



US00D706311S

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

(10) **Patent No.:** **US D706,311 S**
(45) **Date of Patent:** **** Jun. 3, 2014**

(54) **TIP FOR A GROUND ENGAGING MACHINE IMPLEMENT**

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

(21) Appl. No.: **29/403,592**

(22) Filed: **Oct. 7, 2011**

(51) **LOC (10) Cl.** **15-03**

(52) **U.S. Cl.**
USPC **D15/29**

(58) **Field of Classification Search**
USPC D15/11, 28, 29; 37/456, 452, 450, 446,
37/454, 449, 453, 455, 903; 403/379.5,
403/DIG. 1; 111/152; 172/724, 730, 766,
172/770, 771, 721, 713, 699, 772
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,384,701	A *	7/1921	McMonegal	37/454
1,571,782	A *	2/1926	Andrews	37/454
2,427,651	A	9/1947	Baer	
D182,143	S *	2/1958	Petersen	D15/29
2,982,035	A	5/1961	Stephenson	
3,019,537	A	2/1962	Stephenson	
3,312,004	A	4/1967	Johnson	
3,623,247	A	11/1971	Stepe	

(Continued)

FOREIGN PATENT DOCUMENTS

EP	0 411 486	A1	2/1991
EP	2 011 927	A2	1/2009

OTHER PUBLICATIONS

U.S. Appl. No. 13/644,518, filed Oct. 4, 2012, entitled "Implement Tooth Assembly with Tip and Adapter".

(Continued)

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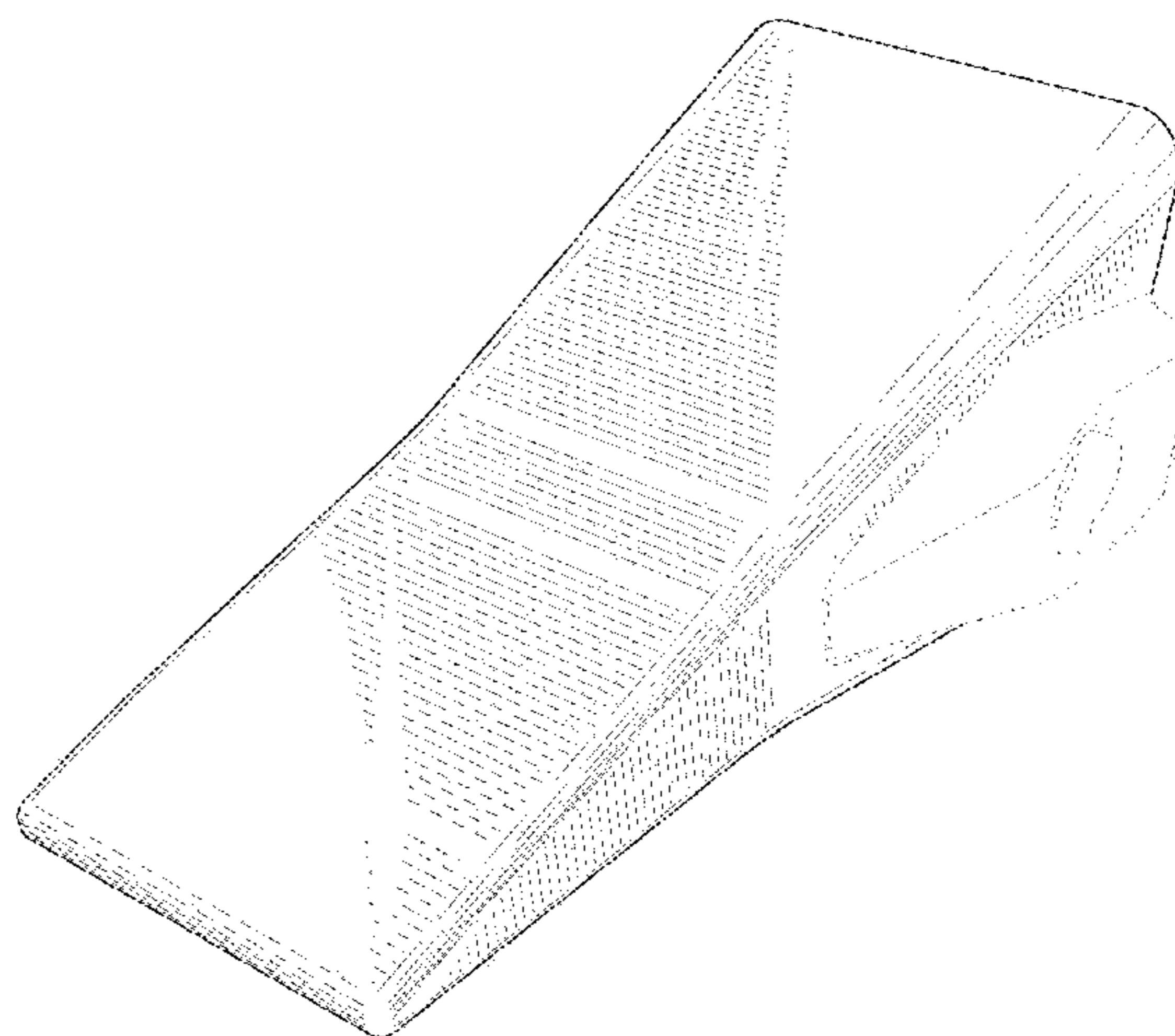
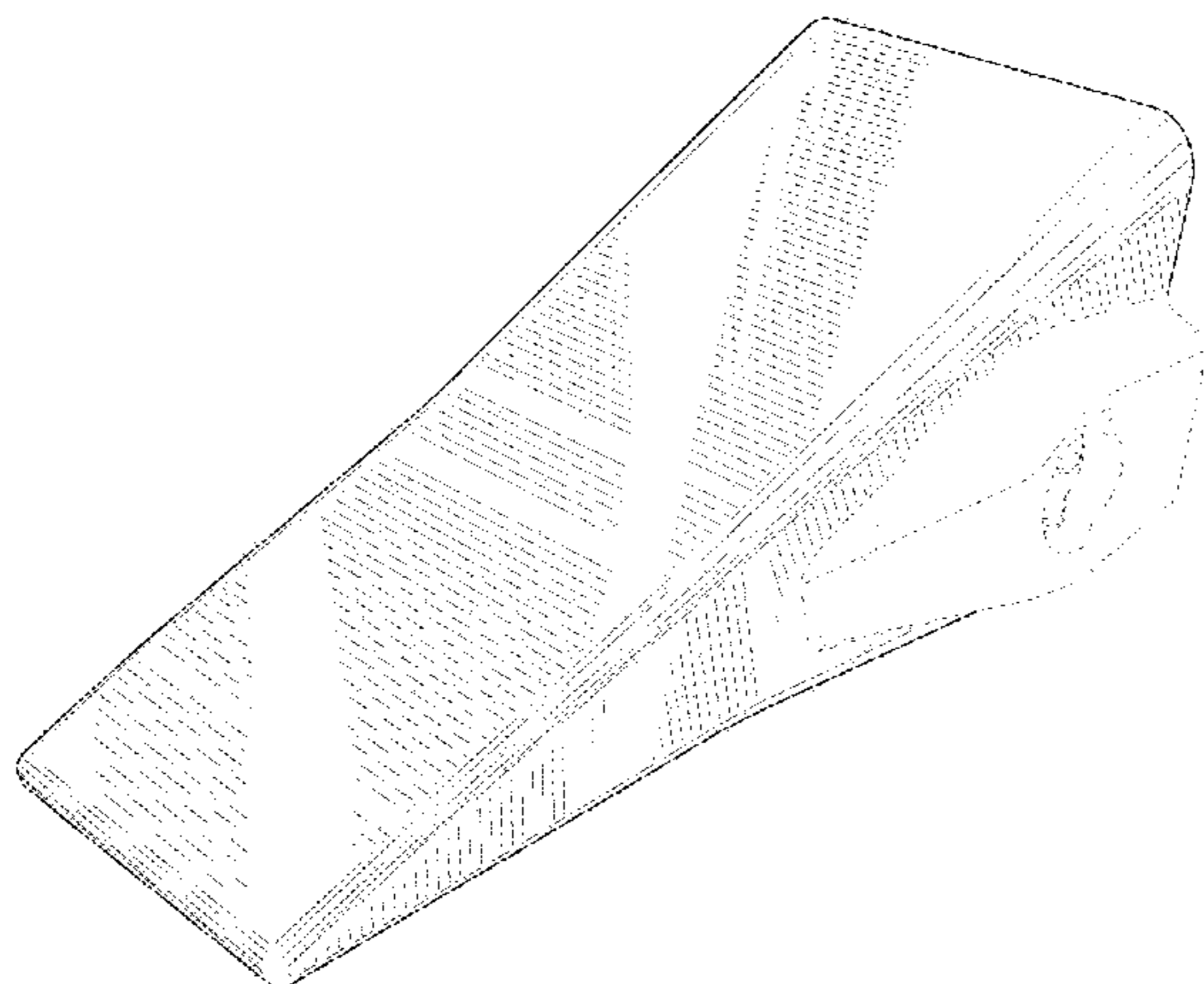
(57) **CLAIM**

