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Burroughs et al.

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(54) **CARTRIDGE**

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/226**

(58) **Field of Classification Search**
USPC D24/216, 223–230, 108, 172;
422/63–67, 99–104, 266, 297, 300;
211/74, 71.01, 85.13; 206/443,
206/557–564; D3/294, 295

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D258,145 S	2/1981	Potts
D260,428 S	8/1981	Fekete
D268,130 S	3/1983	Easton
D280,131 S	8/1985	Takasugi
D280,663 S	9/1985	Albon et al.
D285,118 S	8/1986	Huang
D300,245 S	3/1989	Navarro et al.
D301,167 S	5/1989	Raybould et al.
D324,426 S	3/1992	Fan et al.
D328,135 S	7/1992	Fan et al.

D332,145 S	*	12/1992	Wada et al.	.....	D24/227
D335,348 S	*	5/1993	Frenkel et al.	.....	D24/224
D339,869 S	*	9/1993	Schea et al.	.....	D24/229
D351,661 S		10/1994	Fischer		
D359,125 S		6/1995	Livingston		
D404,497 S		1/1999	Lahm et al.		
D404,831 S		1/1999	Yamazaki et al.		
D421,498 S		3/2000	Livingston		
D423,679 S		4/2000	Jenkins et al.		
D428,657 S		7/2000	Ward		
D461,554 S		8/2002	Lafond et al.		
D466,219 S		11/2002	Wynschenk et al.		
D467,080 S		12/2002	Zimmerman		
D486,580 S		2/2004	Abdel-Model		
D492,419 S	*	6/2004	Farina	.....	D24/216
D529,184 S	*	9/2006	Bargh et al.	.....	D24/229
7,276,351 B2		10/2007	Teich et al.		
D565,742 S		4/2008	Parunak et al.		
D566,291 S		4/2008	Parunak et al.		
D613,418 S		4/2010	Ryan et al.		
D617,468 S		6/2010	Marquardt et al.		

(Continued)

