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Miyoshi et al.

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(54) **SPEAKER**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/207**; D14/204

(58) **Field of Classification Search**
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D14/204, 207, 209.1, 210–216, 219, 221,
D14/222, 224, 496; 181/143, 144, 147, 148,
181/150, 153, 157, 198, 199; 381/300–303,
381/306, 332, 333, 336, 345, 361–364,
381/386–388; 369/6–12; D10/52, 53,
D10/55–57; D16/237, 246–250; 367/178,
367/180; 396/207–210
CPC B60R 11/0217; G06F 1/1688; H04M 1/03;
H04M 1/035; H04R 1/02; H04R 1/06; H04R
1/021; H04R 1/025; H04R 1/026; H04R
1/028; H04R 1/105; H04R 1/323; H04R
1/403; H04R 1/2803; H04R 1/2834; H04R
5/02; H04R 7/20; H04R 9/06; H04R 9/025;
H04R 2201/021; H04R 2400/00; H04R
2400/07; H04R 2499/11; H04R 2499/13;
H04R 2499/15; H04S 3/00; H04S 7/30;
G01V 1/16; G01V 1/18; G01V 1/20; G01V
1/38; G01V 1/181; G01V 1/201; G01V 9/22;
G01V 9/122; G01V 15/04

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D183,357 S * 8/1958 Lindenberg D14/211
D188,326 S * 7/1960 Sharp D14/214

(Continued)

FOREIGN PATENT DOCUMENTS

CA 2396260 * 7/2001 H04R 17/00

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front and side perspective view of a speaker showing a first embodiment of my new design, the speaker having an electroacoustic converter film capable of being drawn out of a housing tube;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a left side elevational view thereof;

FIG. 7 is a right side elevational view thereof;

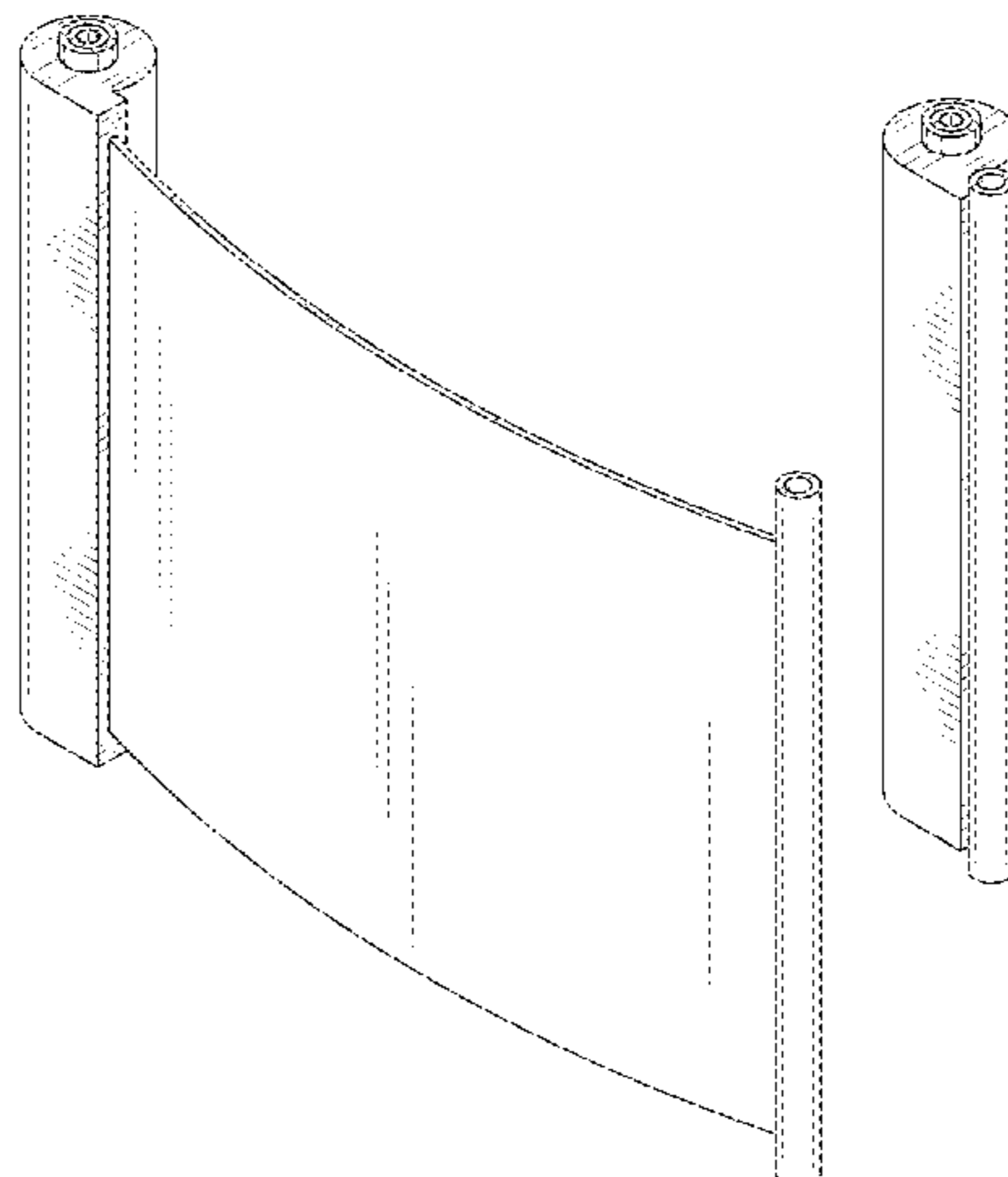
FIG. 8 is a top, front and side perspective view thereof in which the electroacoustic converter film is in a state of being wound;