The ornamental design for a tip for a ground engaging machine implement, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a tip for a ground engaging machine implement showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a front view thereof with the front elevated;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a rear view thereof;
FIG. 7 is a top view thereof;
FIG. 8 is a bottom view thereof;
FIG. 9 is a rear left perspective view thereof;
FIG. 10 is a perspective view of a second embodiment of a tip for a ground engaging machine implement showing our new design;
FIG. 11 is a front view thereof;
FIG. 12 is a front view thereof with the front elevated;
FIG. 13 is a left side view thereof;
FIG. 14 is a right side view thereof;
FIG. 15 is a rear view thereof;
FIG. 16 is a top view thereof;
FIG. 17 is a bottom view thereof; and,
FIG. 18 is a rear left perspective view thereof.
The broken lines depicted in the foregoing figures are for purposes of illustration only, and form no part of the claimed design.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,774,324	A *	11/1973	Lafond	37/457
3,823,496	A *	7/1974	Querci et al.	37/458
3,832,077	A *	8/1974	Von Mehren	403/379.4
4,027,408	A	6/1977	Ramella et al.	
D251,431	S *	3/1979	Klett et al.	D15/28
D252,461	S *	7/1979	Korpi	D15/28
D255,119	S *	5/1980	Korpi	D15/29
4,231,173	A *	11/1980	Davis	37/457
D275,859	S *	10/1984	Nilsson	D15/28
4,516,340	A	5/1985	Launder	
D296,442	S *	6/1988	Broomhall	D15/29
4,761,900	A	8/1988	Emrich	
4,932,145	A	6/1990	Reeves	
4,949,481	A	8/1990	Fellner	
4,965,945	A	10/1990	Emrich	
4,980,980	A *	1/1991	Schadov et al.	37/452
5,018,283	A	5/1991	Fellner	
D336,476	S *	6/1993	Garman	D15/28
D339,592	S *	9/1993	Johansson	D15/29
D345,364	S *	3/1994	Robinson	D15/29
D352,044	S *	11/1994	Hahn	D15/29
5,423,138	A *	6/1995	Livesay et al.	37/456
D365,577	S *	12/1995	Ruvang	D15/29
5,561,925	A *	10/1996	Livesay	37/455
D385,286	S *	10/1997	Moreno	D15/29
5,709,043	A *	1/1998	Jones et al.	37/458
D392,292	S *	3/1998	Moreno	D15/29
D395,661	S *	6/1998	Moreno	D15/29
5,852,888	A	12/1998	Cornelius	
D408,422	S *	4/1999	Moreno	D15/29
D410,657	S *	6/1999	Launder et al.	D15/29
D413,338	S *	8/1999	Pueyo Molina	D15/29
D414,193	S *	9/1999	Launder et al.	D15/29
D415,173	S *	10/1999	Zaun	D15/29
5,983,534	A	11/1999	Robinson et al.	
D417,877	S *	12/1999	Launder et al.	D15/29
D429,256	S *	8/2000	Zaun	D15/29
D429,258	S *	8/2000	Zaun	D15/29
6,321,471	B2 *	11/2001	Fernandez Munoz et al.	37/456
D454,891	S *	3/2002	Ketting et al.	D15/29
D460,464	S *	7/2002	Ketting et al.	D15/29
D461,198	S *	8/2002	Ketting et al.	D15/29
D461,832	S *	8/2002	Ketting et al.	D15/29
6,477,796	B1 *	11/2002	Cornelius	37/452
6,745,503	B1	6/2004	Moreno et al.	
D499,749	S *	12/2004	Launder et al.	D15/29
6,836,983	B2	1/2005	Moreno et al.	
6,865,828	B1	3/2005	Molino et al.	
D505,137	S *	5/2005	Steinlage et al.	D15/29
D512,078	S *	11/2005	Poutre	D15/29
D527,029	S *	8/2006	Launder et al.	D15/29
7,168,193	B2	1/2007	Moreno et al.	
D552,632	S *	10/2007	De Martiis	D15/29
D560,232	S *	1/2008	De Martiis	D15/29
7,367,144	B2	5/2008	Jones et al.	
D614,206	S *	4/2010	Ruvang	D15/29
7,762,015	B2	7/2010	Smith et al.	
D624,943	S *	10/2010	Gibbon	D15/29
2008/0028644	A1	2/2008	Almendros et al.	

OTHER PUBLICATIONS

U.S. Appl. No. 29/403,595, filed Oct. 7, 2011, entitled "Tip for a Ground Engaging Machine Implement".

U.S. Appl. No. 29/403,598, filed Oct. 7, 2011, entitled "Tip for a Ground Engaging Machine Implement".

U.S. Appl. No. 29/403,600, filed Oct. 7, 2011, entitled "Tip for a Ground Engaging Machine Implement".

U.S. Appl. No. 29/403,570, filed Oct. 7, 2011, entitled "Tip for a Ground Engaging Machine Implement".

Caterpillar, "Cat Backhoe Loader Options," published Jan. 1, 2005. Caterpillar, Inc., Car® K Series™ Tooth Systems, brochure (4 pages), 2006.

