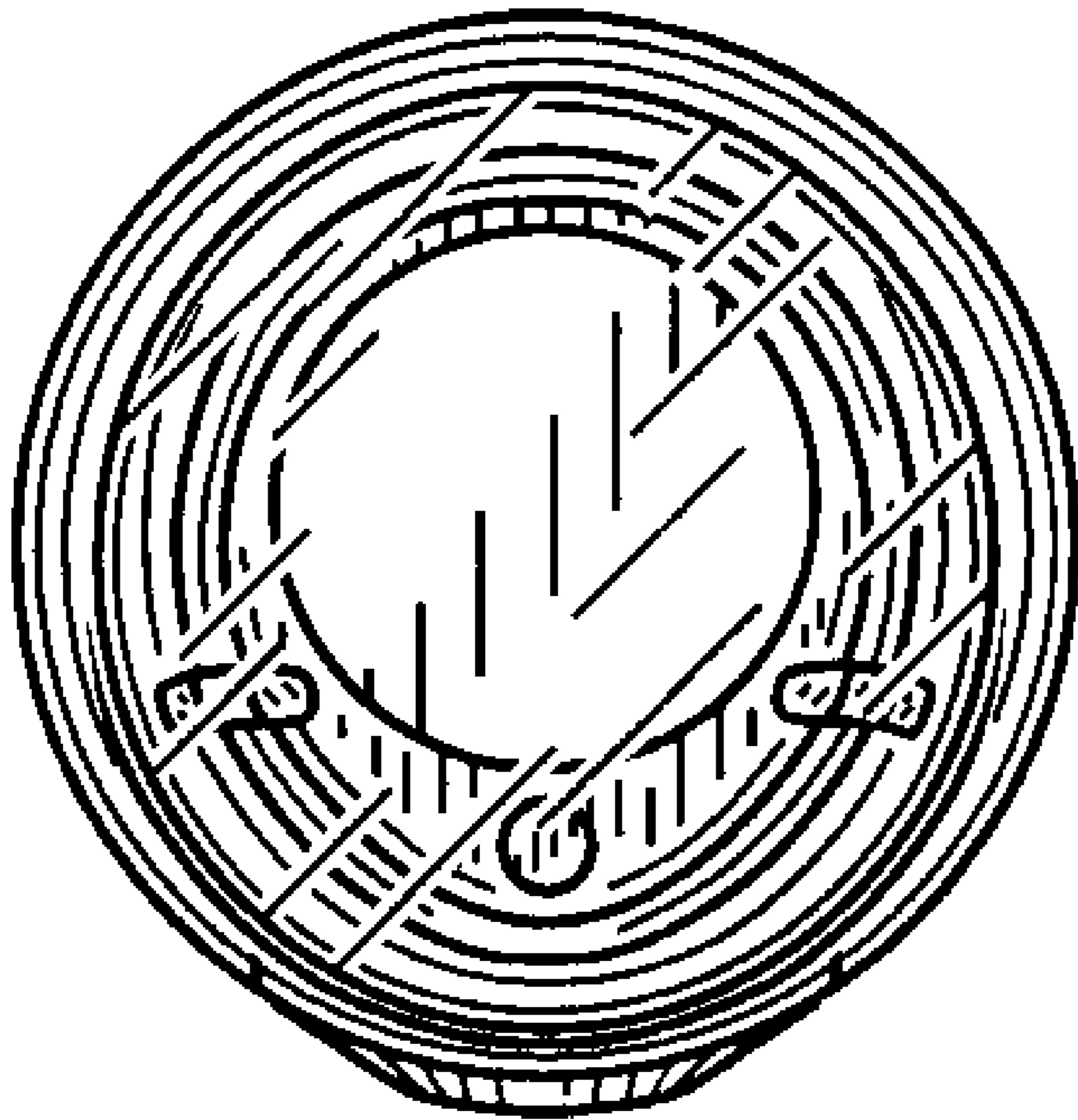


FIG. 4

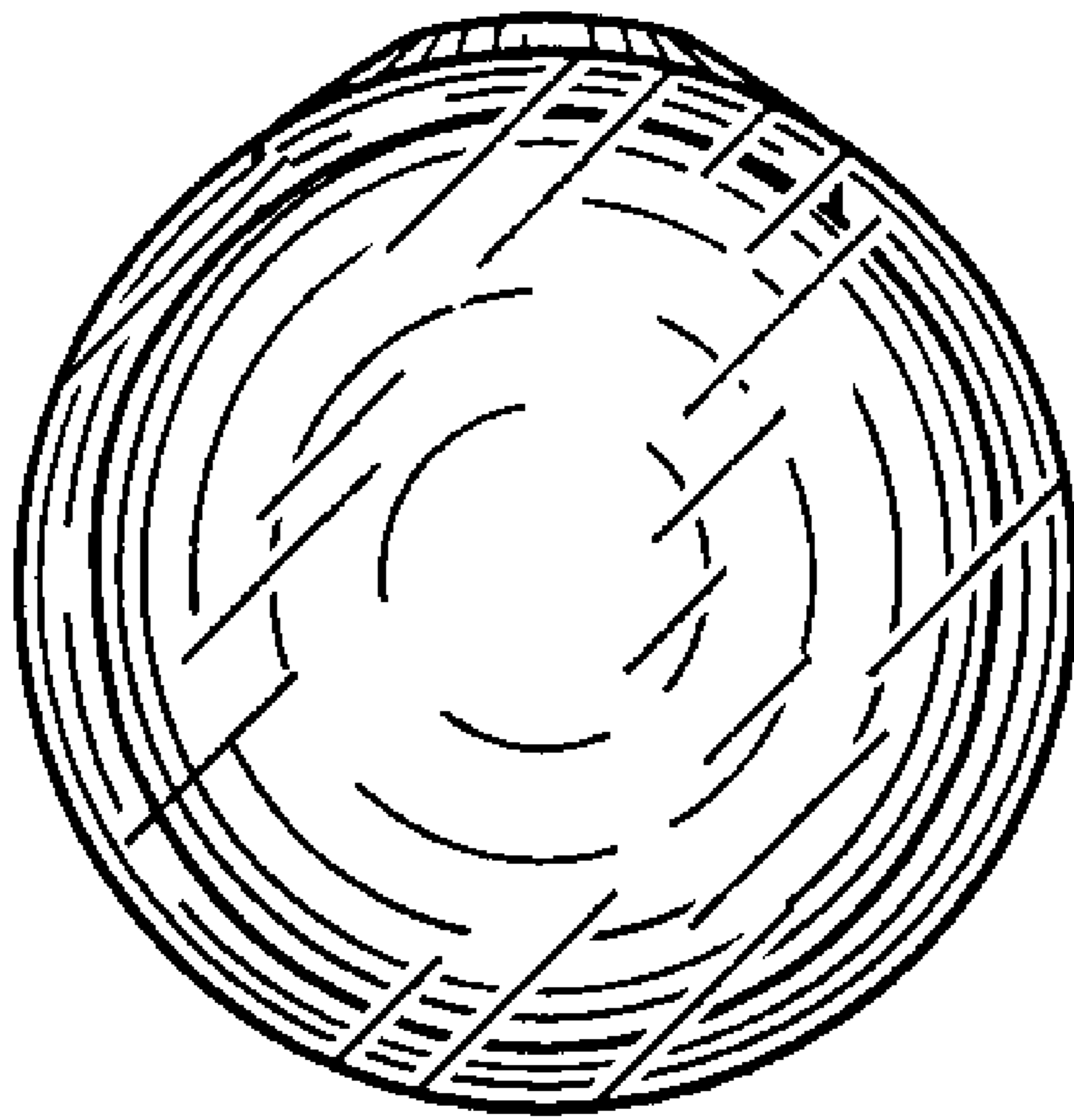


FIG. 5

