



US00D695584S

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

(10) **Patent No.:** **US D695,584 S**

(45) **Date of Patent:** **\*\* Dec. 17, 2013**

(54) **DUST DRILL COLLECTOR**

(76) Inventor: **Chao-Yang Chen**, New Taipei (TW)

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

(21) Appl. No.: **29/430,915**

(22) Filed: **Aug. 31, 2012**

(51) **LOC (9) Cl.** ..... **08-03**

(52) **U.S. Cl.**  
USPC ..... **D8/70; D8/86**

(58) **Field of Classification Search**  
USPC ..... D8/61-71, 90, 363; D15/124, 125, 126,  
D15/132, 138, 139, 140; 51/270; 83/665;  
144/252; 145/116; 173/75, 209, 211;  
175/209, 211; 408/58, 67, 72, 204,  
408/206, 207, 209, 241 G; 451/47, 56, 324,  
451/342, 347-349, 357-360, 364, 388,  
451/420-423, 541, 547-549; D32/1, 14,  
D32/25, 35; D22/103; D24/112, 115, 130;  
D12/174, 179, 195, 197, 400, 159

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D194,419	S	*	1/1963	Whiton	.....	D24/115
3,230,001	A	*	1/1966	Hirt	.....	294/184
D206,039	S	*	10/1966	Cronin	.....	D24/115
3,339,435	A	*	9/1967	Heitz	.....	408/67
D225,715	S	*	1/1973	McCord	.....	D8/71
3,934,661	A	*	1/1976	Sauerwein et al.	.....	175/211
D241,882	S	*	10/1976	Gross	.....	D24/115
D243,122	S	*	1/1977	Dash	.....	D24/115
D285,618	S	*	9/1986	Borgman	.....	D32/25
D288,006	S	*	1/1987	Bergstrom et al.	.....	D24/115
5,061,123	A	*	10/1991	Broussard	.....	408/67
5,160,230	A	*	11/1992	Cuevas	.....	408/67
5,653,561	A	*	8/1997	May	.....	408/67
D385,073	S	*	10/1997	Tash	.....	D32/35
D417,000	S	*	11/1999	Poynter et al.	.....	D24/115
D428,135	S	*	7/2000	Potchen	.....	D23/418

D437,667	S	*	2/2001	Hwang	.....	D32/35
D509,333	S	*	9/2005	Tash	.....	D32/35
D542,312	S	*	5/2007	Skradski et al.	.....	D15/138

(Continued)

**OTHER PUBLICATIONS**

U-Life DIY Electric Drill Dust Collection Plant. Apr. 3, 2013 [online], [retrieved on Jul. 11, 2013]. Retrieved from the Internet <URL: <http://www.lelong.com.my/u-life-diy-electric-drill-dust-collection-plant-yw1123-126104579-2014-03-Sale-P.htm>>.\*

(Continued)

*Primary Examiner* — Philip S Hyder  
*Assistant Examiner* — Darlington Ly  
(74) *Attorney, Agent, or Firm* — Rosenberg, Klein & Lee