* cited by examiner

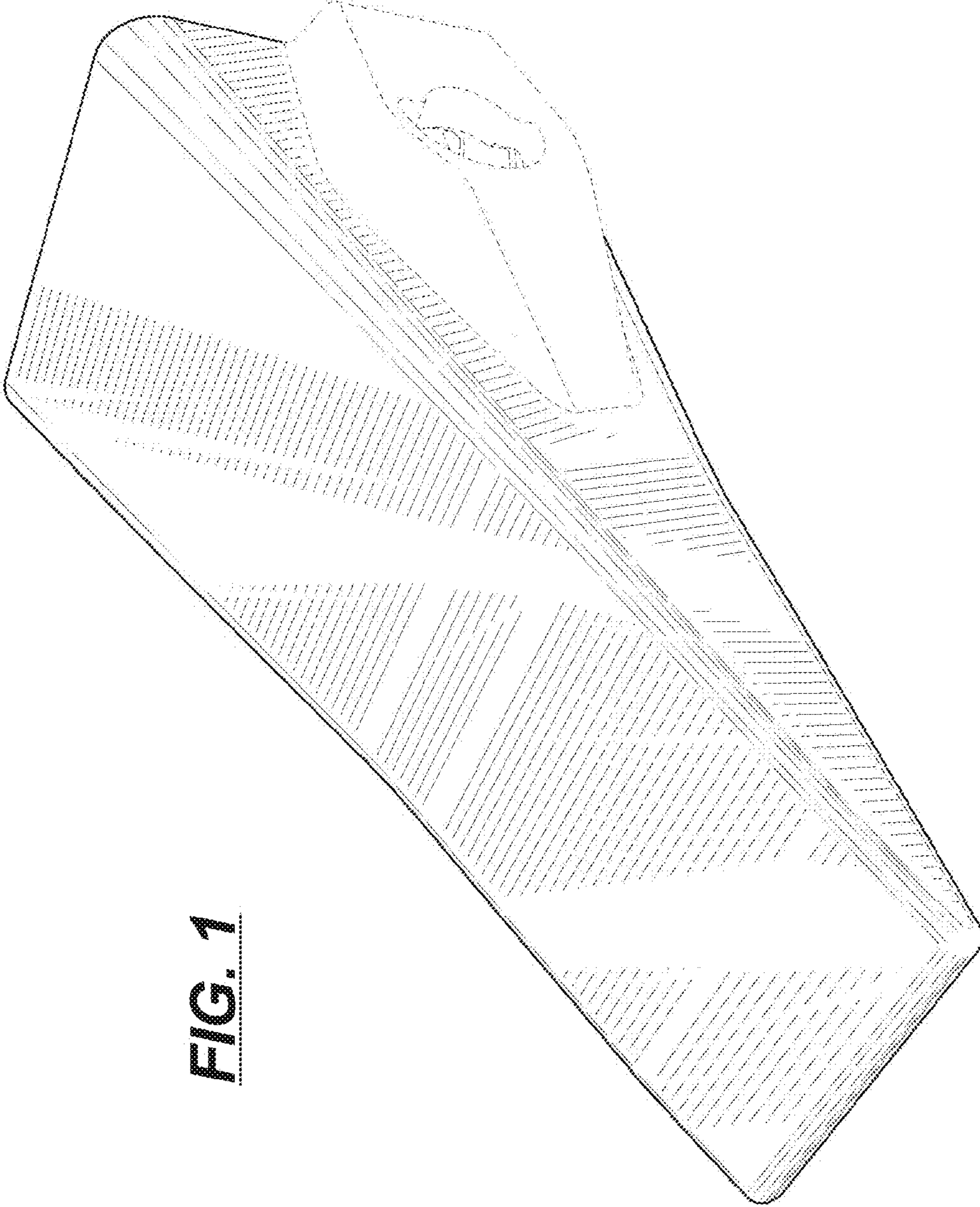


FIG. 1

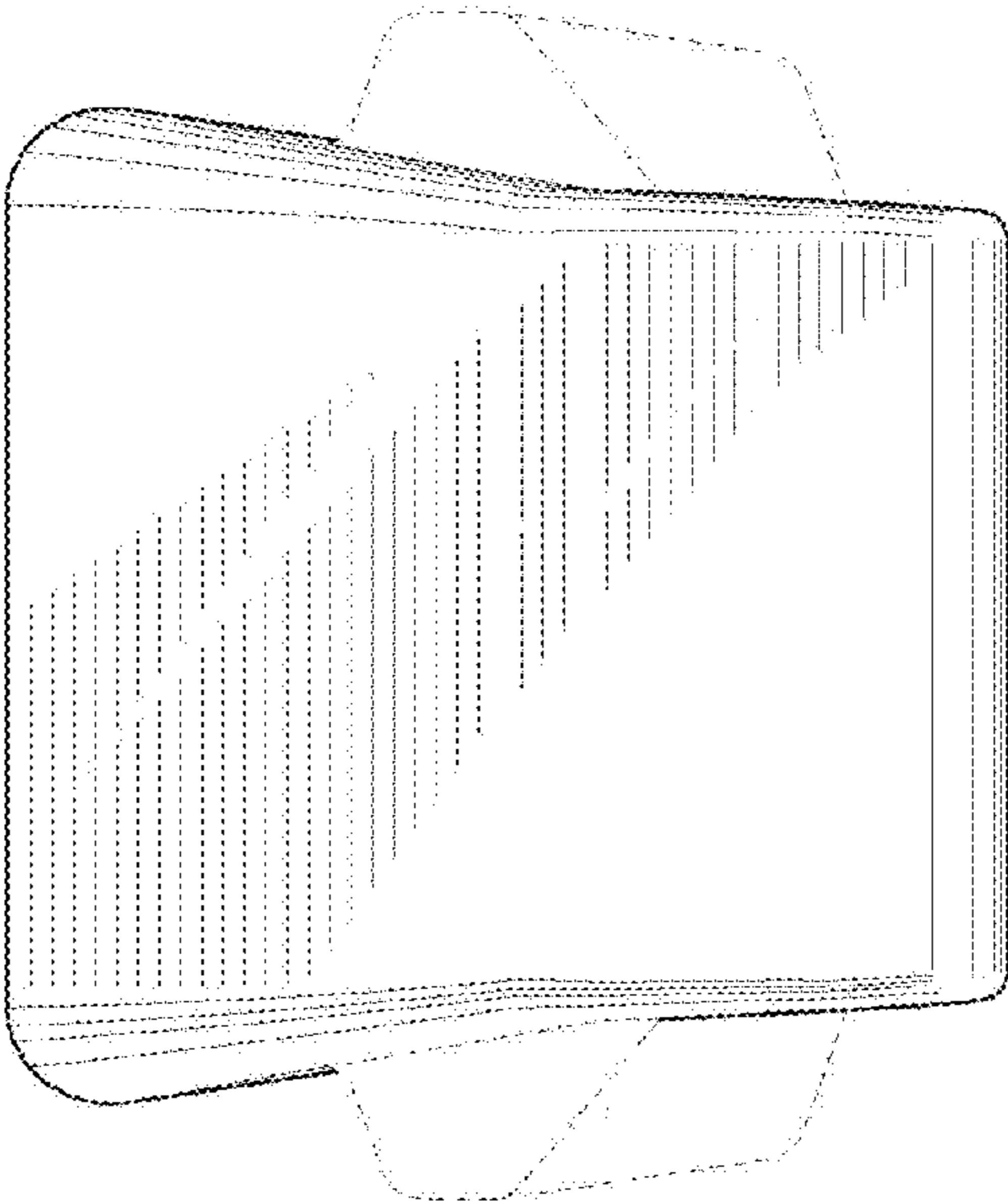


FIG. 2

