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

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(54) **ARITHMETIC AND CONTROL UNIT**

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/356; D21/324**

(58) **Field of Classification Search**

CPC ..... F21V 8/00; G02B 6/0001; G06F 1/16;  
H05K 5/0026; H04N 5/50; H04N 5/64

USPC ..... D13/158, 162, 162.1; D14/300, 314,  
D14/348, 353-355, 356, 363, 365, 441,  
D14/444-446, 496, 498, 500-505;  
D21/324, 332, 333; 361/679.01,  
361/679.02, 679.31, 679.33

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D404,029 S *	1/1999	Fu	.....	D14/446
D429,230 S *	8/2000	Shiono	.....	D14/500
D550,675 S *	9/2007	Chen et al.	.....	D14/445
D565,504 S *	4/2008	Tanaka	.....	D12/605
D568,410 S *	5/2008	Navid et al.	.....	D21/333
D568,411 S *	5/2008	Navid et al.	.....	D21/333

D615,968 S *	5/2010	Herbst et al.	.....	D14/300
D657,788 S *	4/2012	Ledbetter et al.	.....	D14/363
D716,296 S *	10/2014	Drew	.....	D14/353
2013/0271671 A1 *	10/2013	Sogabe	.....	348/731

**FOREIGN PATENT DOCUMENTS**

CN	119493	*	11/2007
JP	773653 S		10/1989
JP	D1176904 S		6/2003

(Continued)

**OTHER PUBLICATIONS**

PS3 hack could force early PS4 release [online]. Chubb, Peter, 2012 [retrieved on Mar. 19, 2014]. Retrieved from the Internet: <URL: <http://www.inentertainment.co.uk/20121024/ps3-hack-could-force-early-ps4-release/>>.\*

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(57) **CLAIM**

The ornamental design for an arithmetic and control unit, as shown.