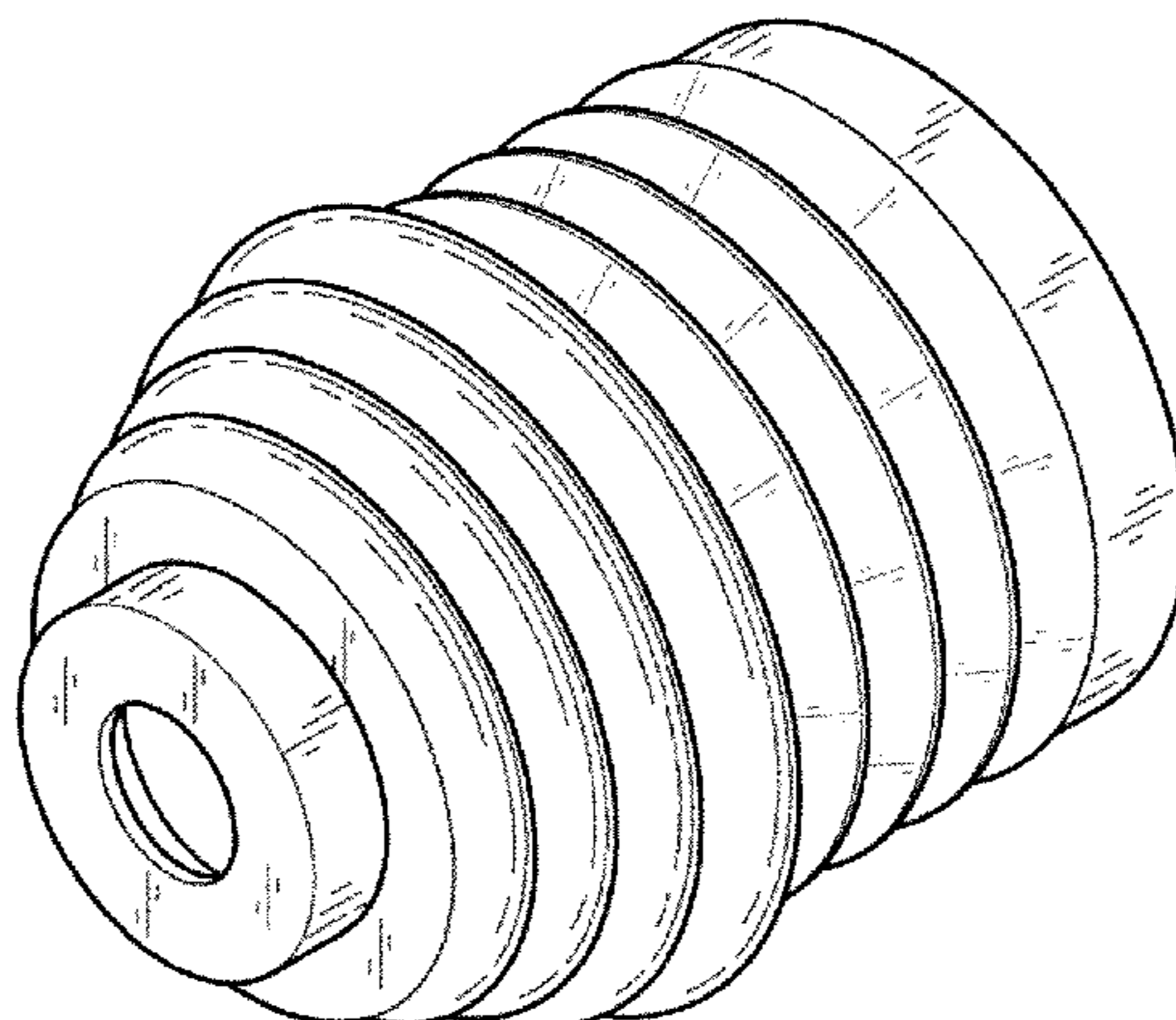
(57) **CLAIM**

The ornamental design for a dust drill collector, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an dust drill collector showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a right side elevational view thereof, a left side elevational view being a mirror image thereof;  
FIG. 5 is a top plan elevational view thereof, a bottom plan elevational view being a mirror image thereof;  
FIG. 6 is a cross-sectional view taken along the line 6-6 in FIG. 4; and,  
FIG. 7 is a right side elevational view thereof; wherein the dust drill collector is show attached to an environmental drill application.  
The broken lines shown in the drawings illustrate environmental structure for the dust drill collector that forms no part of claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

**OTHER PUBLICATIONS**

U.S. PATENT DOCUMENTS

D542,313 S \* 5/2007 Skradski et al. .... D15/138  
D543,563 S \* 5/2007 Skradski et al. .... D15/138  
D575,311 S \* 8/2008 Konecny ..... D15/138  
D588,893 S \* 3/2009 Radich ..... D8/70  
D590,227 S \* 4/2009 Yun ..... D8/70  
D677,292 S \* 3/2013 Barnes ..... D15/138  
2013/0094915 A1\* 4/2013 Chen ..... 408/67

Electric Drill Dust Collection Plant . Jan. 8, 2013 [online], [retrieved on Jul. 11, 2013]. Retrieved from the Internet <URL: <http://www.lelong.com/my/electric-drill-dust-collection-plant-rm180-00-skldiyuptown-126039553-2013-05-Sale-P.htm>>.\*