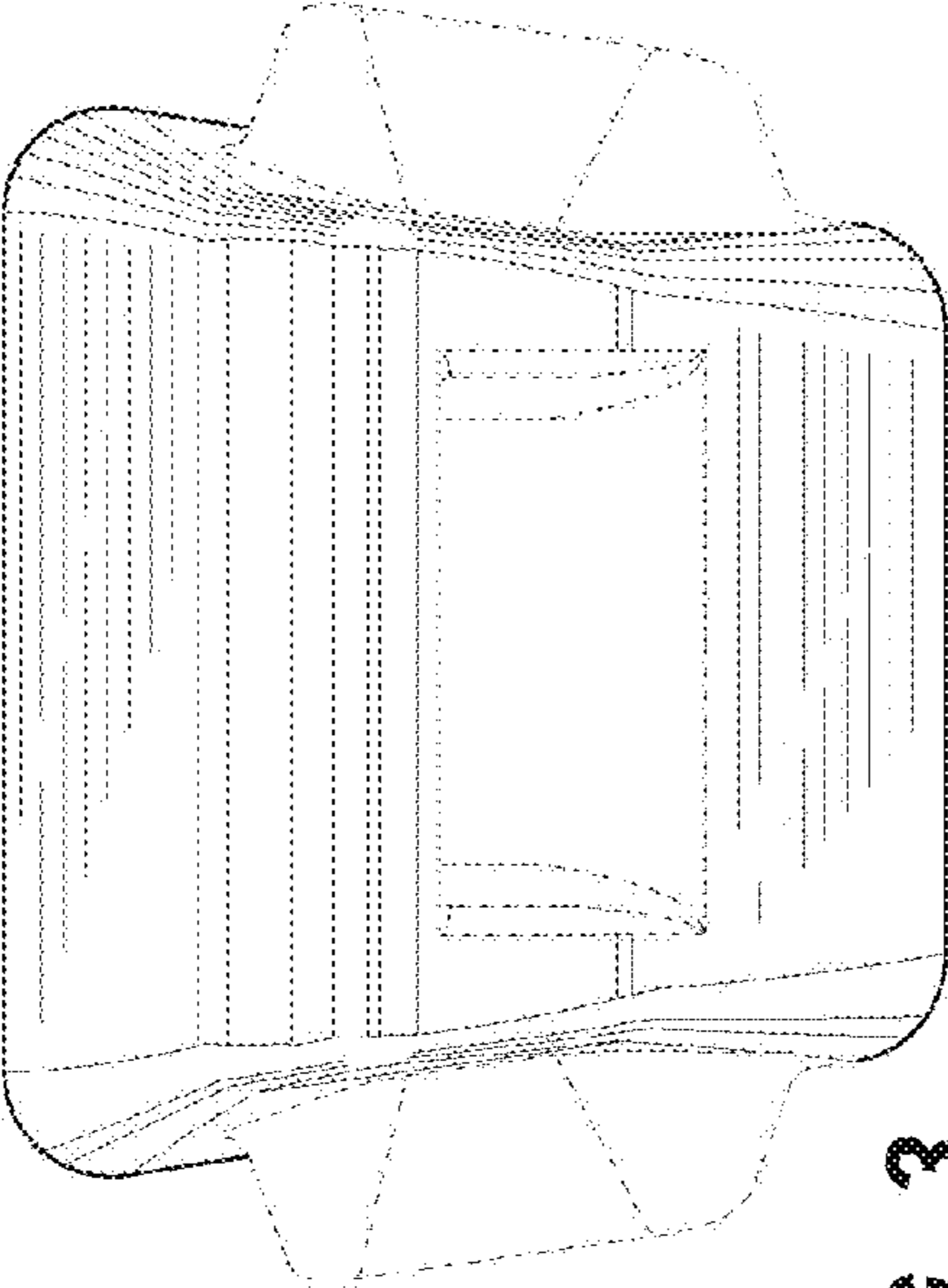


FIG. 3

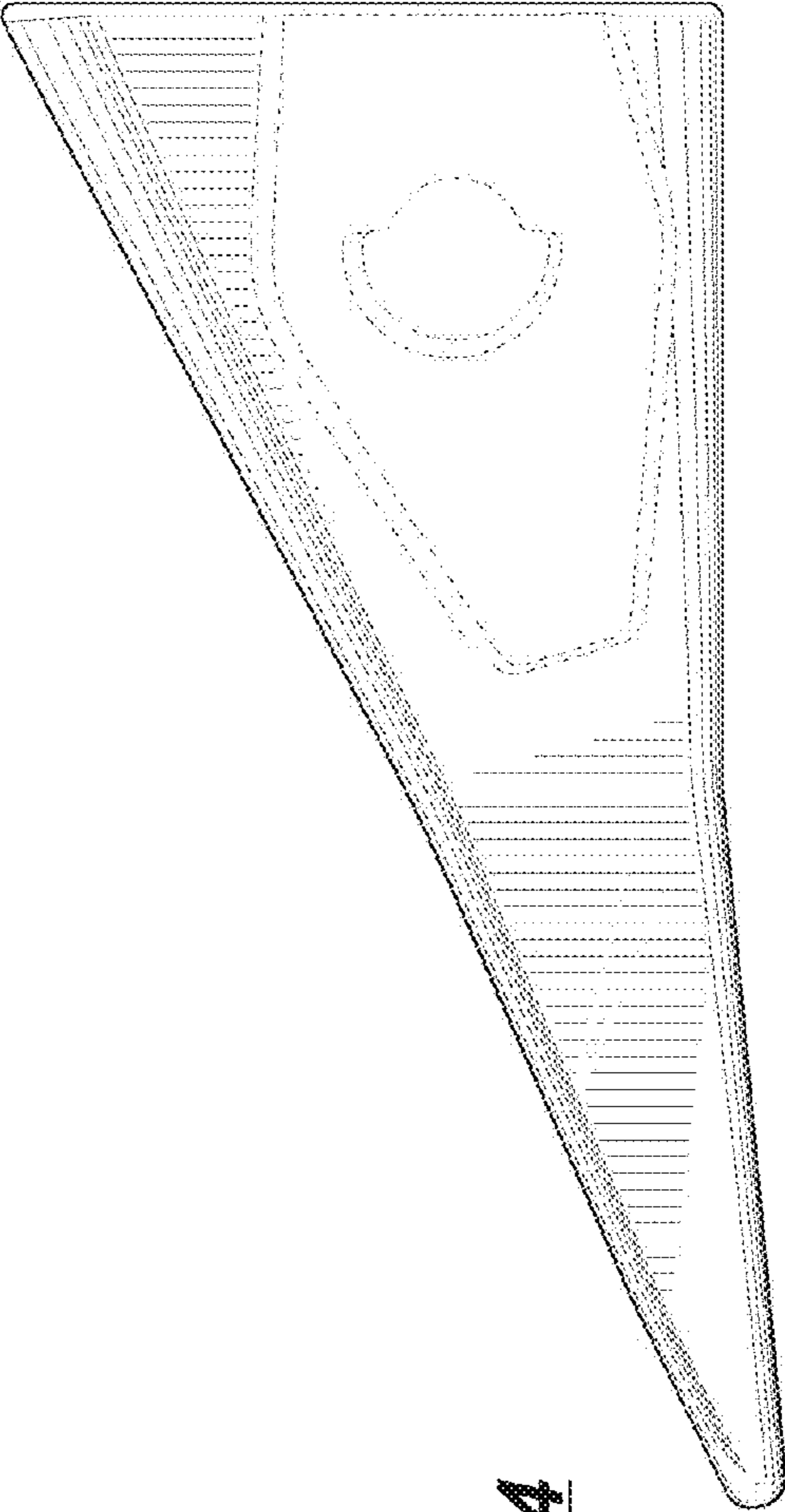


FIG. 4

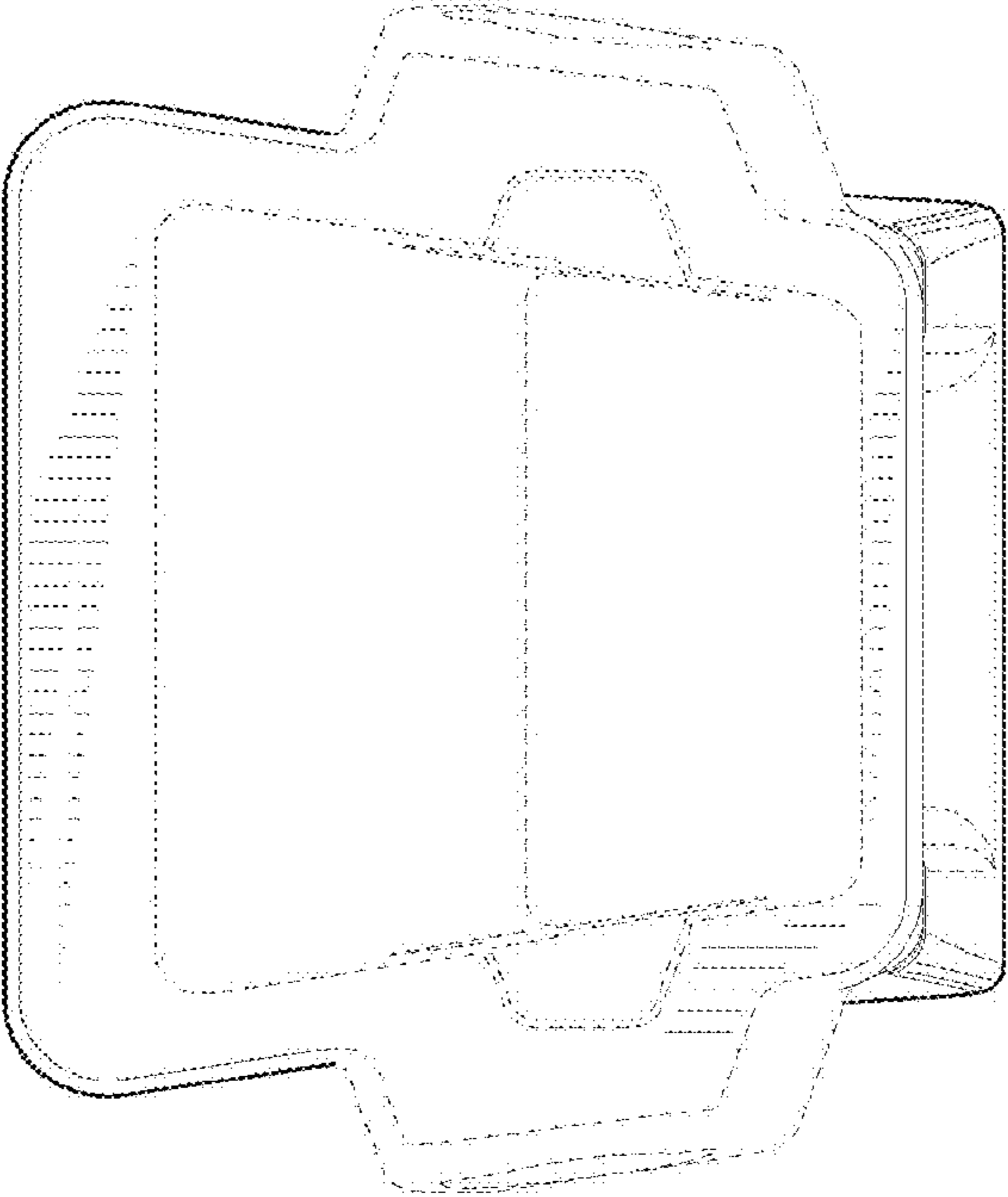


FIG. 6