FIG. 9 is a top, front and side perspective view thereof in a manner of use in which the speaker is attached with legs so as to raise itself up; and,

FIG. 10 is a top, front and side perspective view of a speaker showing a second embodiment of my new design in which an organic EL display is secured on an electroacoustic converter film.

The broken lines shown are included for the purpose of illustrating portions of the speaker that form no part of the claim.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,490,348	A *	1/1970	Ariyasu et al.	396/512	D472,543	S *	4/2003	Shintani	D14/211
4,088,915	A *	5/1978	Kodama	310/334	D516,059	S *	2/2006	Murphy	D14/211
D330,549	S *	10/1992	Takahashi	D14/481	D516,578	S *	3/2006	Matsuoka	D14/496
D330,550	S *	10/1992	Takahashi	D14/481	D671,524	S *	11/2012	Fathollahi	D14/211
D347,836	S *	6/1994	Kataoka et al.	D14/481	D674,777	S *	1/2013	Tsai	D14/209.1
6,218,766	B1 *	4/2001	Warnaka et al.	310/322	D681,008	S *	4/2013	Fathollahi	D14/214
D449,590	S *	10/2001	Lewis	D14/188	D724,555	S *	3/2015	Cha et al.	D14/126
					2005/0053257	A1 *	3/2005	Johnson et al.	381/431
					2011/0163999	A1 *	7/2011	Lin	345/176