\* cited by examiner

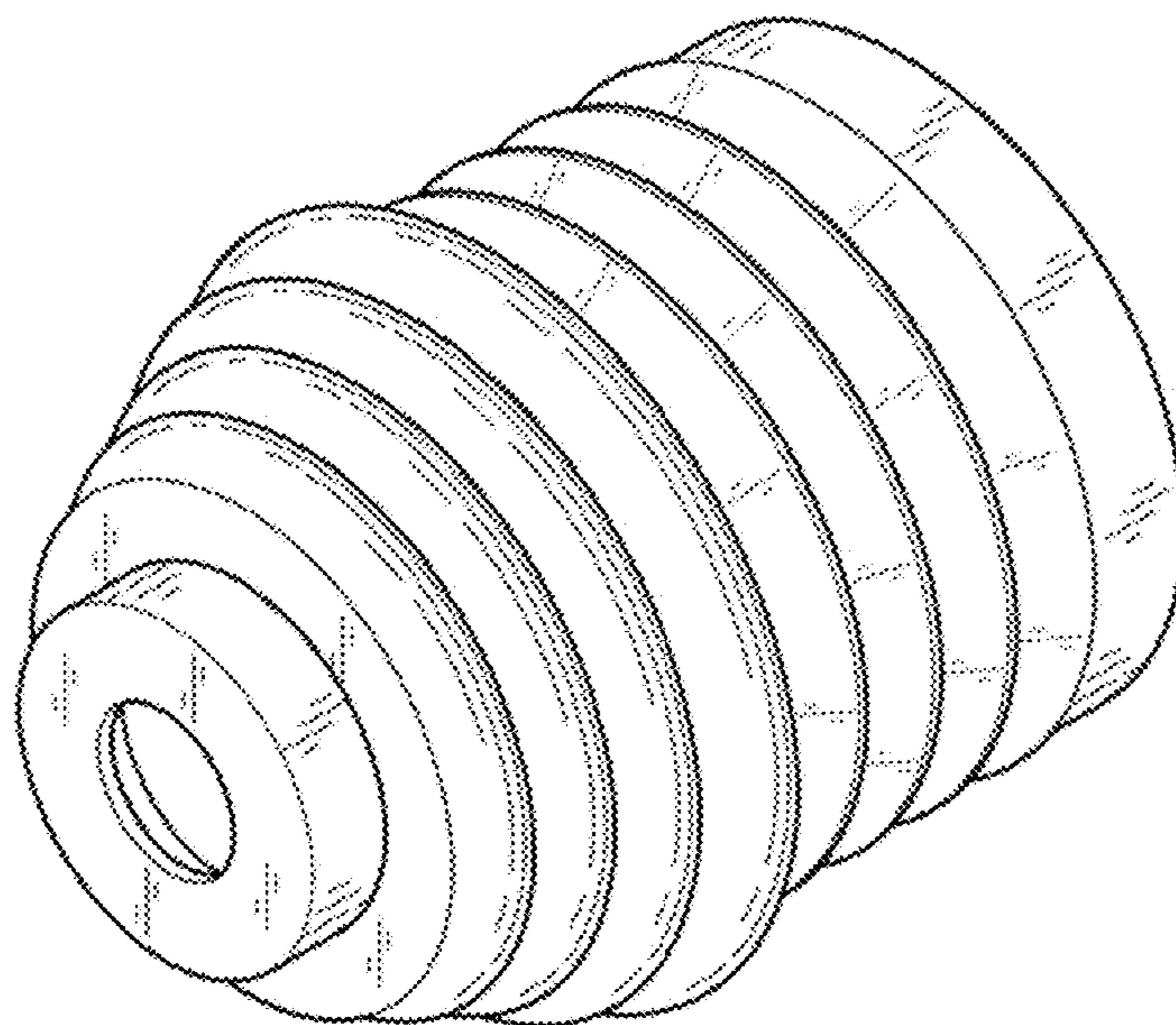