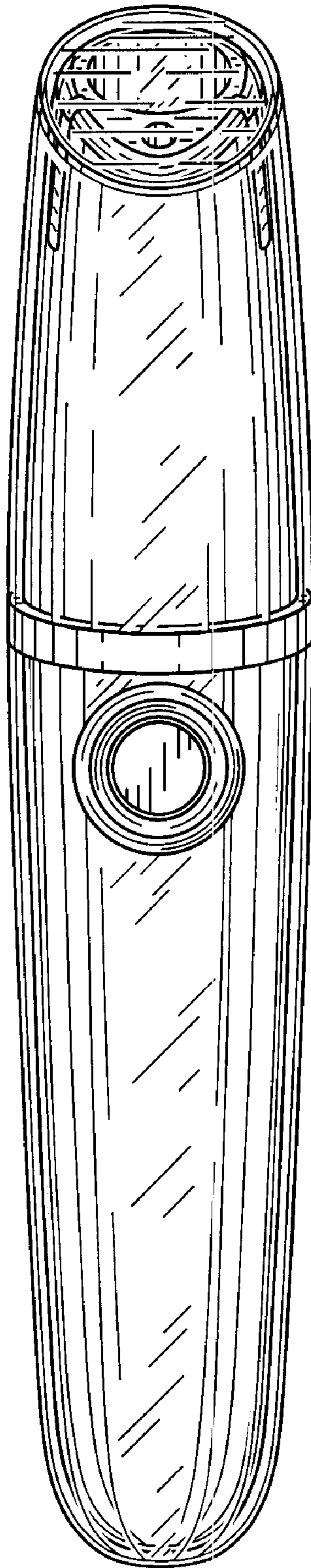


FIG. 6

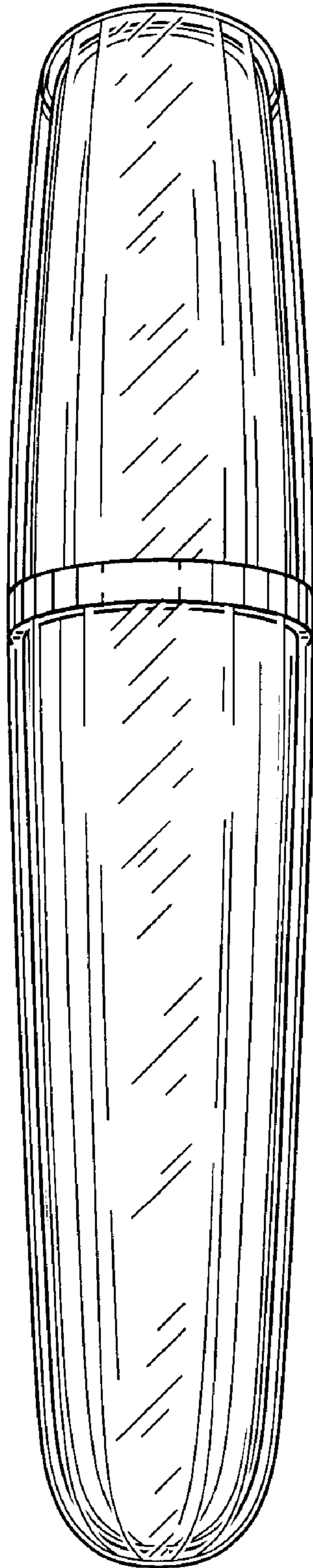


FIG. 7