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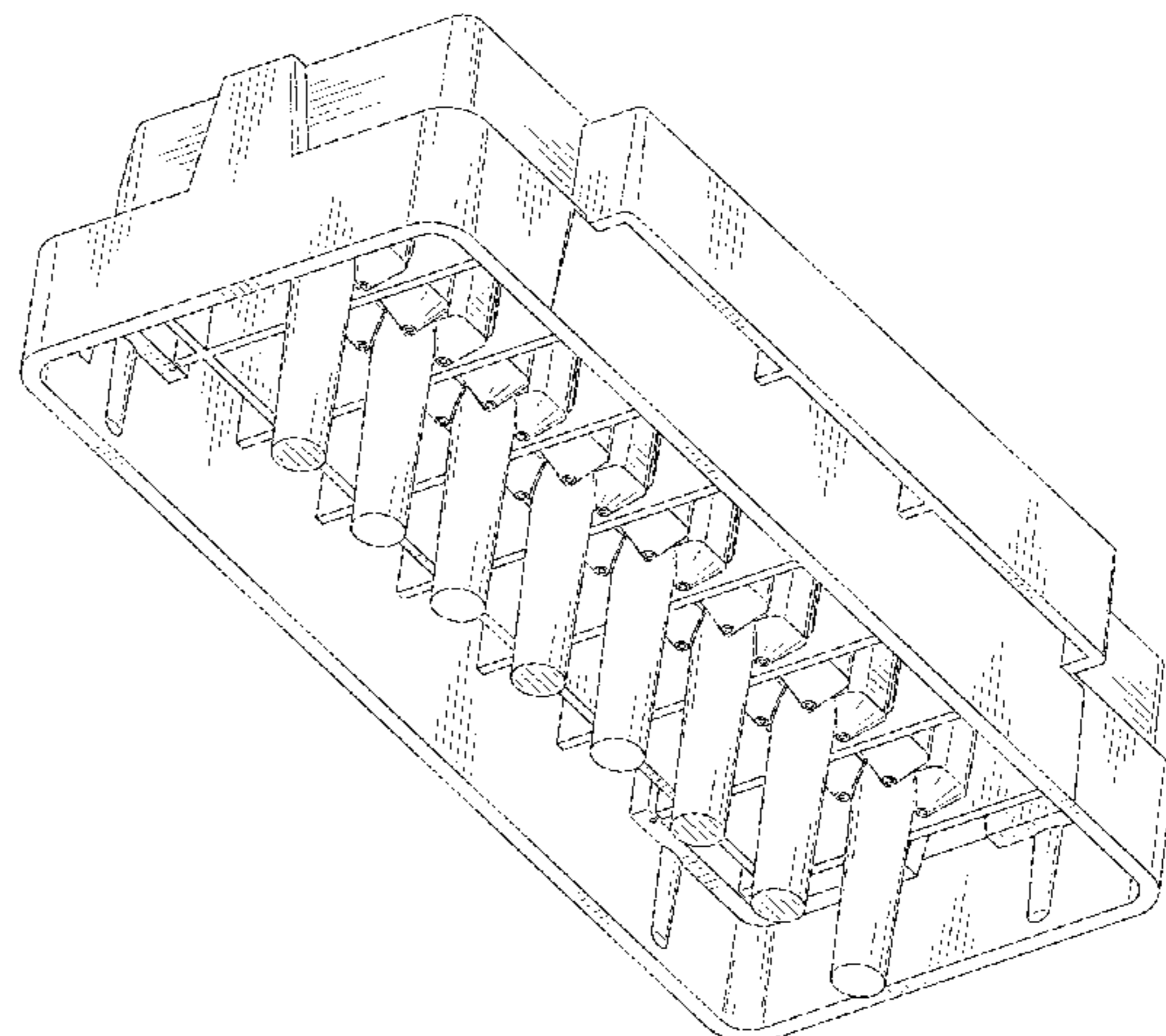
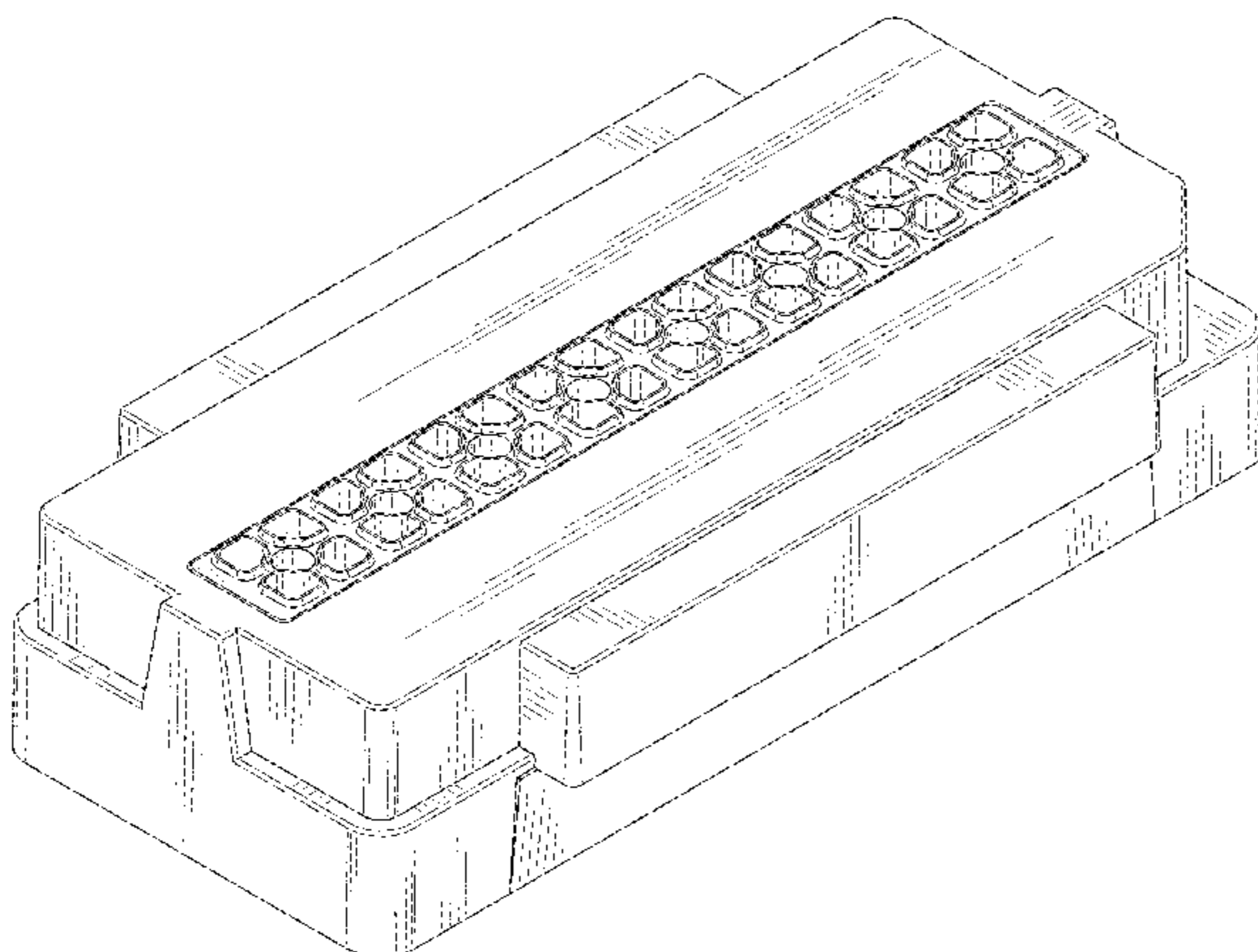
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front perspective view of a cartridge;
FIG. 2 is a front view of the cartridge;
FIG. 3 is a rear view of the cartridge;
FIG. 4 is a right side view of the cartridge;
FIG. 5 is a left side view of the cartridge;
FIG. 6 is a top view of the cartridge;
FIG. 7 is a bottom view of the cartridge;
FIG. 8 is a bottom, front perspective view of the cartridge;
and,
FIG. 9 is a cross-sectional view of the cartridge taken along line 9-9 in FIG. 6.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D618,821 S	6/2010	Larsen	
D619,257 S	7/2010	Meschenmoser et al.	
D624,661 S *	9/2010	Himmelsbach et al.	D24/230
D628,305 S *	11/2010	Gorrec et al.	D24/229
D628,306 S *	11/2010	Blanc et al.	D24/230
D631,557 S *	1/2011	Tajima et al.	D24/229
D632,402 S *	2/2011	Sattler et al.	D24/224
D632,803 S *	2/2011	Motadel et al.	D24/229
D657,473 S *	4/2012	Miyashita et al.	D24/224
D669,594 S *	10/2012	Cao et al.	D24/216
D672,053 S *	12/2012	Chen et al.	D24/225
D673,293 S *	12/2012	Demas et al.	D24/226
D674,112 S *	1/2013	Demas et al.	D24/226
D686,311 S	7/2013	Mori	
D686,749 S	7/2013	Trump	
D694,904 S	12/2013	Banes et al.	
D694,906 S	12/2013	Priebe et al.	
D694,908 S	12/2013	Okihara	
D696,419 S	12/2013	Fusellier et al.	
D701,972 S *	4/2014	Ohmae	D24/229
D707,847 S *	6/2014	Motadel et al.	D24/227
D714,957 S *	10/2014	Smith	D24/227
D717,470 S *	11/2014	Demas et al.	D24/226
D720,468 S *	12/2014	Calderwood et al.	D24/224