FIG.1

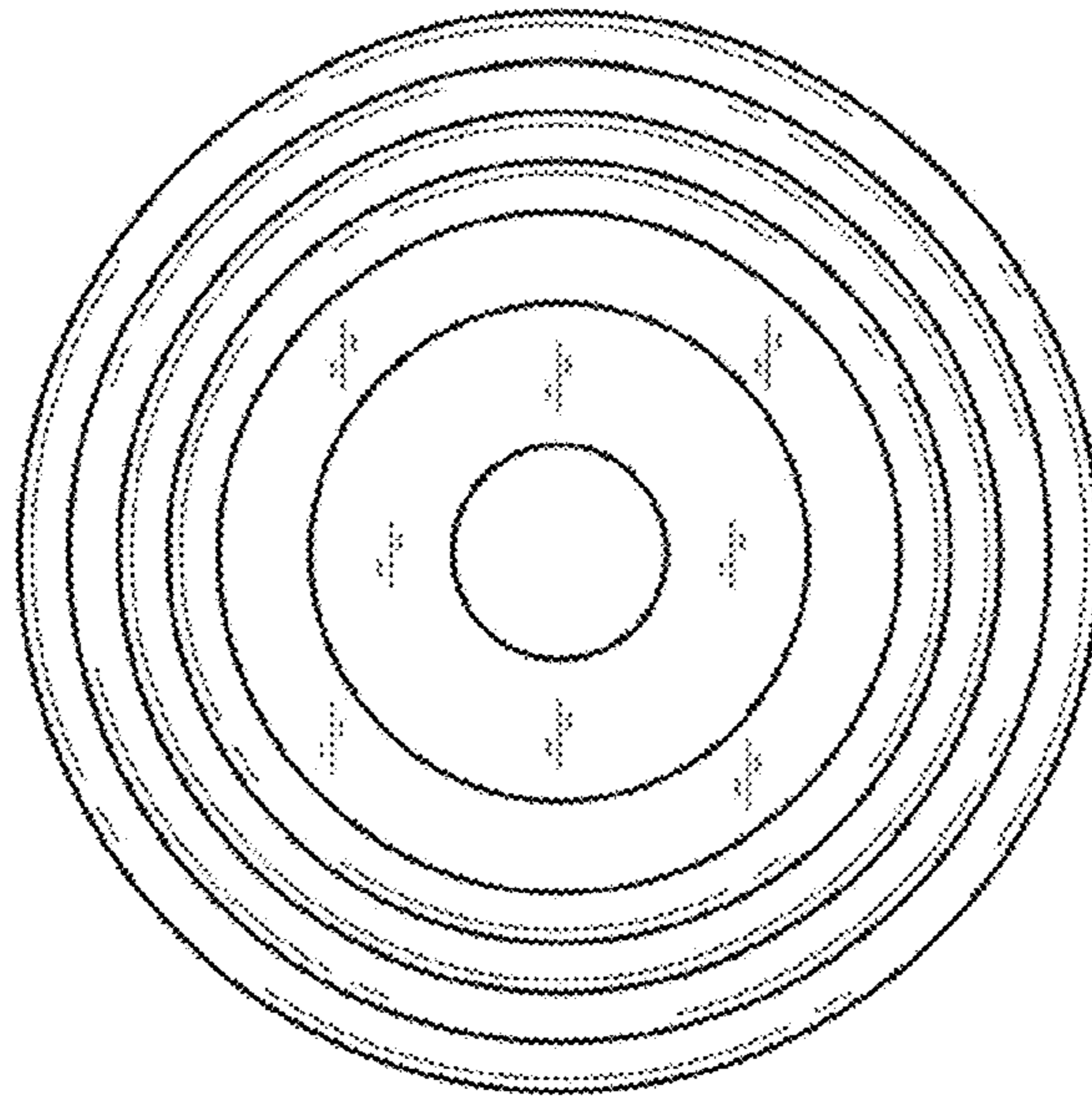


FIG. 2