FIG. 5

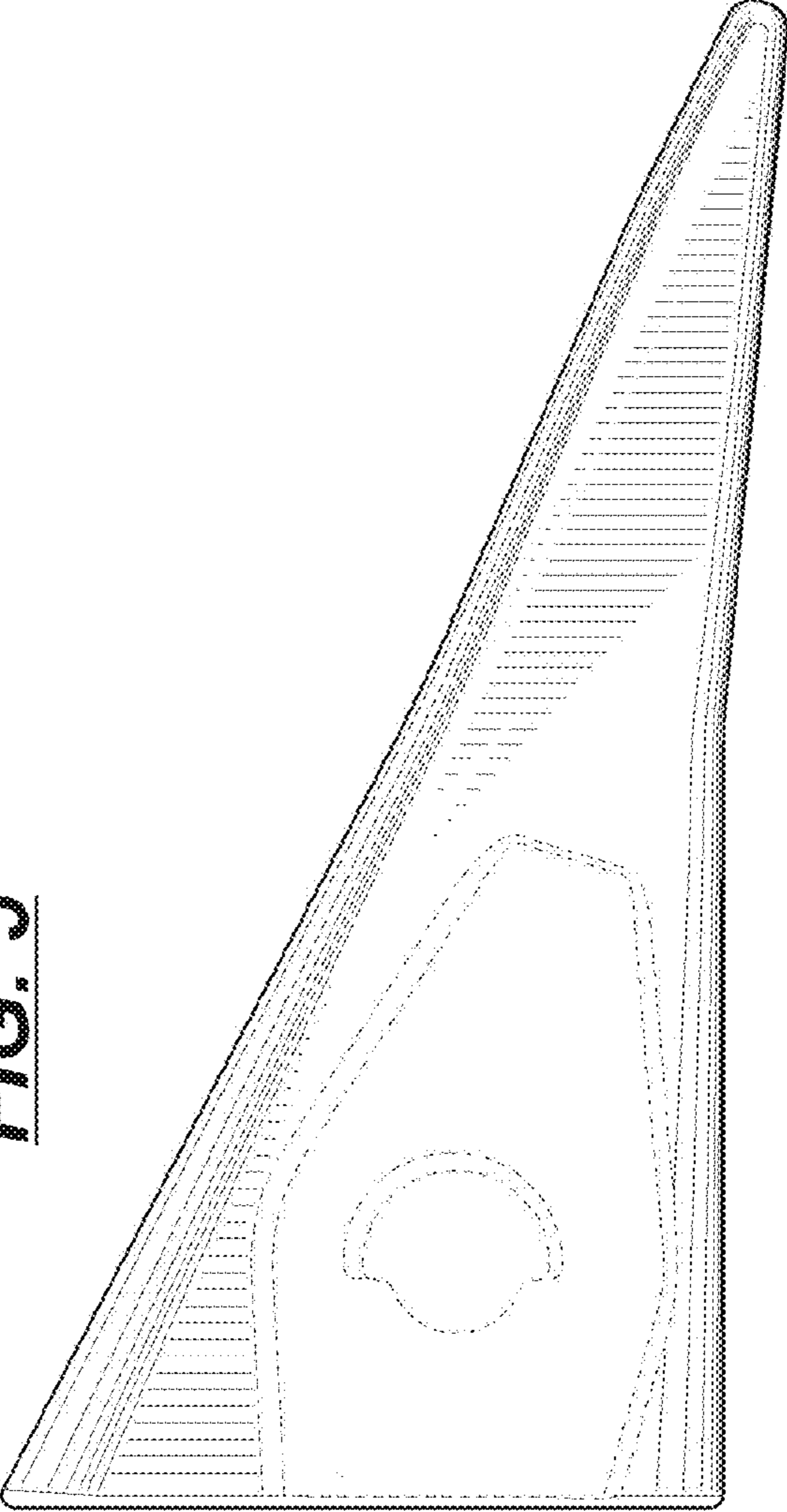


FIG. 8

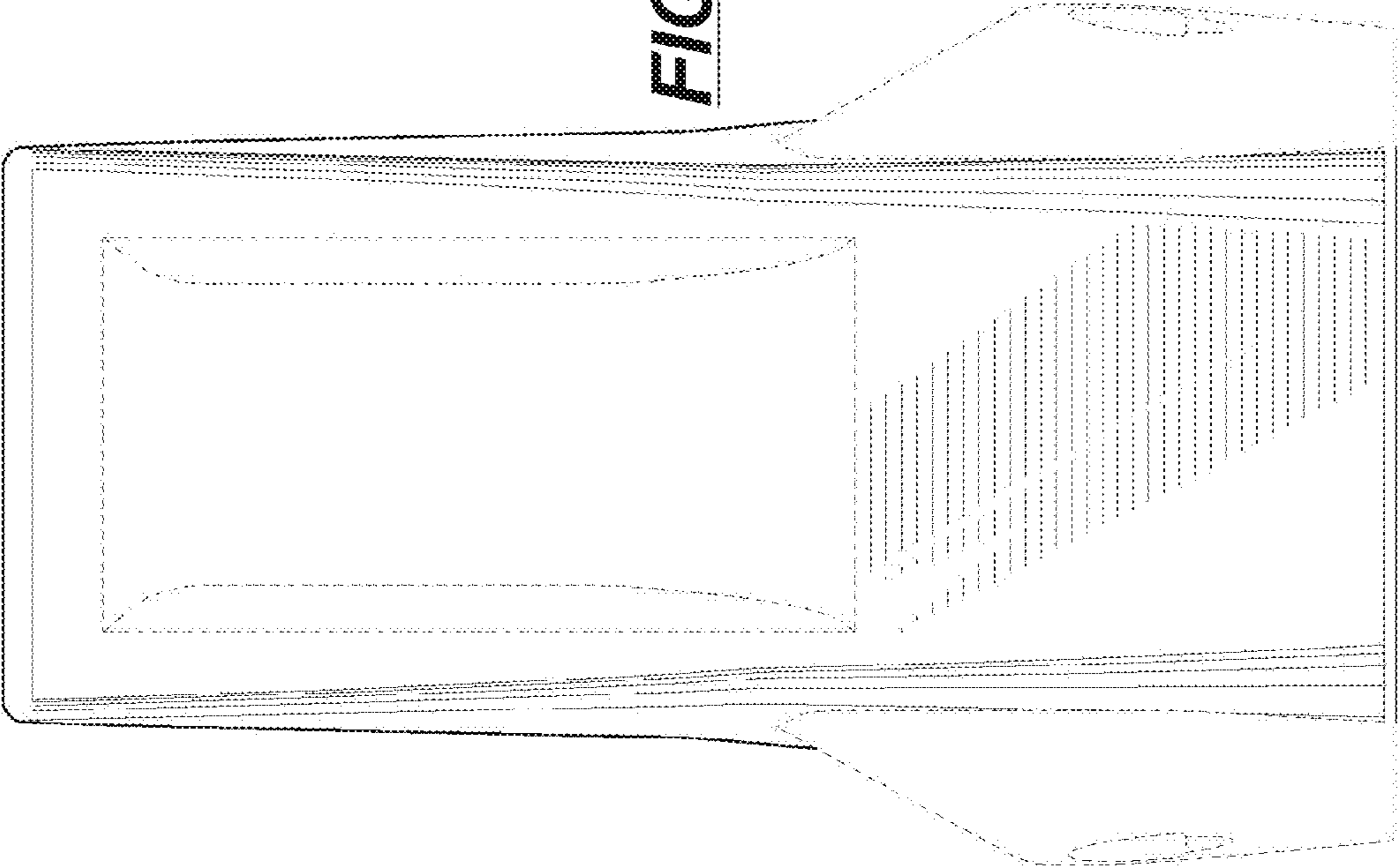
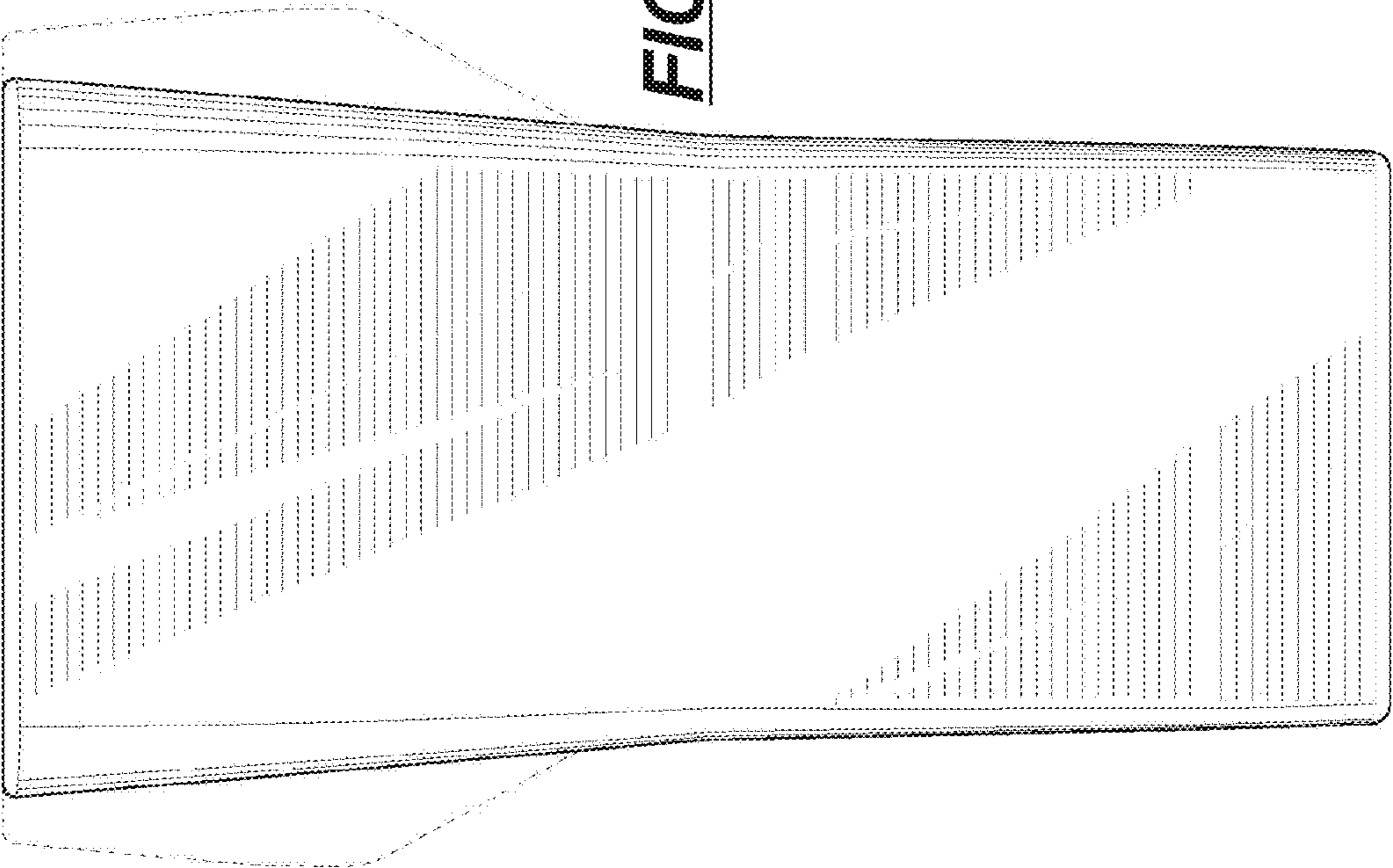