* cited by examiner

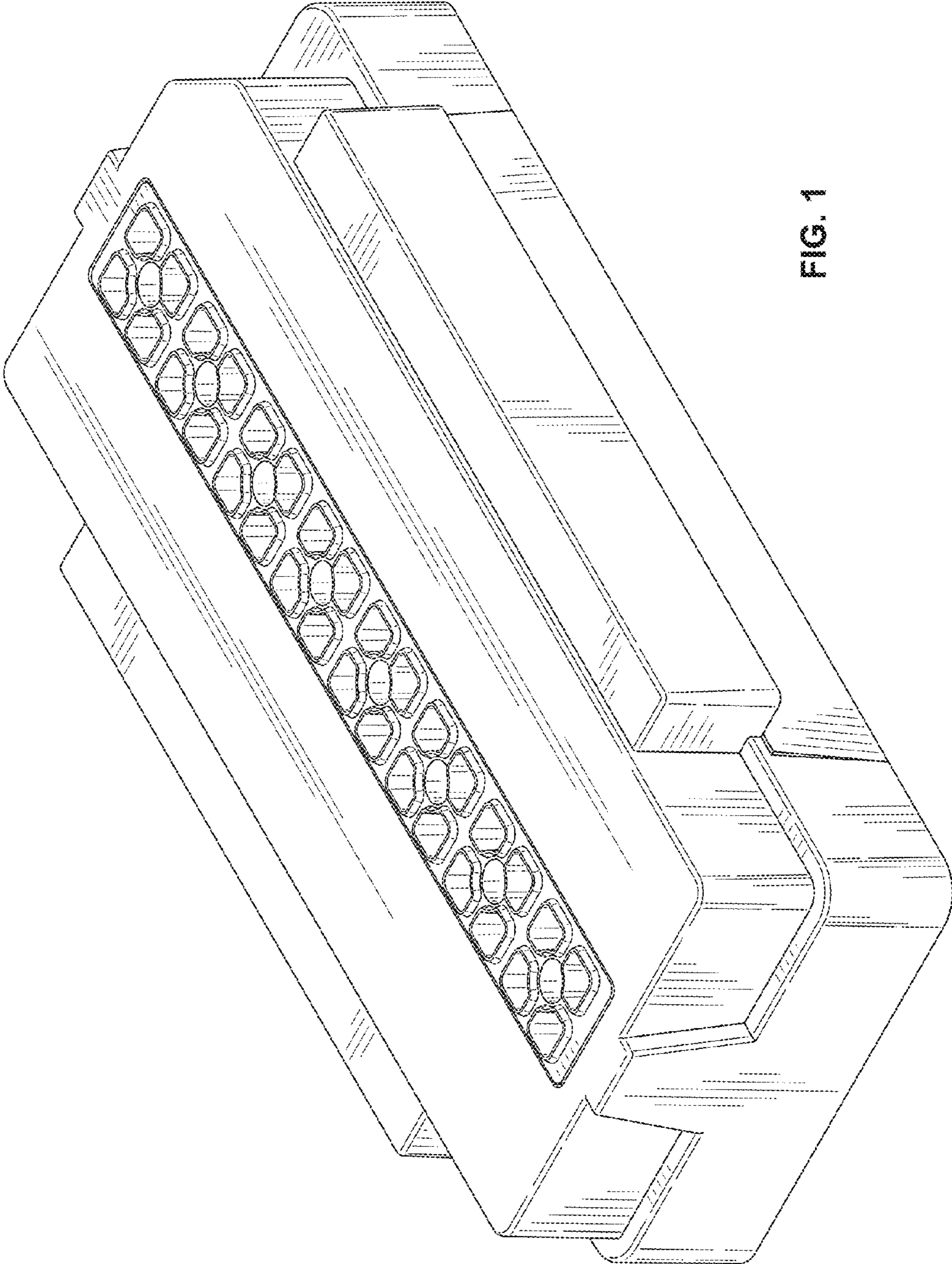


FIG. 1