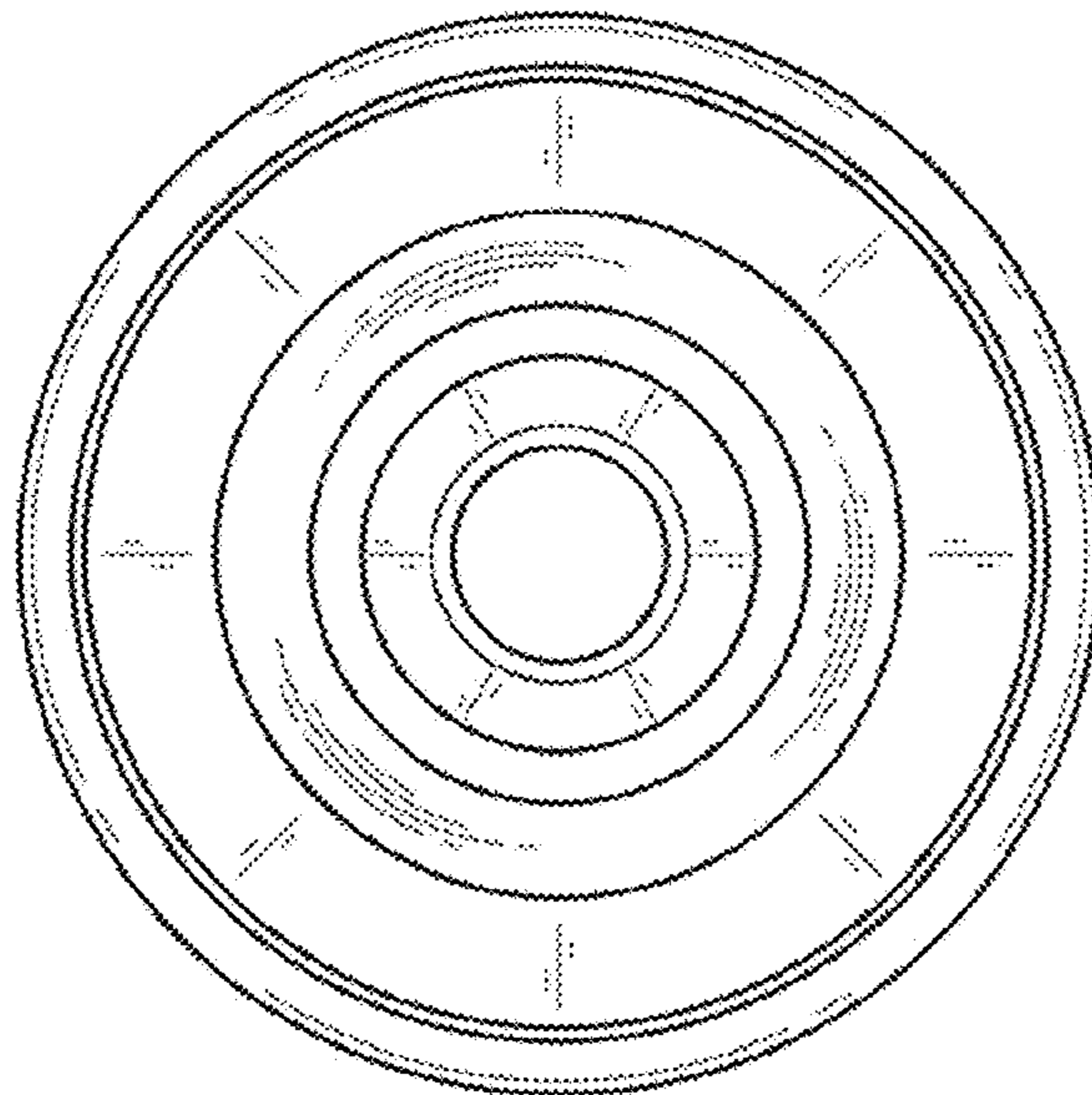


FIG. 3