FIG. 7



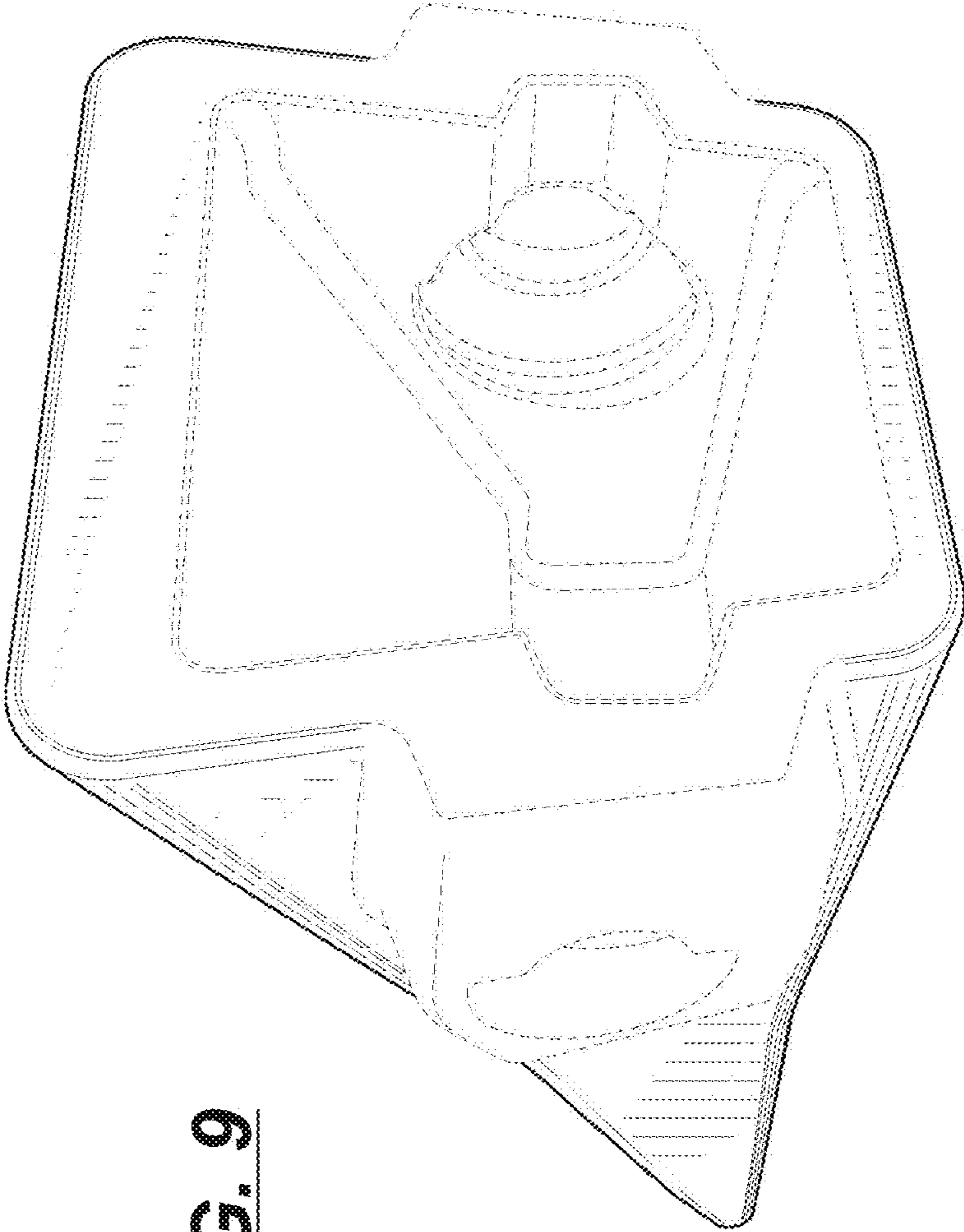


FIG. 9

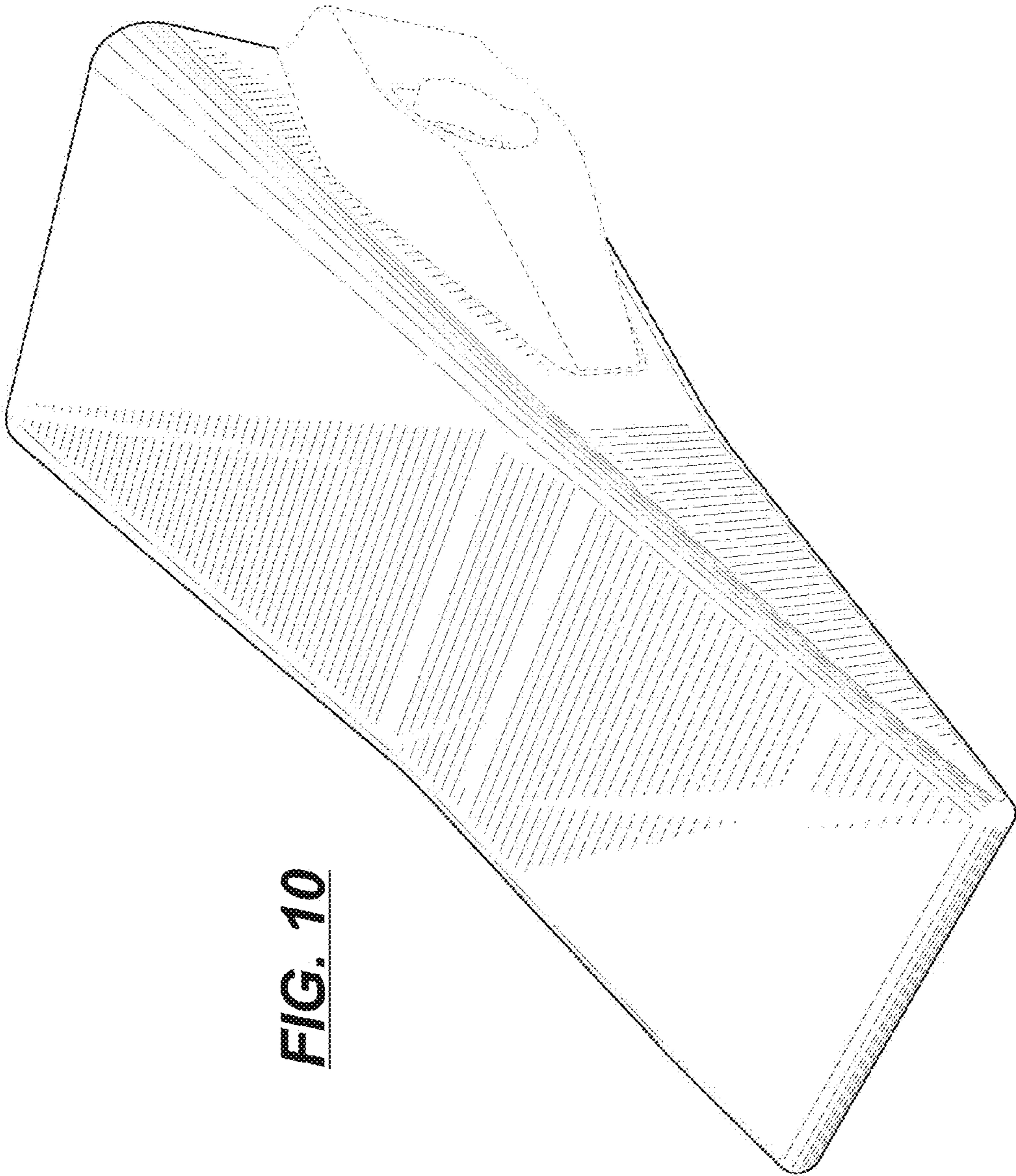


FIG. 10

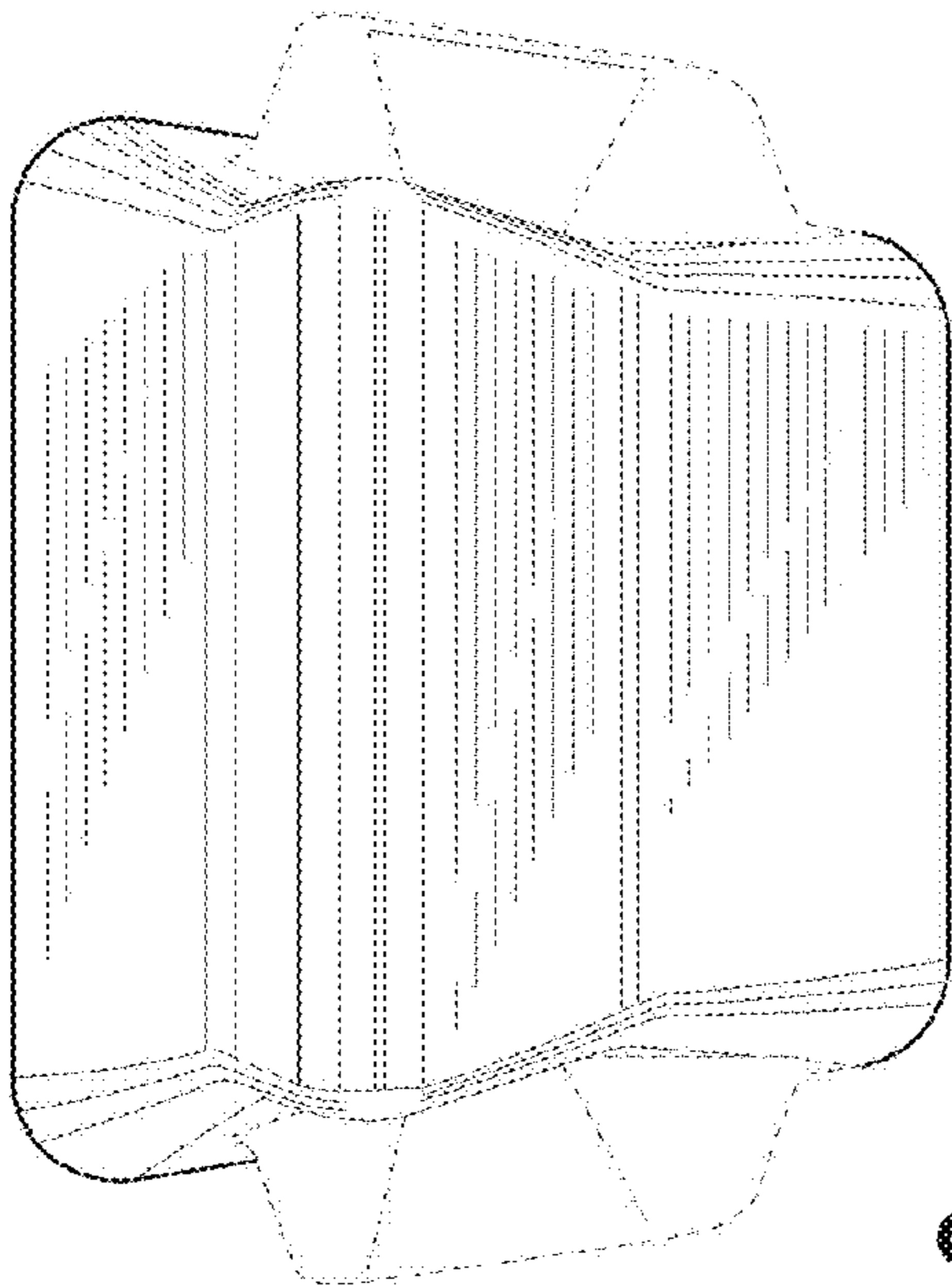


FIG. 12