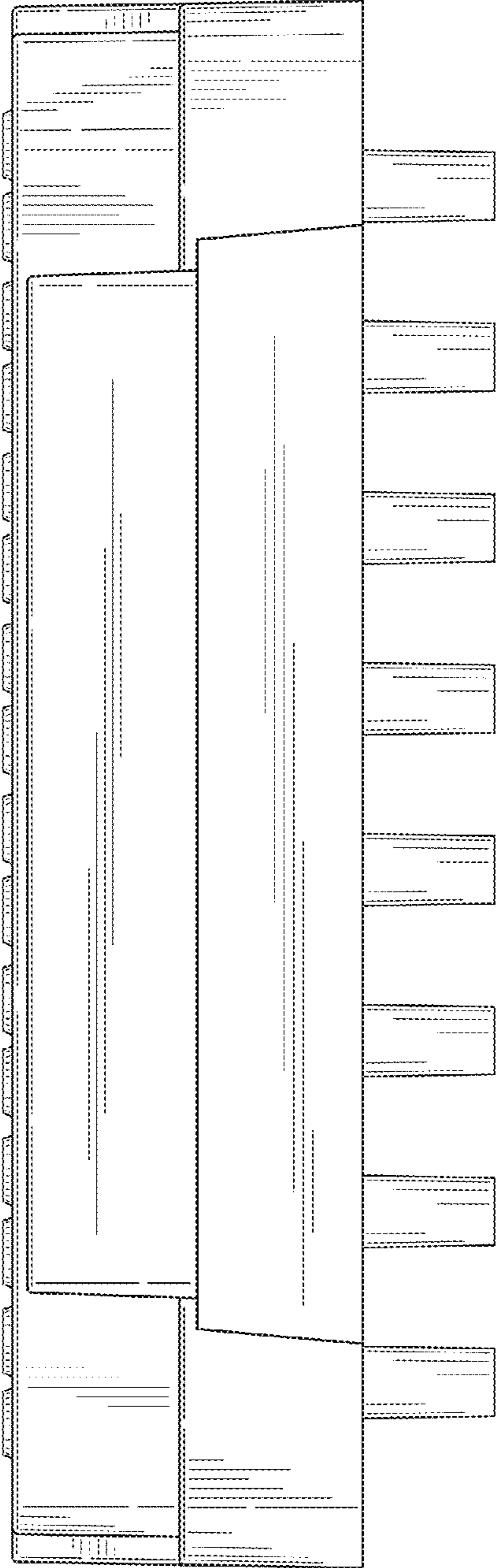


FIG. 2

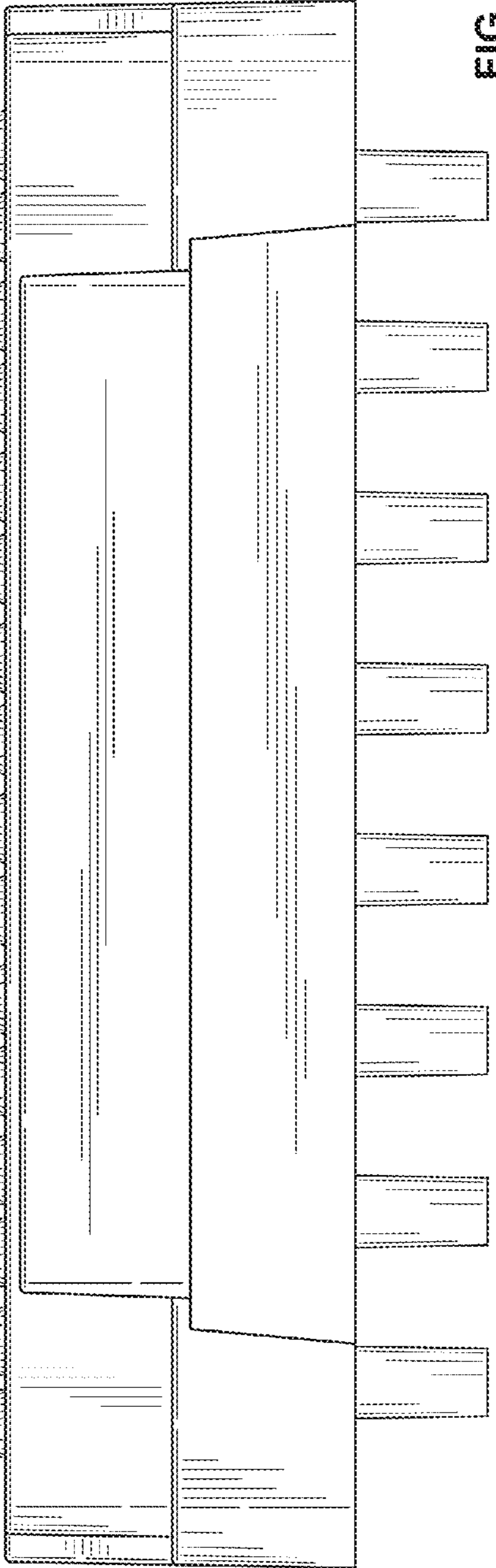