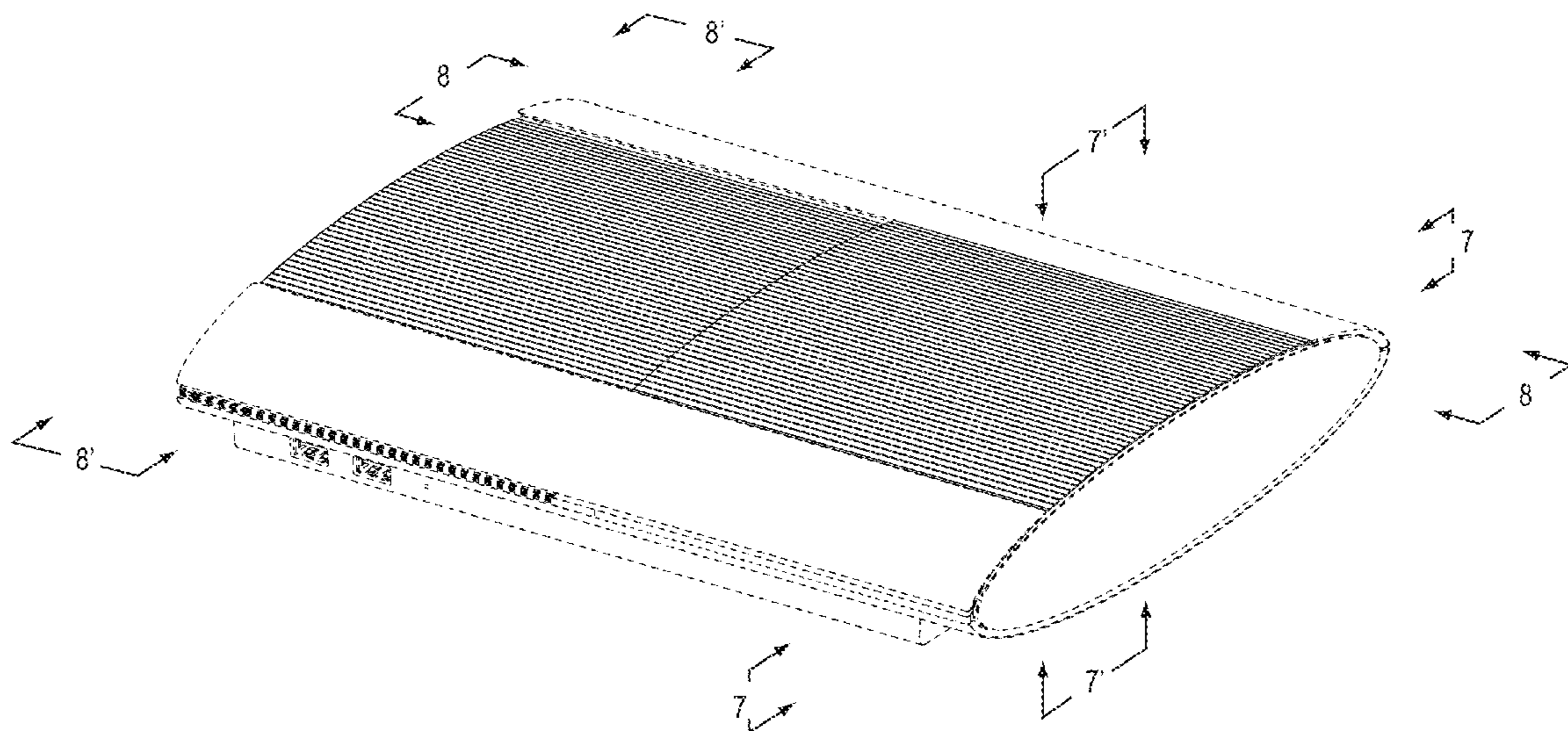
**DESCRIPTION**

FIG. 1 is a front, top, right perspective view of an arithmetic and control unit showing my new design;  
FIG. 2 is a front elevational thereof;  
FIG. 3 is a rear elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof; and,  
FIG. 6 is a top plan view thereof.

FIG. 7 is an enlarged perspective view thereof along the lines 7-7 and 7'-7' of FIG. 1; and,  
FIG. 8 is an enlarged perspective view thereof along the lines 8-8 and 8'-8' of FIG. 1.

The broken lines illustrate portions of the arithmetic and control unit that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