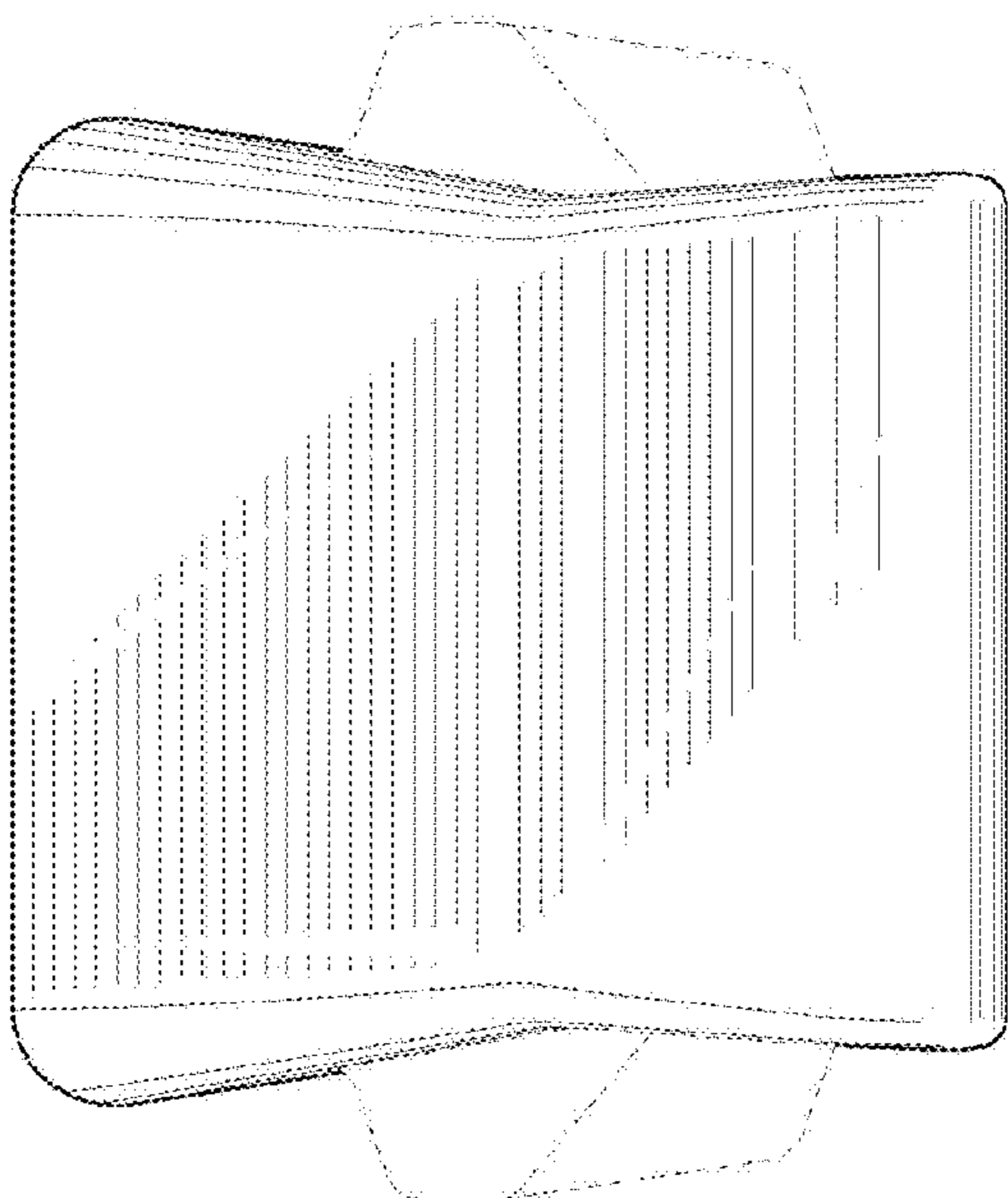


FIG. 11

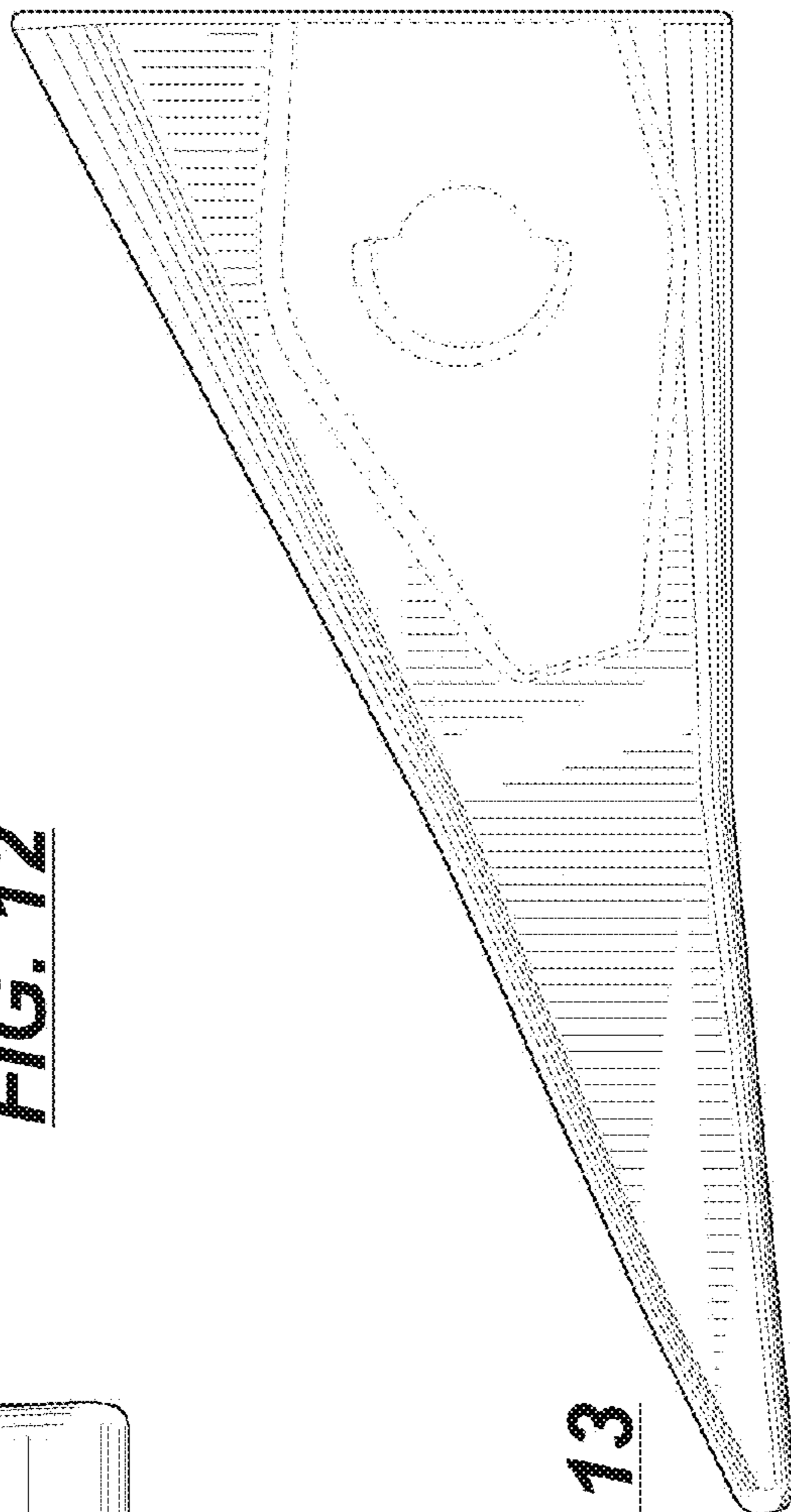


FIG. 13

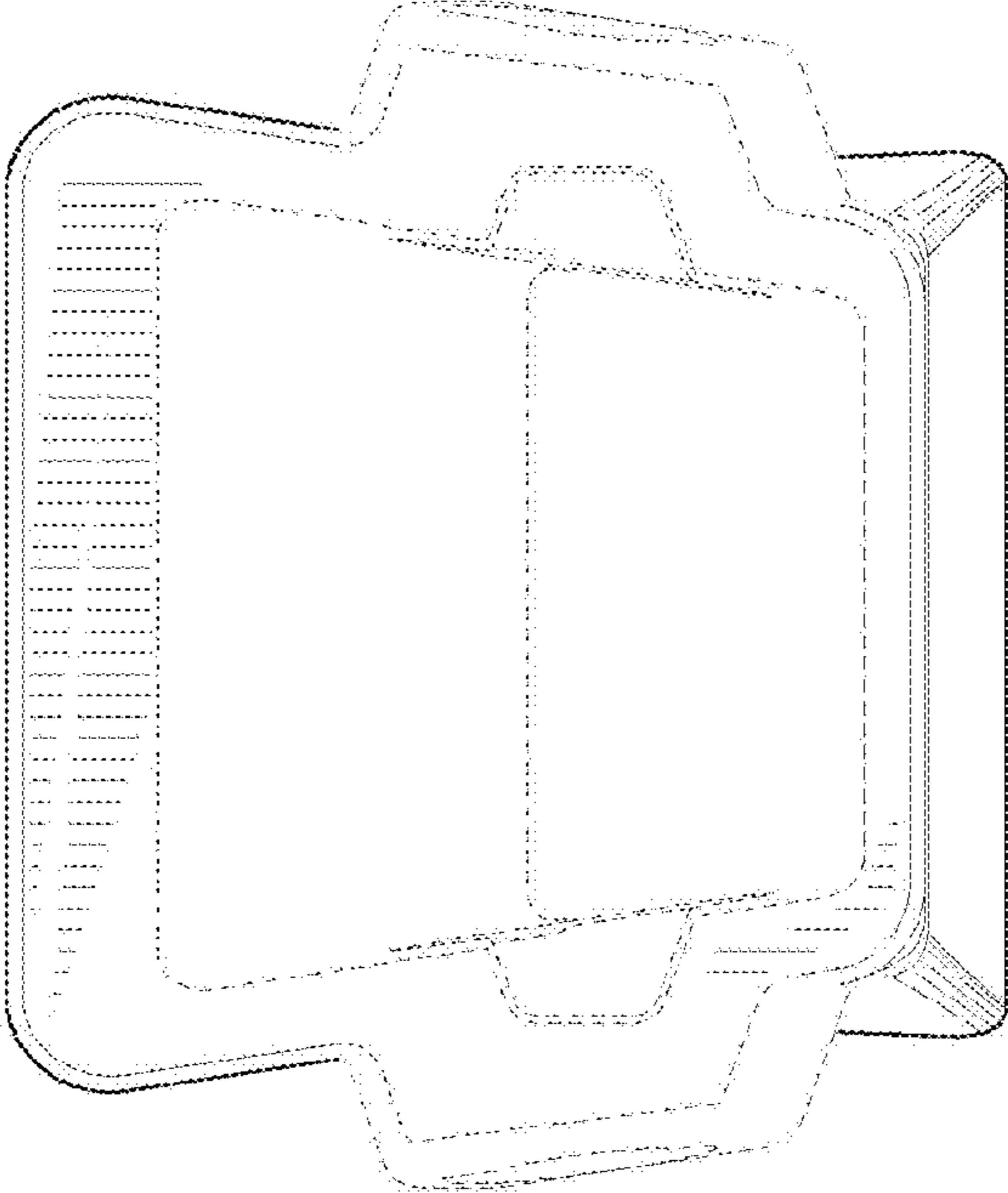


FIG. 15

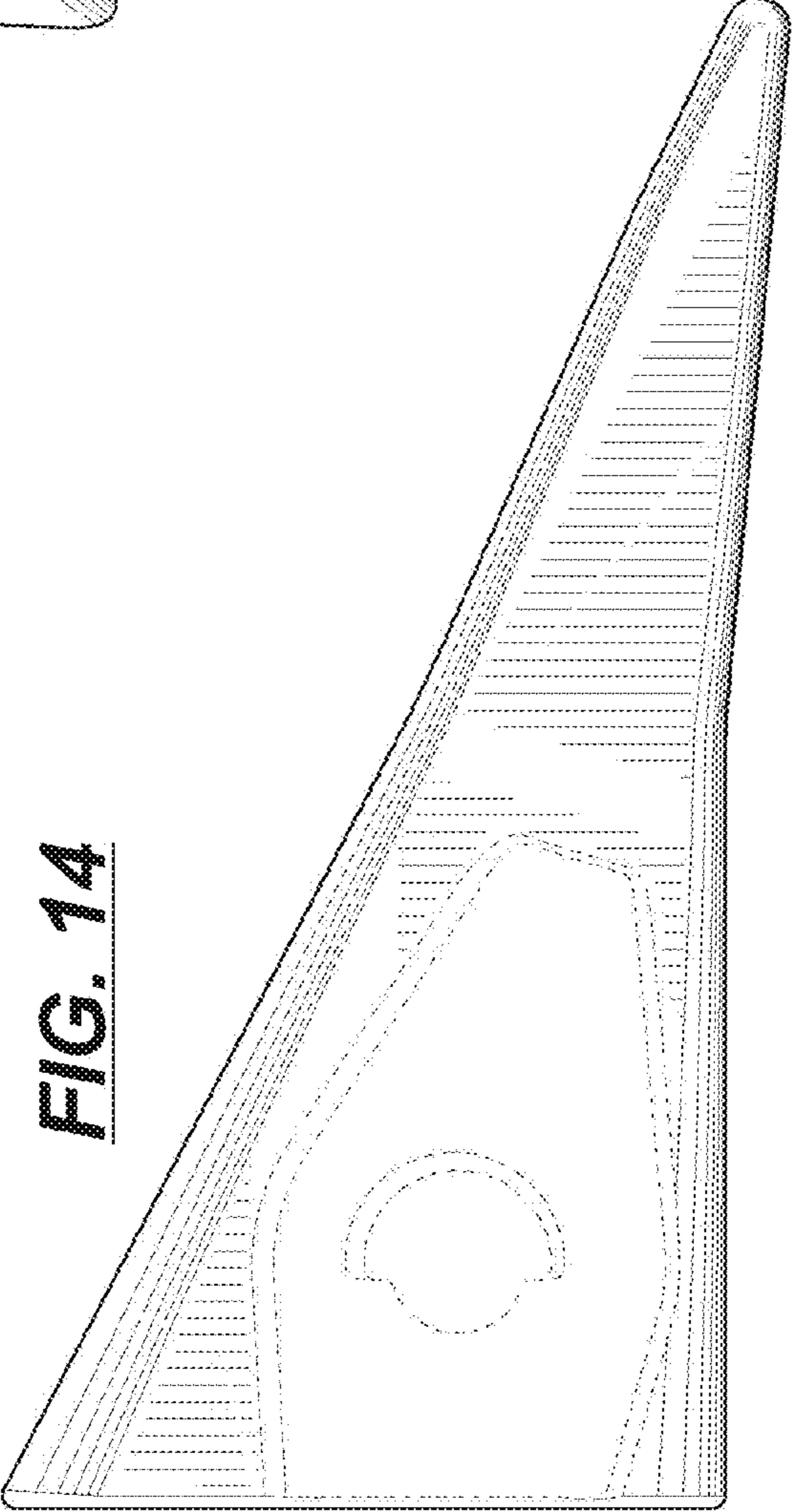