FIG. 3

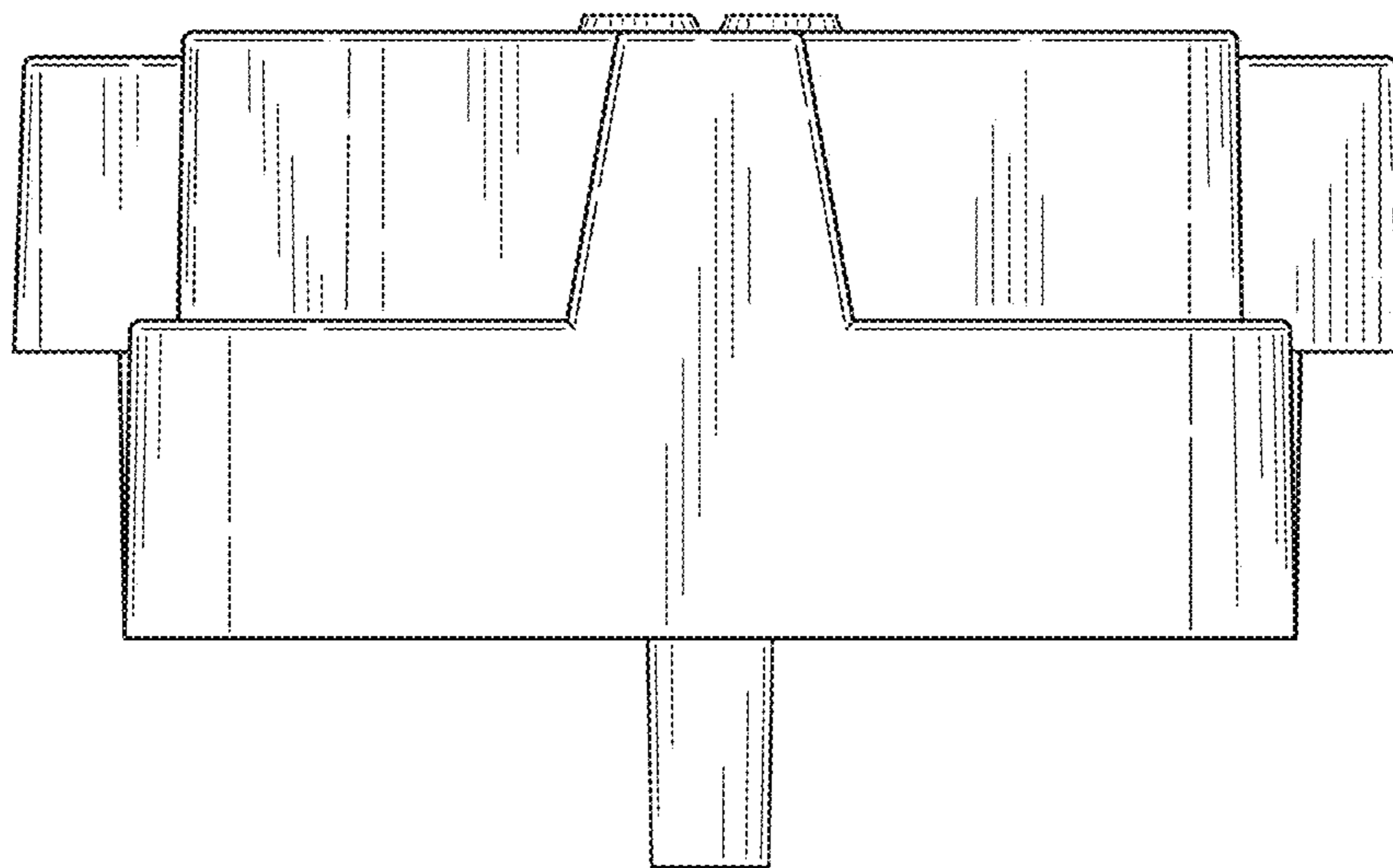


FIG. 4