* cited by examiner

FIG. 1

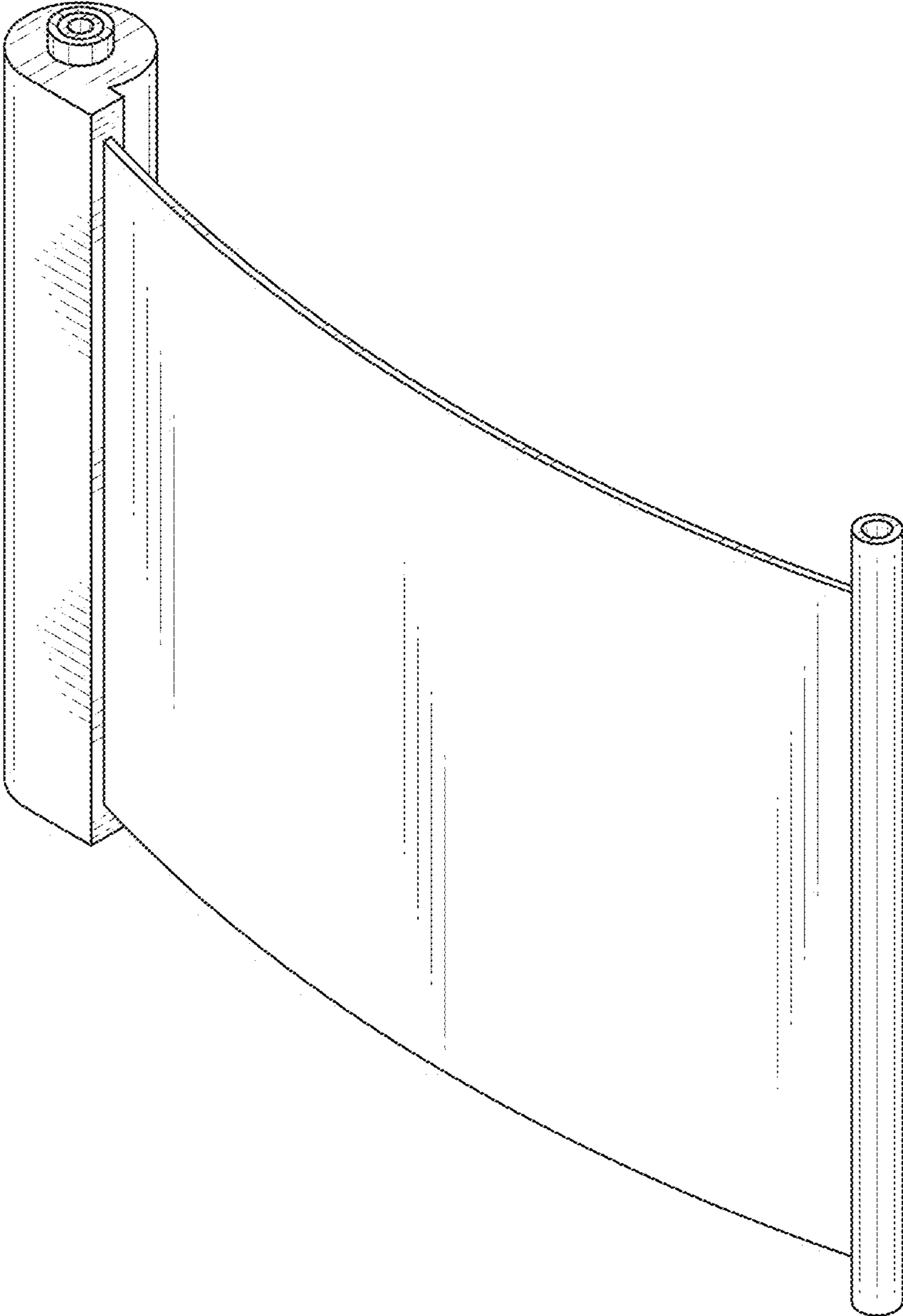


FIG. 2