FIG. 14

FIG. 17

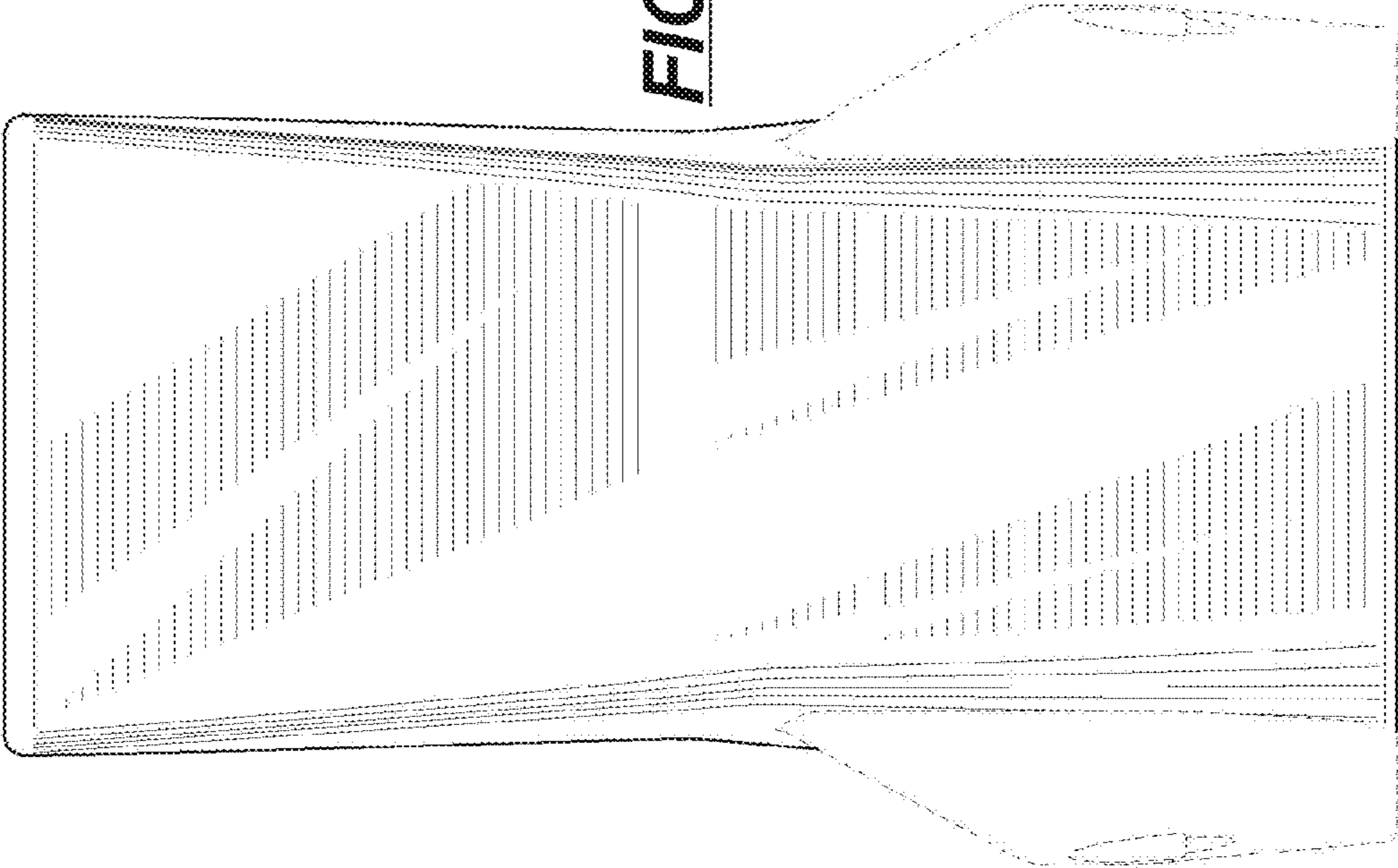
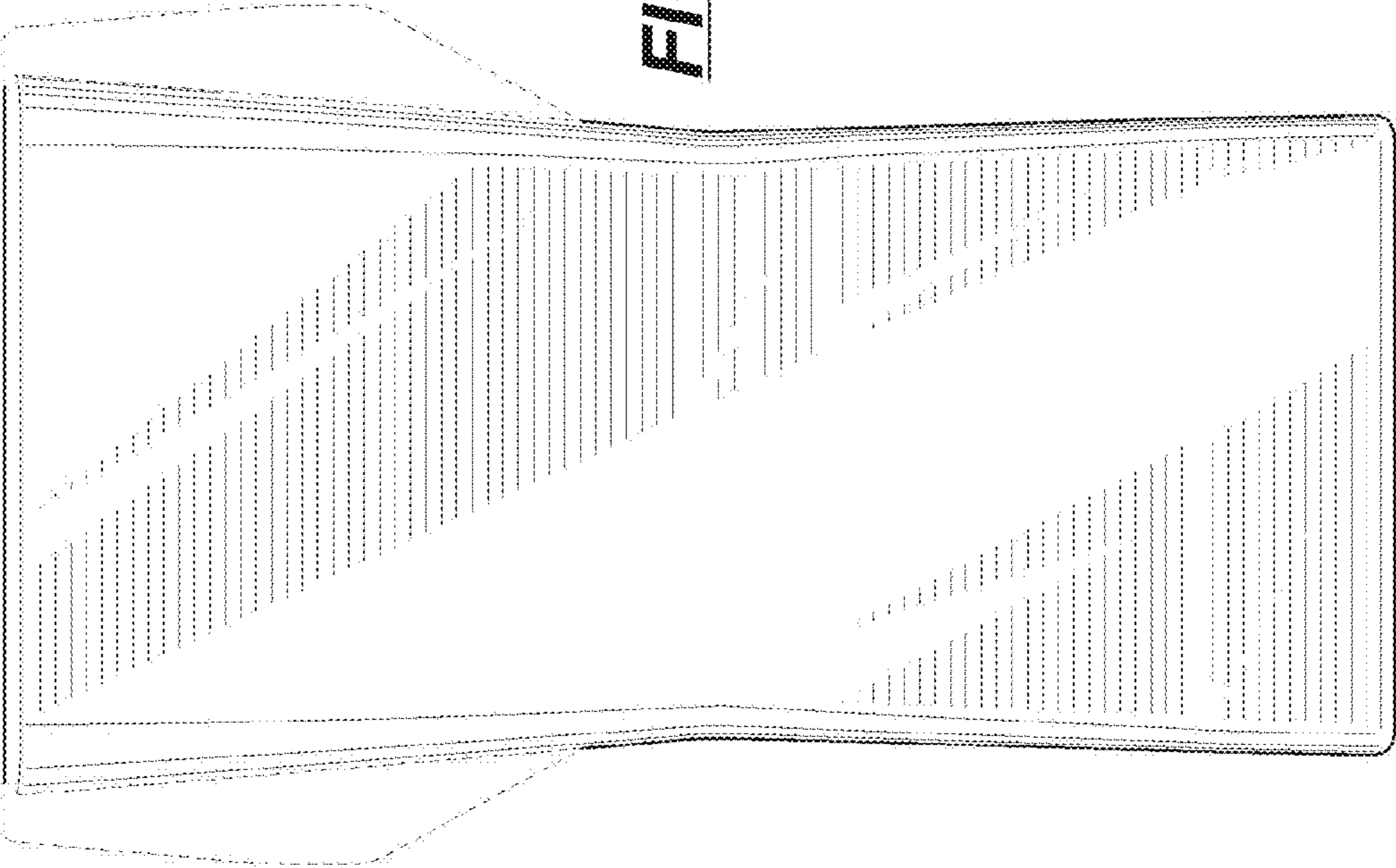


FIG. 16



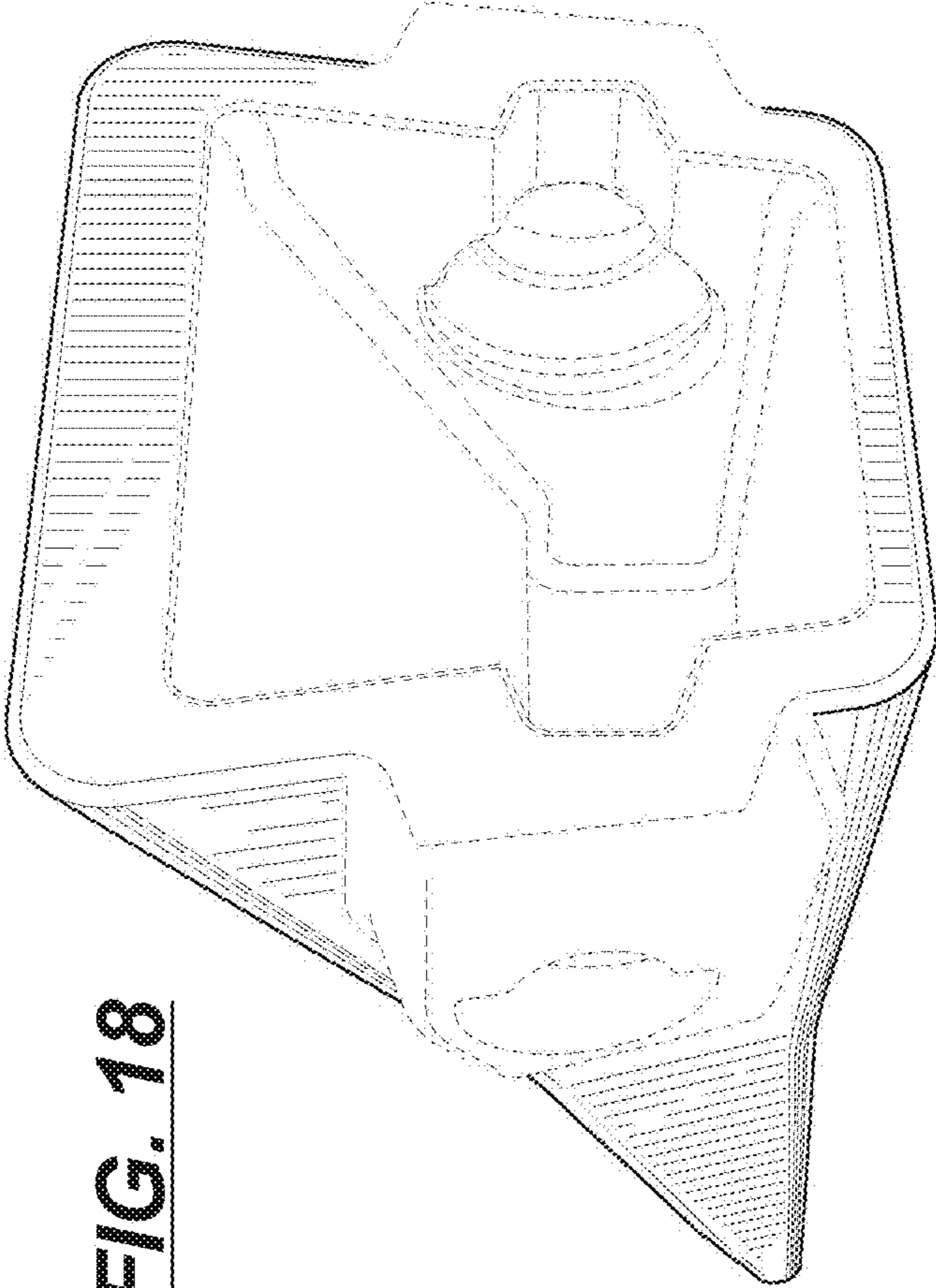


FIG. 18