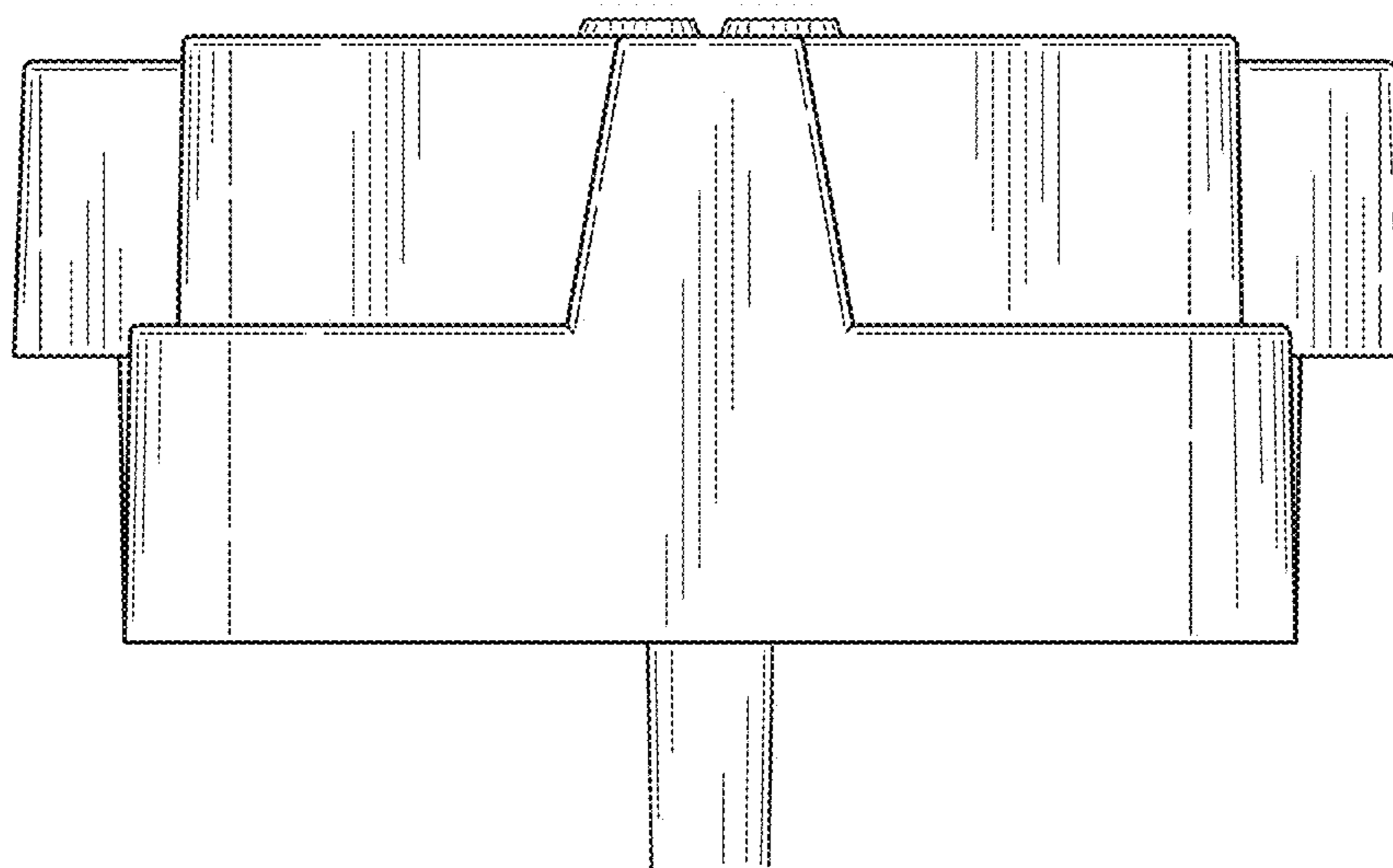


FIG. 5

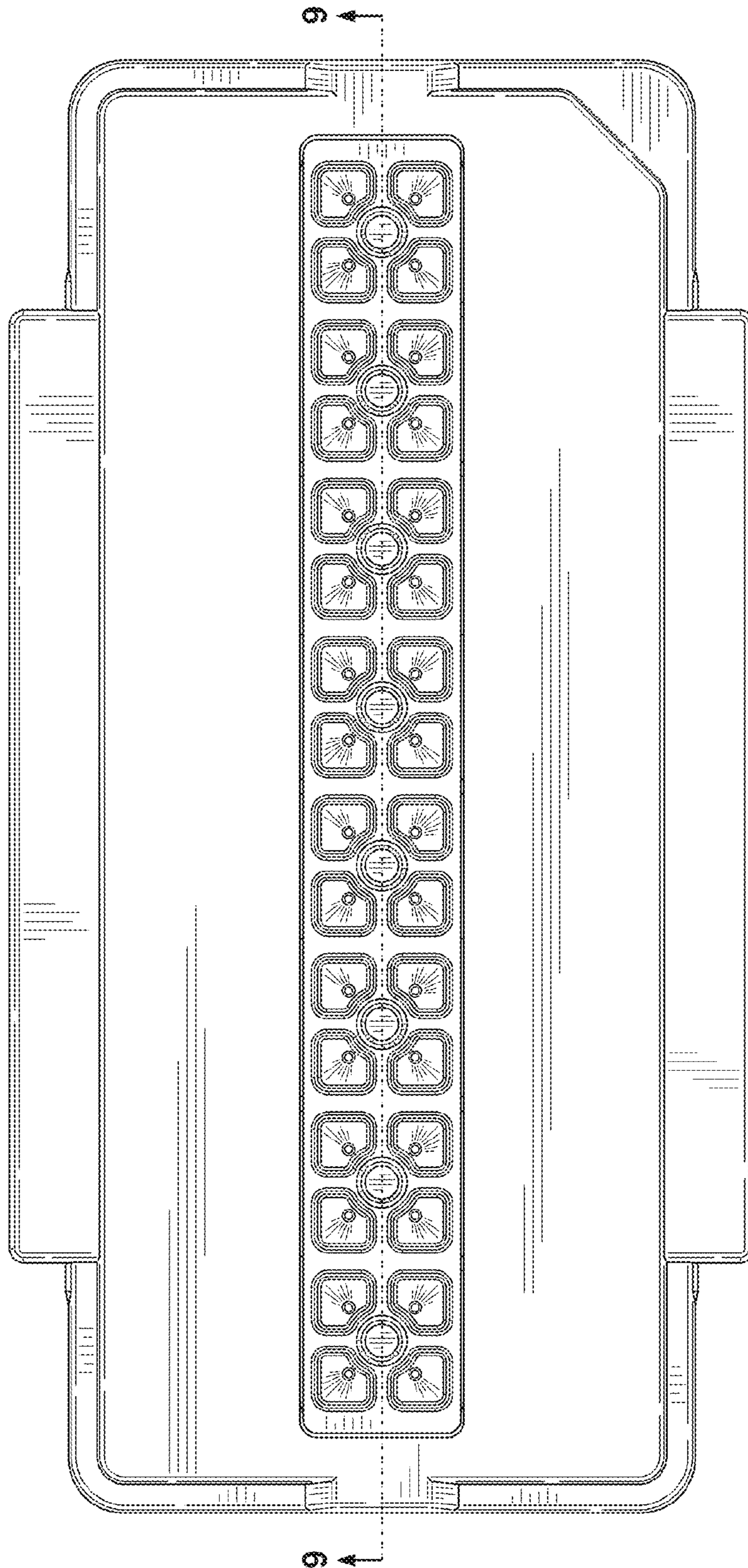