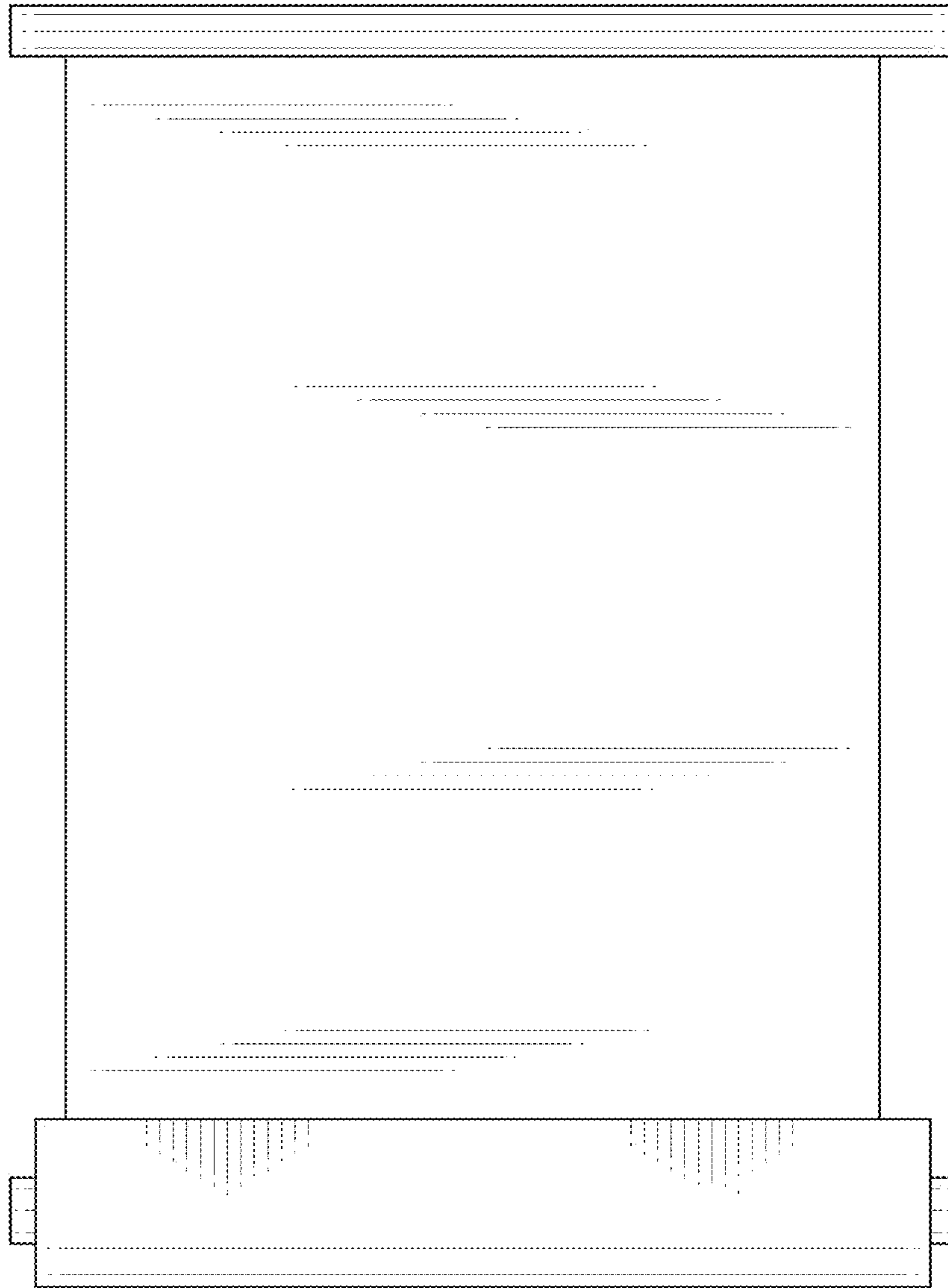


FIG. 3

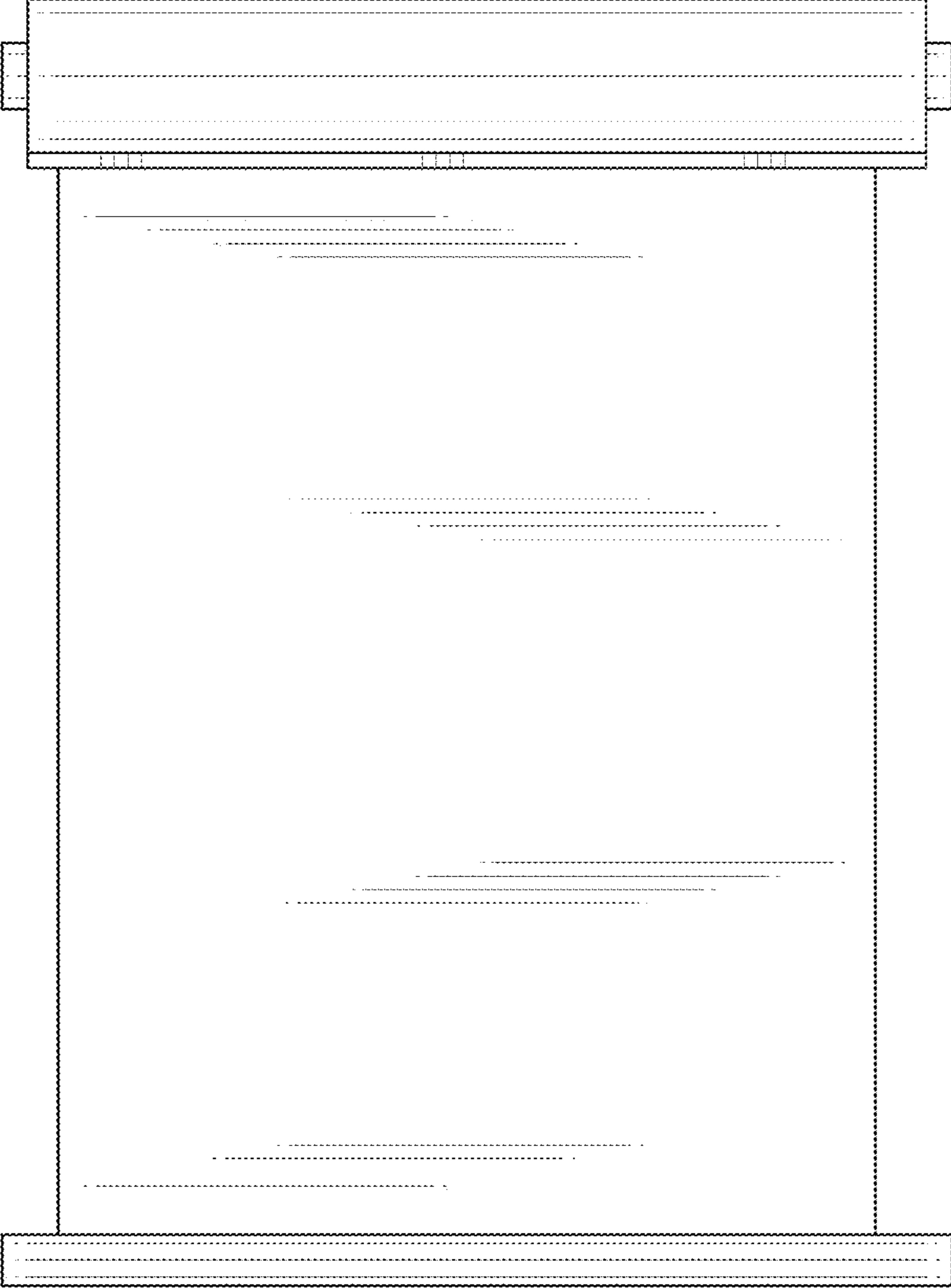