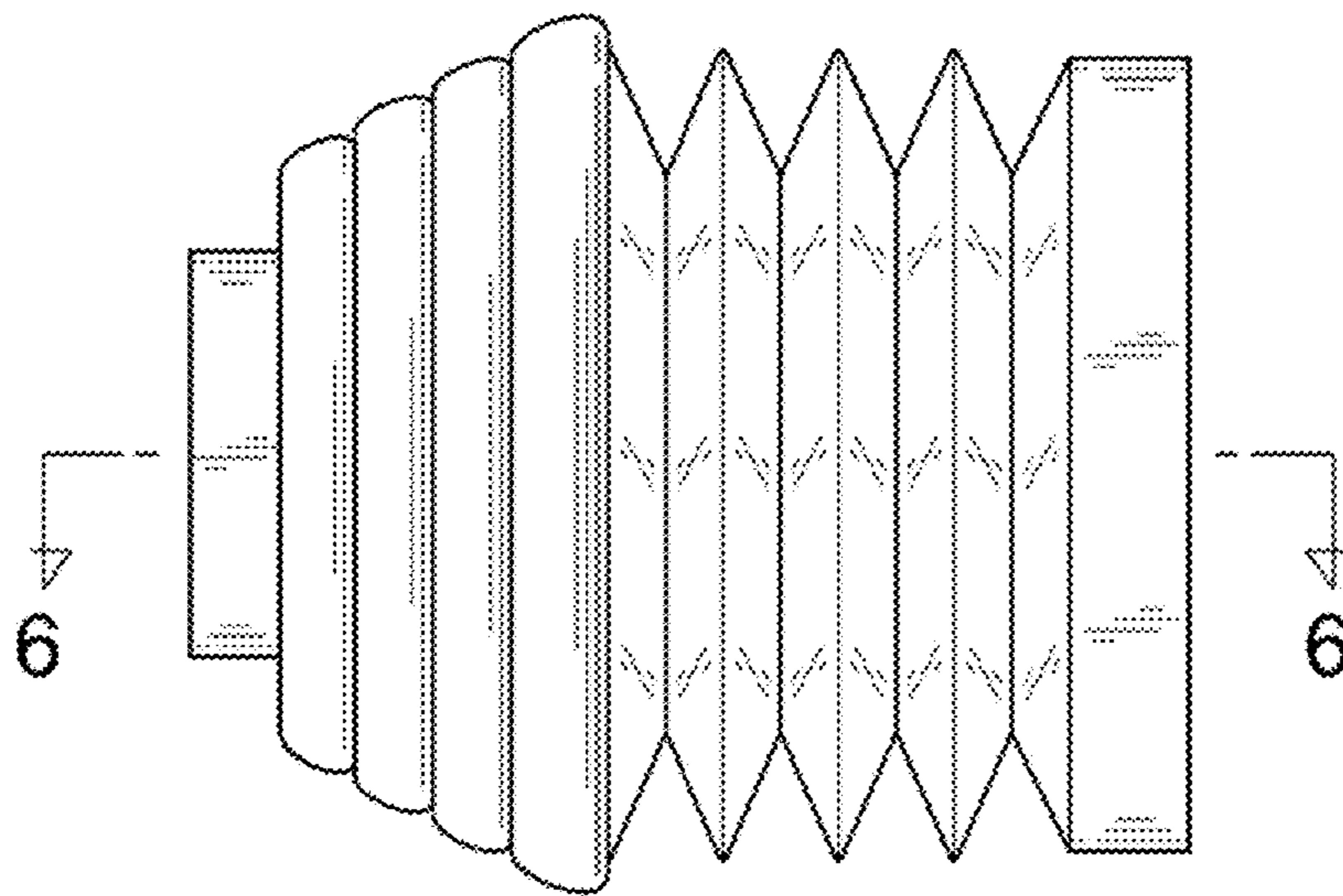


FIG.4

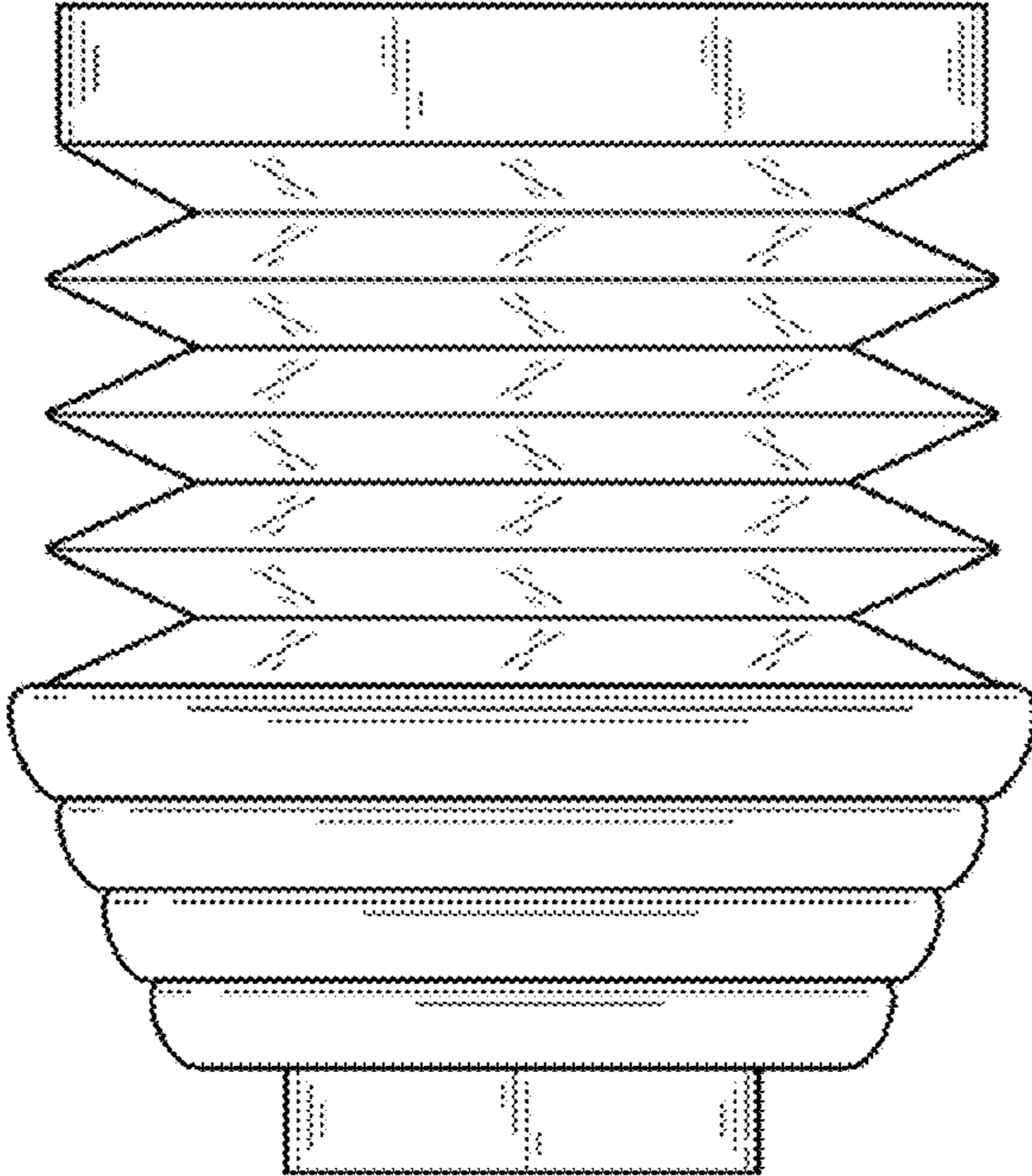