FIG. 6

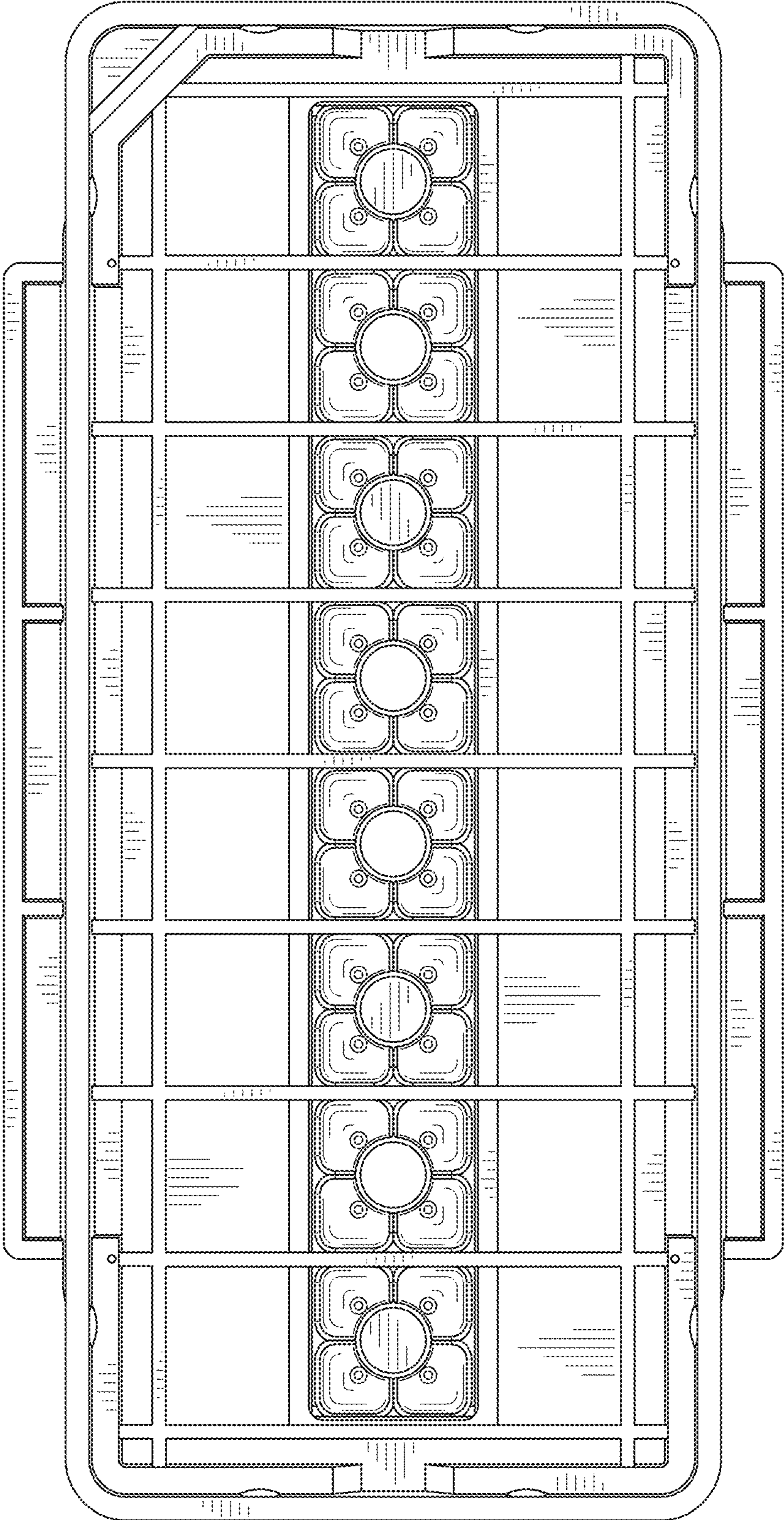


FIG. 7