JP D1257656 S 5/2005  
JP D1257566 S 12/2005  
JP D1293711 S 2/2007

JP D1363065 S 6/2009  
JP D1363472 S 6/2009  
JP D1365856 S 7/2009  
JP D1374253 S 11/2009  
JP D1391669 S 7/2010

\* cited by examiner

FIG.1

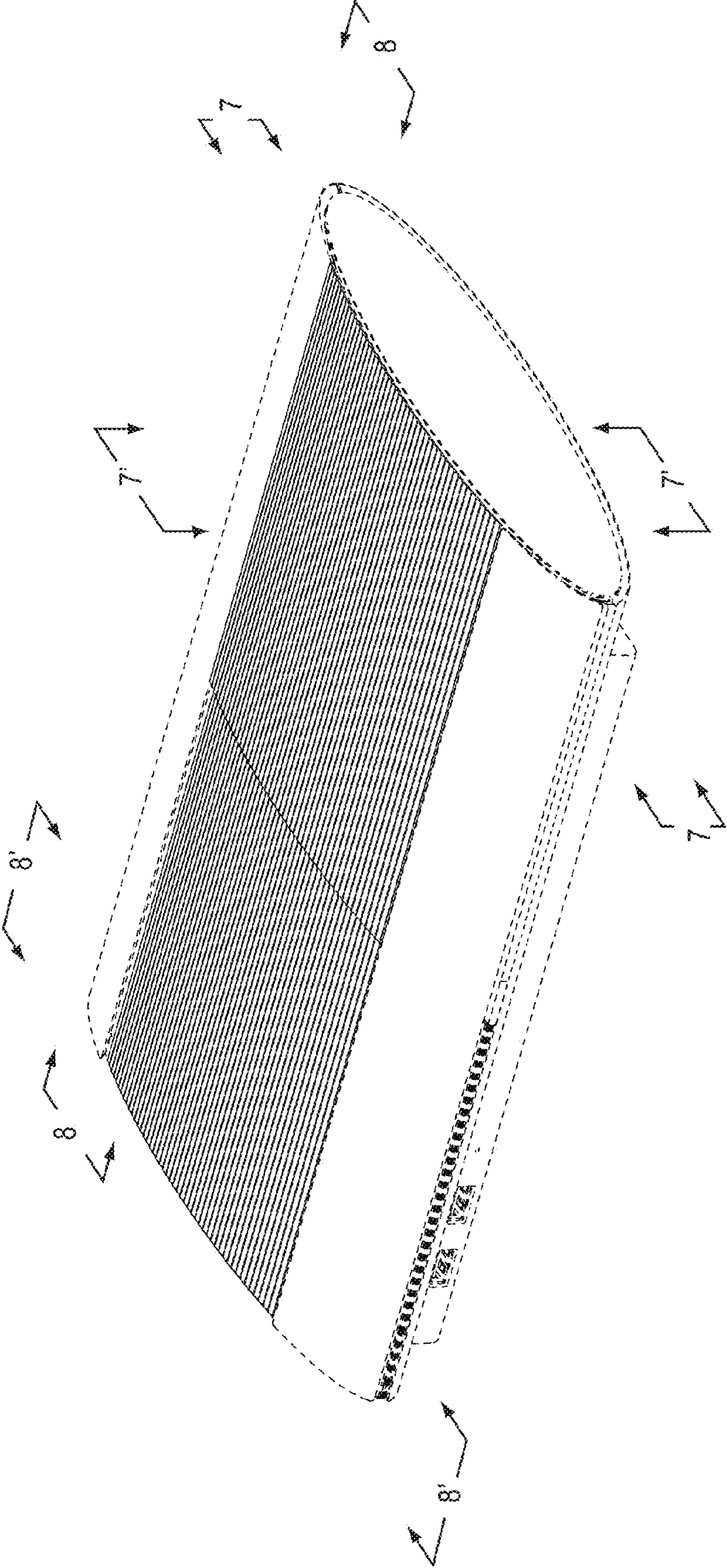




FIG.2