FIG.5

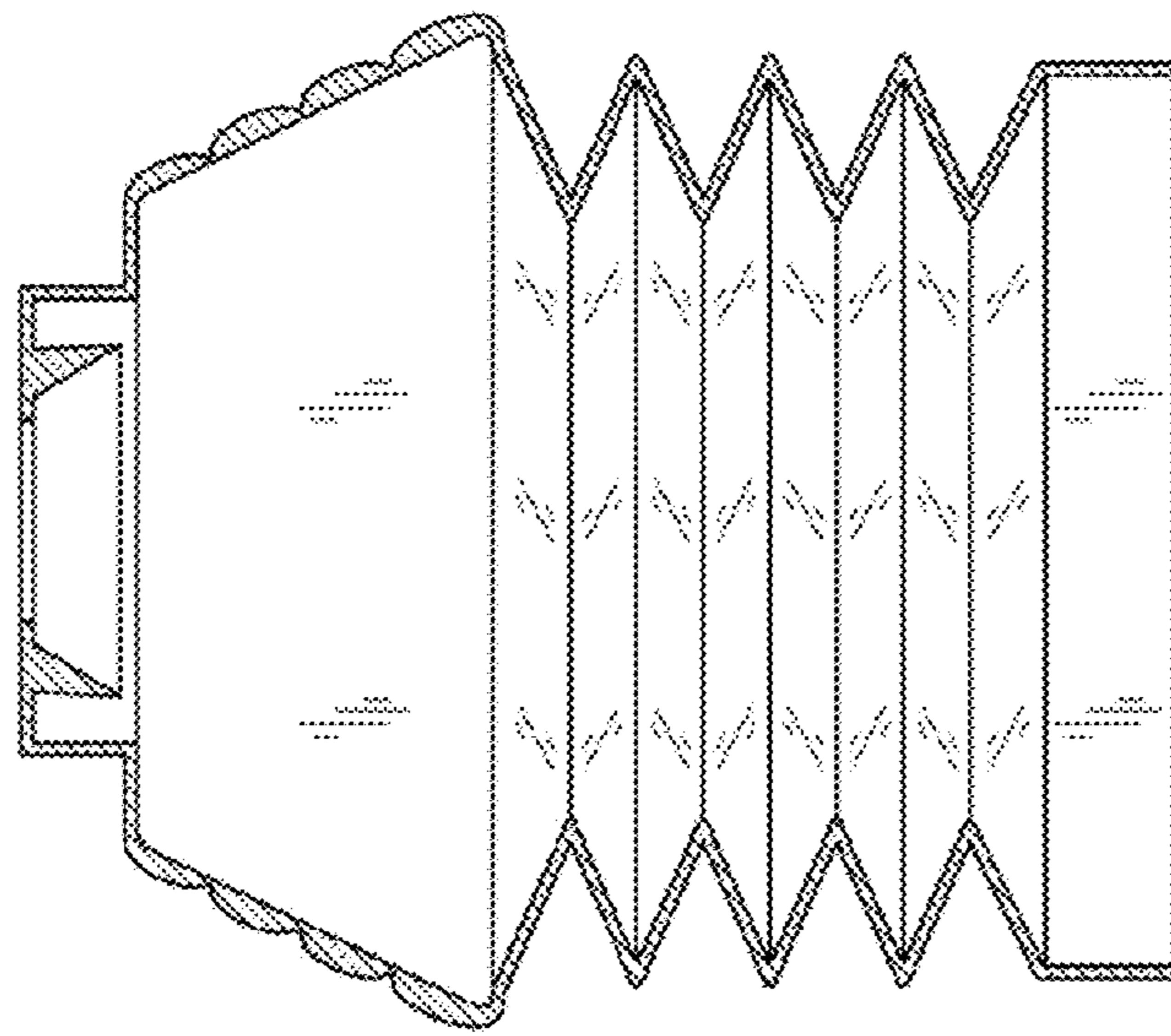