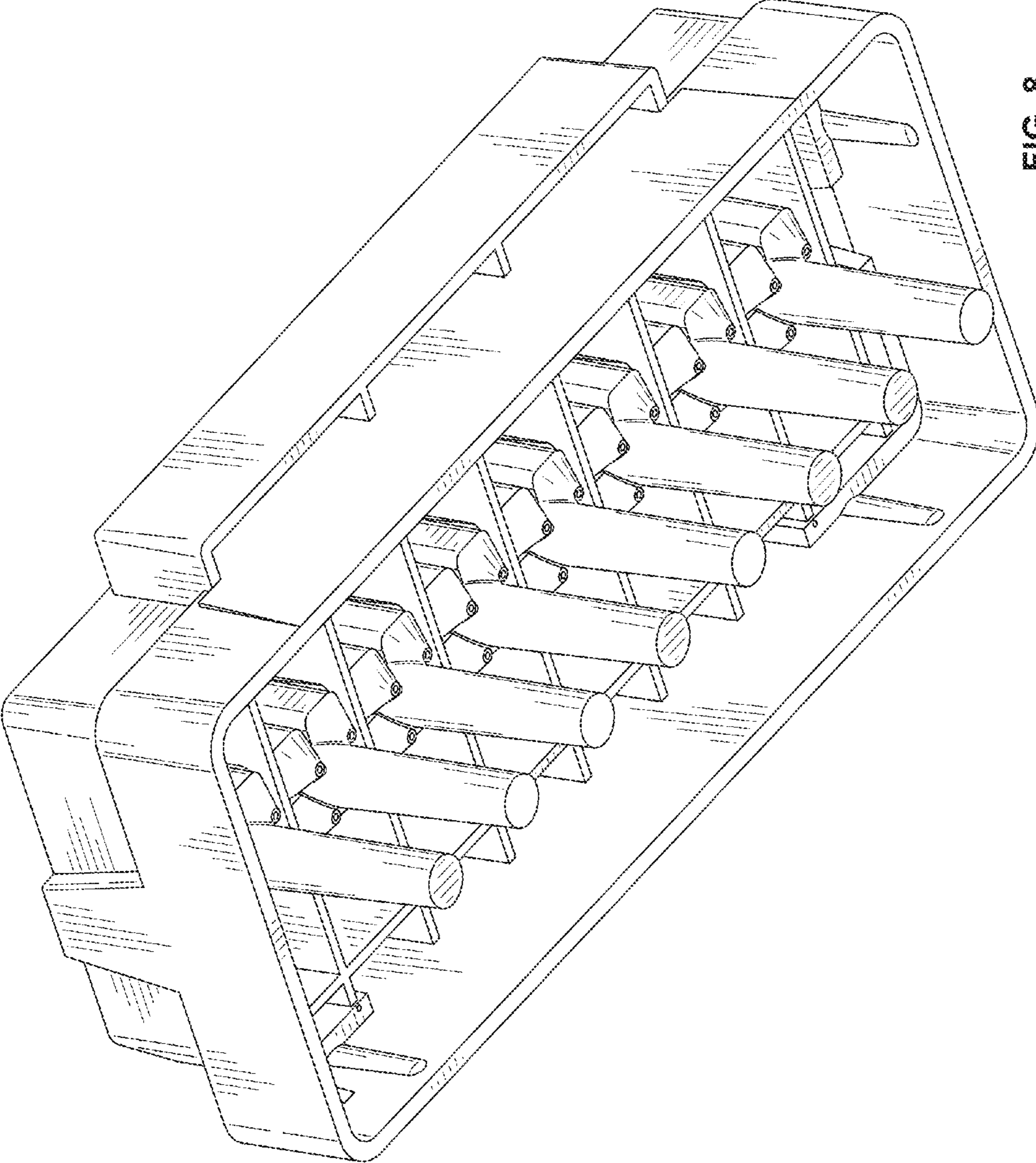


FIG. 8

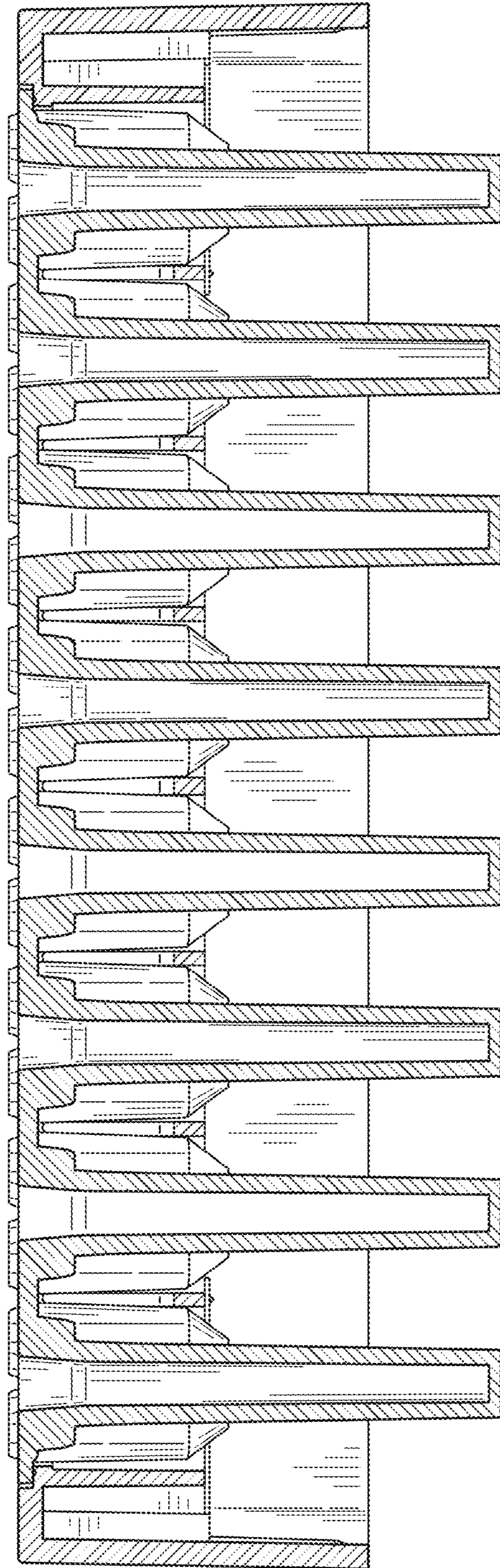


FIG. 9