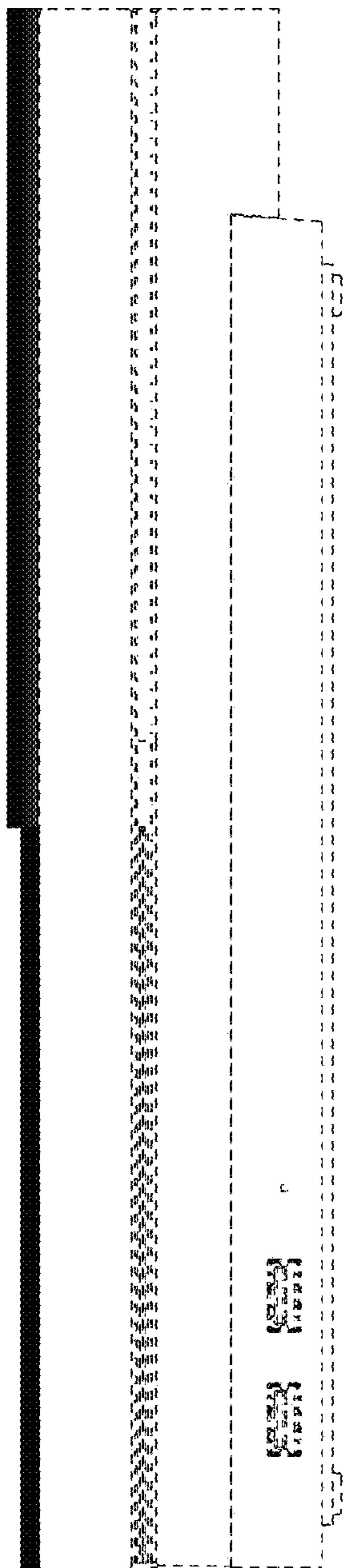


FIG.3

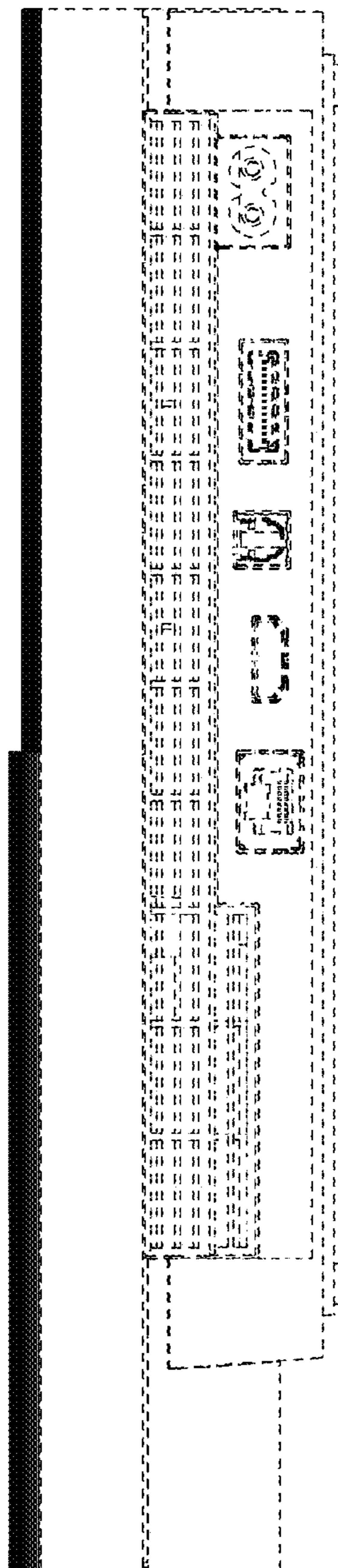


FIG.4

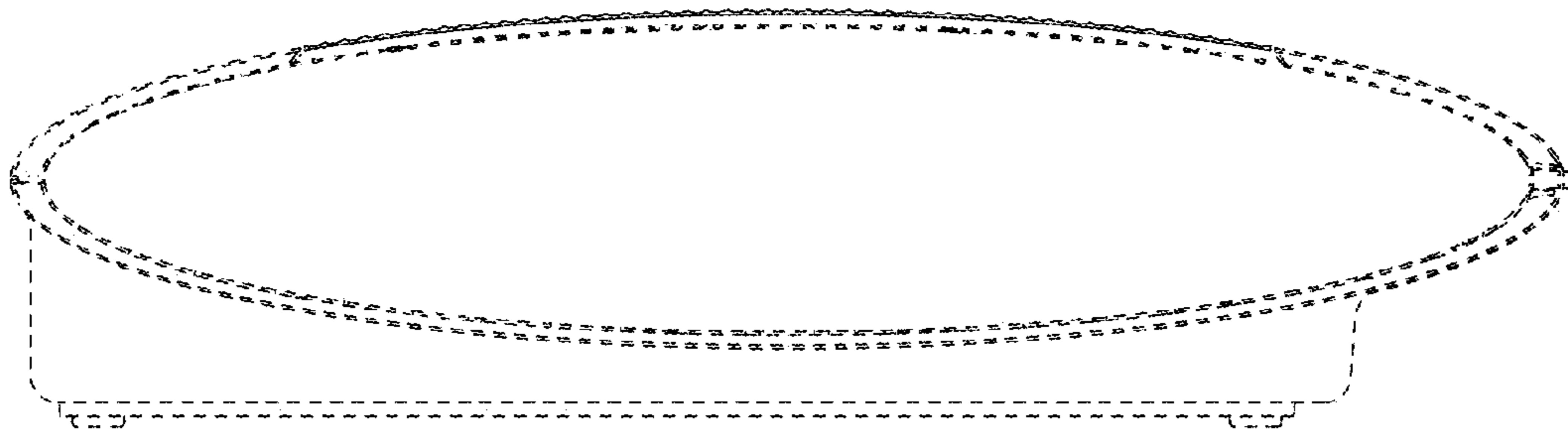


FIG.5