FIG.4

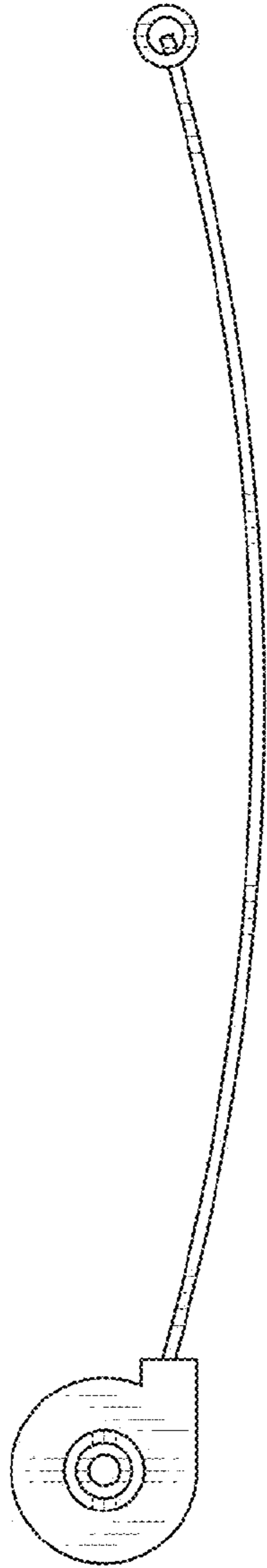


FIG.5