FIG.6

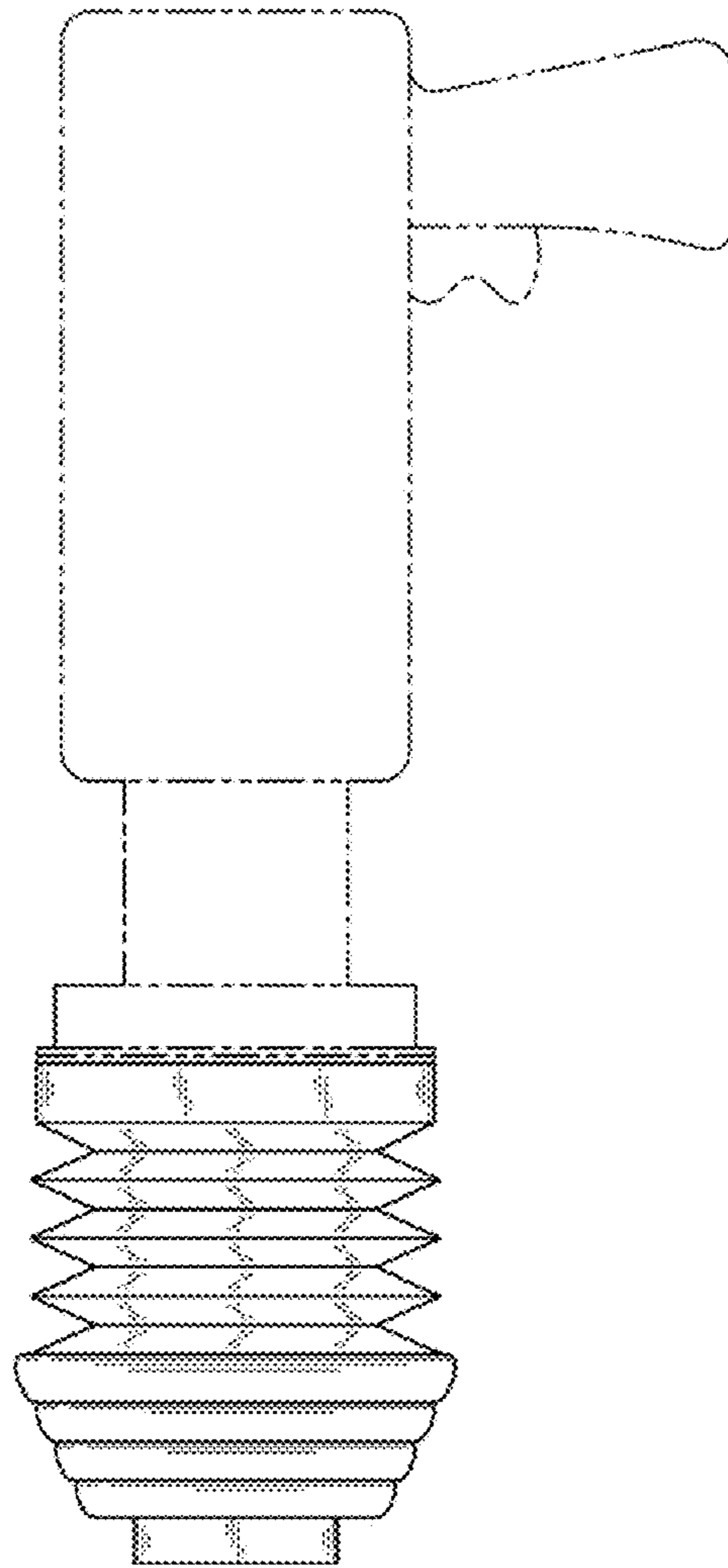


FIG. 7