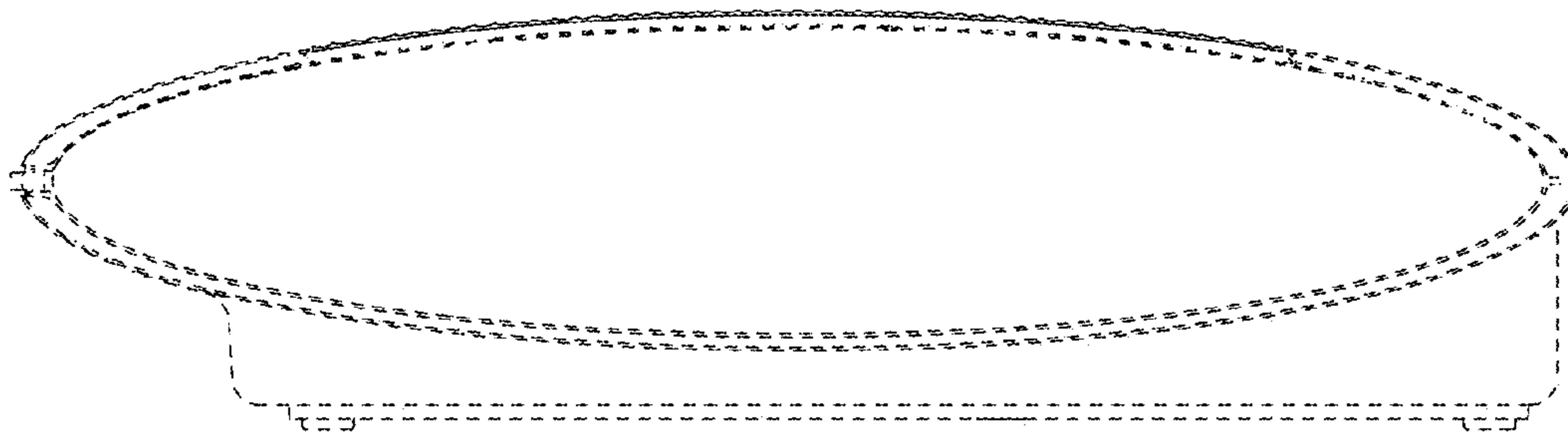


FIG. 6

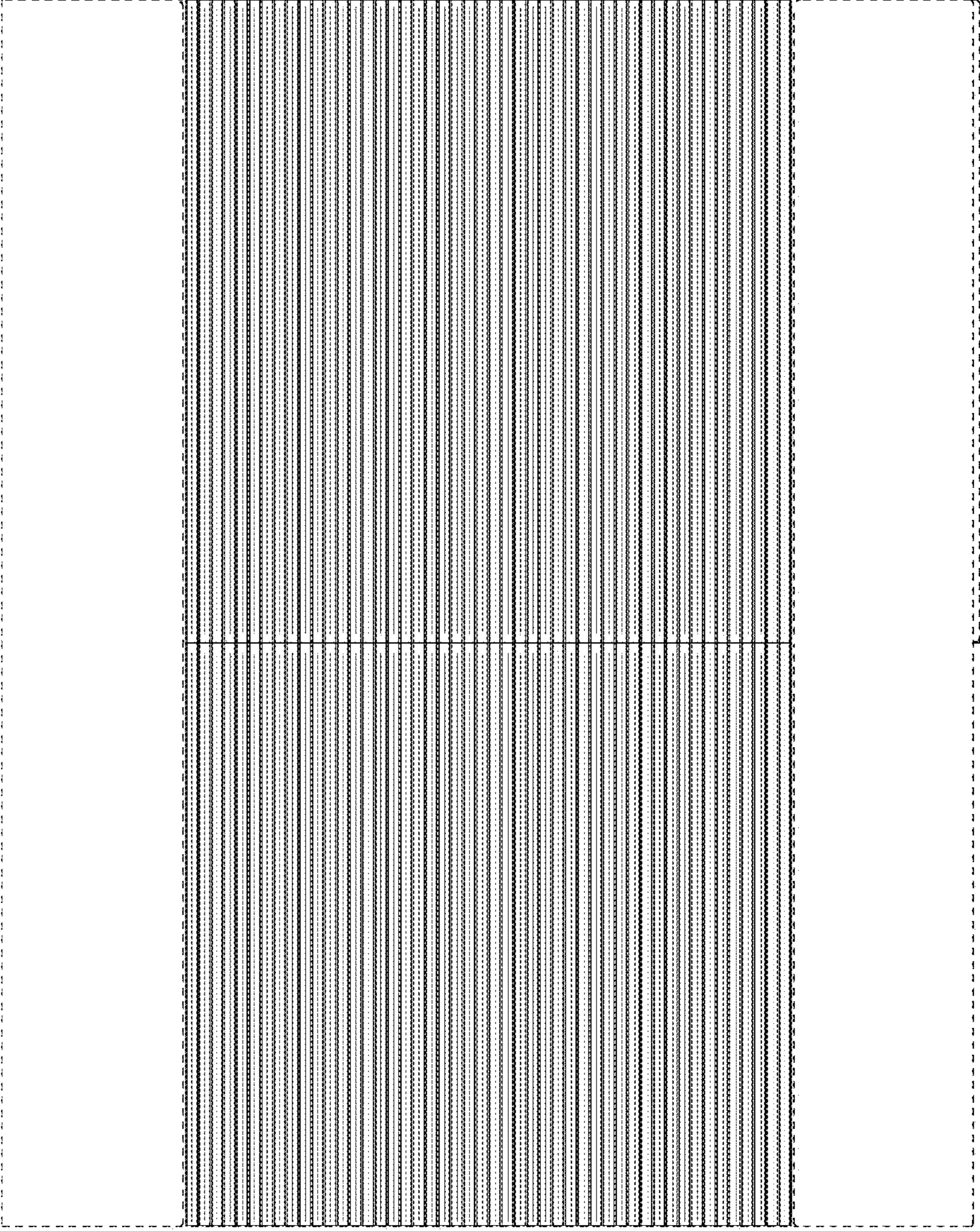




FIG.7

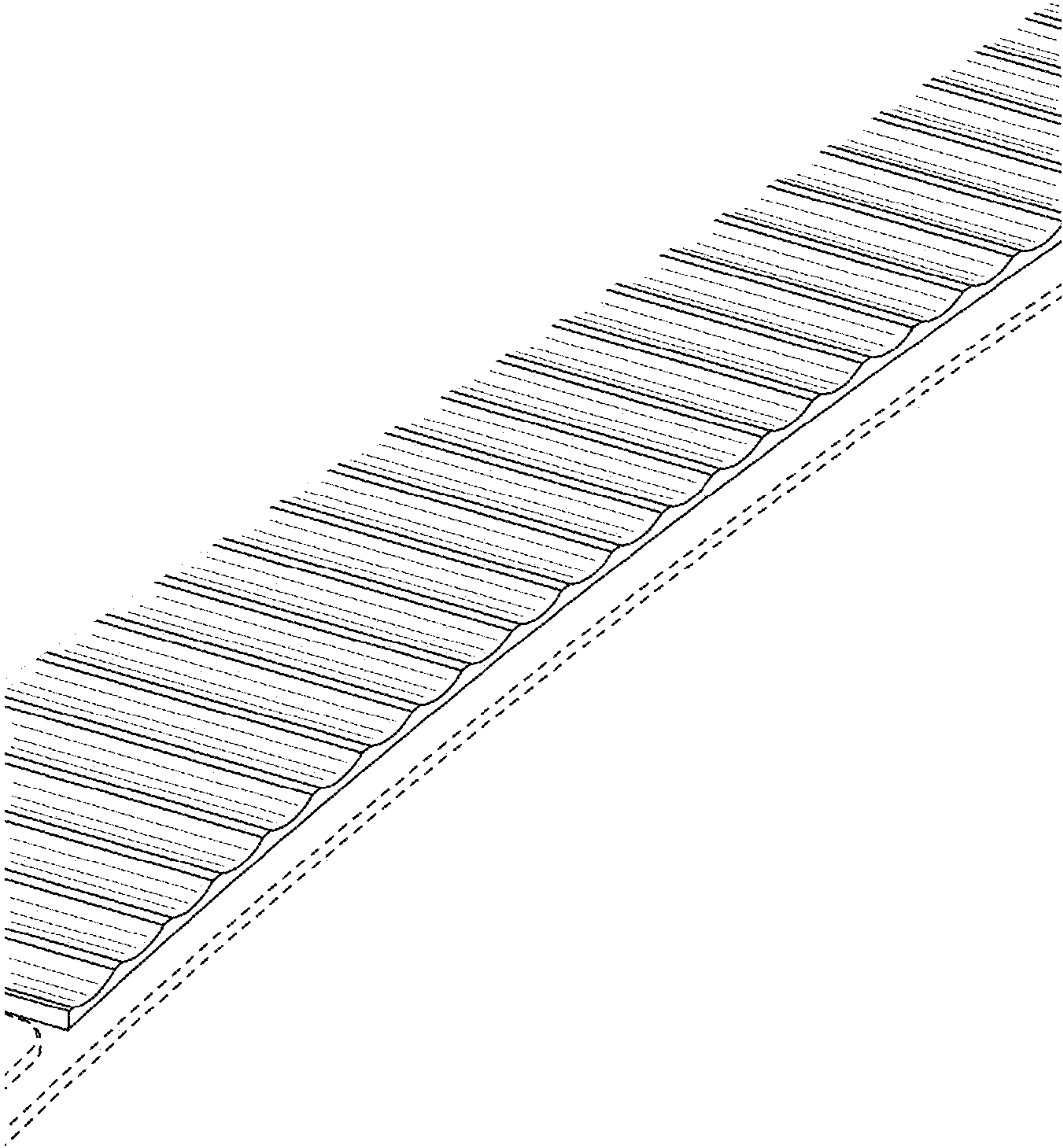


FIG. 8