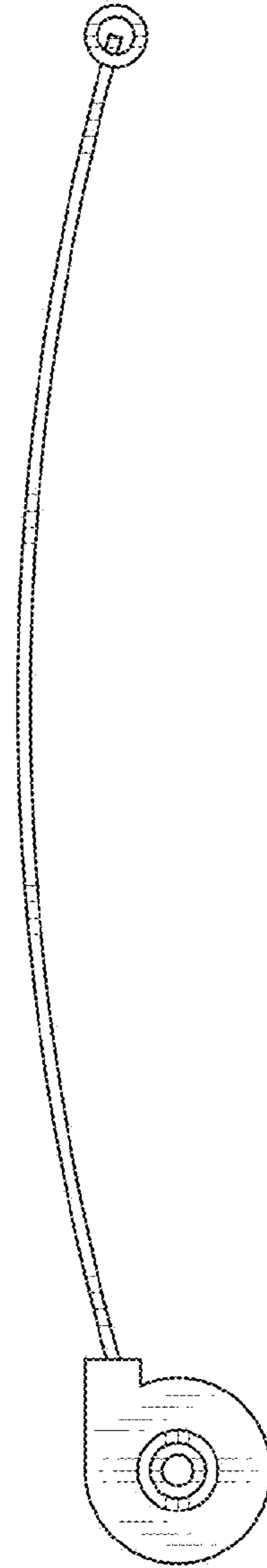


FIG.6

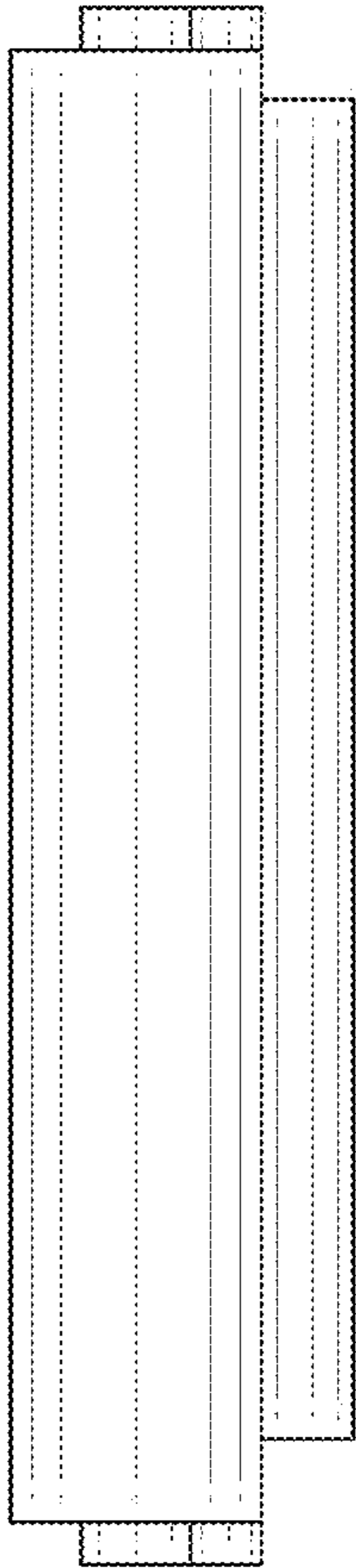


FIG.7

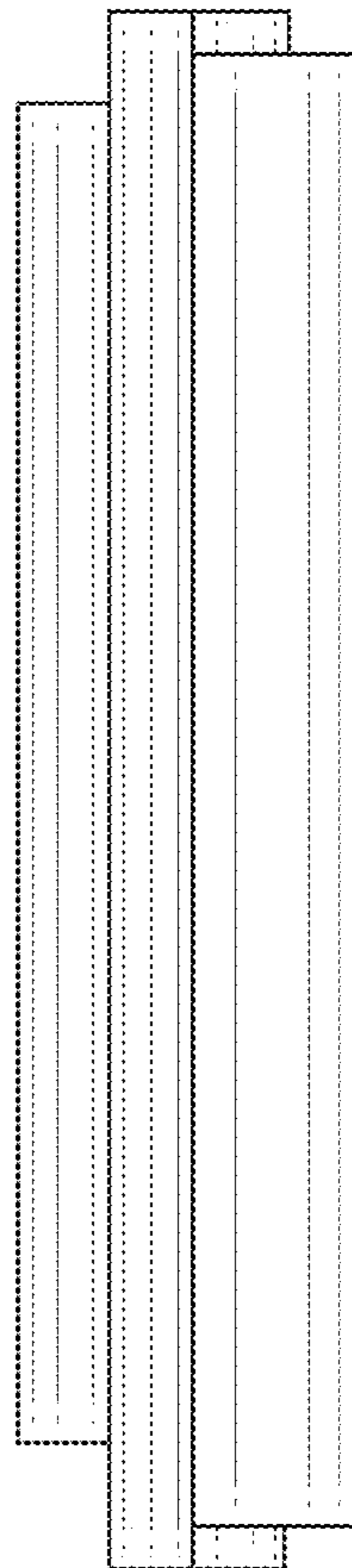


FIG.8

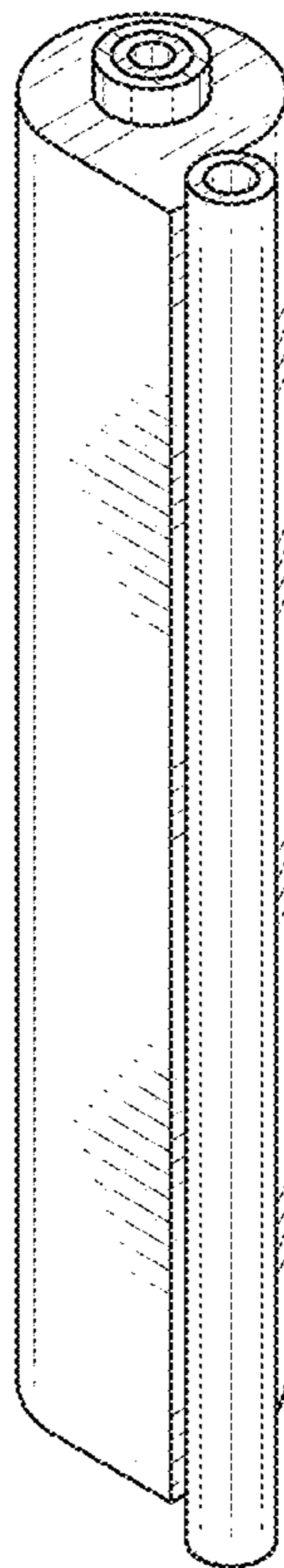


FIG. 9

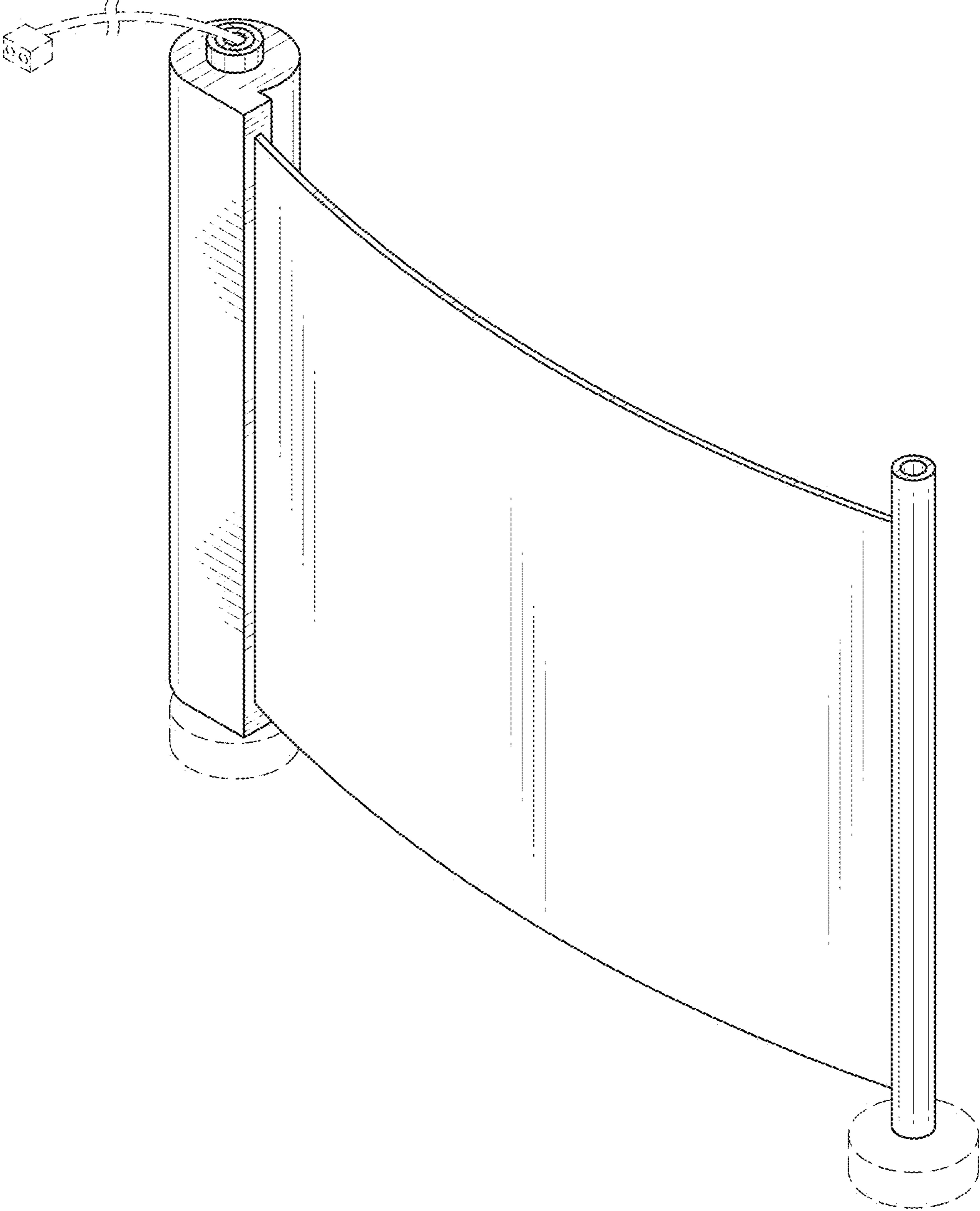


FIG. 10

