



US00D881804S

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

(10) **Patent No.:** **US D881,804 S**  
(45) **Date of Patent:** **\*\* Apr. 21, 2020**

(54) **COVER GLASS-INTERCONNECT-MOSAIC SOLAR CELL**

(71) Applicant: **SolAero Technologies Corp.**,  
Albuquerque, NM (US)

(72) Inventors: **Daniel Aiken**, Cedar Crest, NM (US);  
**Daniel Derkacs**, Albuquerque, NM (US);  
**Claiborne McPheeters**, Albuquerque, NM (US)

(73) Assignee: **SolAero Technologies Corp.**,  
Albuquerque, NM (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/688,017**

(22) Filed: **Apr. 17, 2019**

(51) **LOC (12) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/102**

(58) **Field of Classification Search**  
USPC ..... D13/101, 102, 103, 118, 119, 184, 199;  
D14/441, 447, 451  
CPC ..... H02S 20/20; H02S 20/24; H02S 20/30;  
H02S 30/10; H02S 40/36; Y02B 10/12;  
Y02B 10/20  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D524,727 S *	7/2006	Yamashita	.....	D13/102
D543,501 S *	5/2007	Yamashita	.....	D13/102
8,205,400 B2 *	6/2012	Allen	.....	H01L 31/048 136/244
D684,112 S *	6/2013	Fallon	.....	D13/102
8,607,510 B2 *	12/2013	Daniels	.....	E04D 1/30 126/622
D719,909 S *	12/2014	Iwasaki	.....	D13/102

9,082,913 B2 *	7/2015	Karpovich	.....	H01L 31/048
9,156,568 B1 *	10/2015	Spence	.....	B64G 1/222
D750,556 S *	3/2016	Morad	.....	D13/102
9,281,777 B1 *	3/2016	Borgstrom	.....	F16M 11/38
9,394,693 B2 *	7/2016	Daniels	.....	H02S 20/25
D767,484 S *	9/2016	Morad	.....	D13/102
D778,234 S *	2/2017	Cheung	.....	D13/102
D814,402 S *	4/2018	Cheung	.....	D13/102
D817,265 S *	5/2018	Liu	.....	D13/102
D823,237 S *	7/2018	Albright	.....	D13/102
D830,296 S *	10/2018	Liu	.....	D13/102
D832,203 S *	10/2018	Caswell	.....	D13/102
10,141,885 B2 *	11/2018	Smadja	.....	H02S 20/00
D841,571 S *	2/2019	Zhou	.....	D13/102
D857,624 S *	8/2019	Katov	.....	D13/102
D866,456 S *	11/2019	Negley	.....	D13/102
10,536,108 B2 *	1/2020	Goldberg	.....	H02S 20/20

\* cited by examiner

*Primary Examiner* — Susan Bennett Hattan  
*Assistant Examiner* — Suzanne E Tisdell

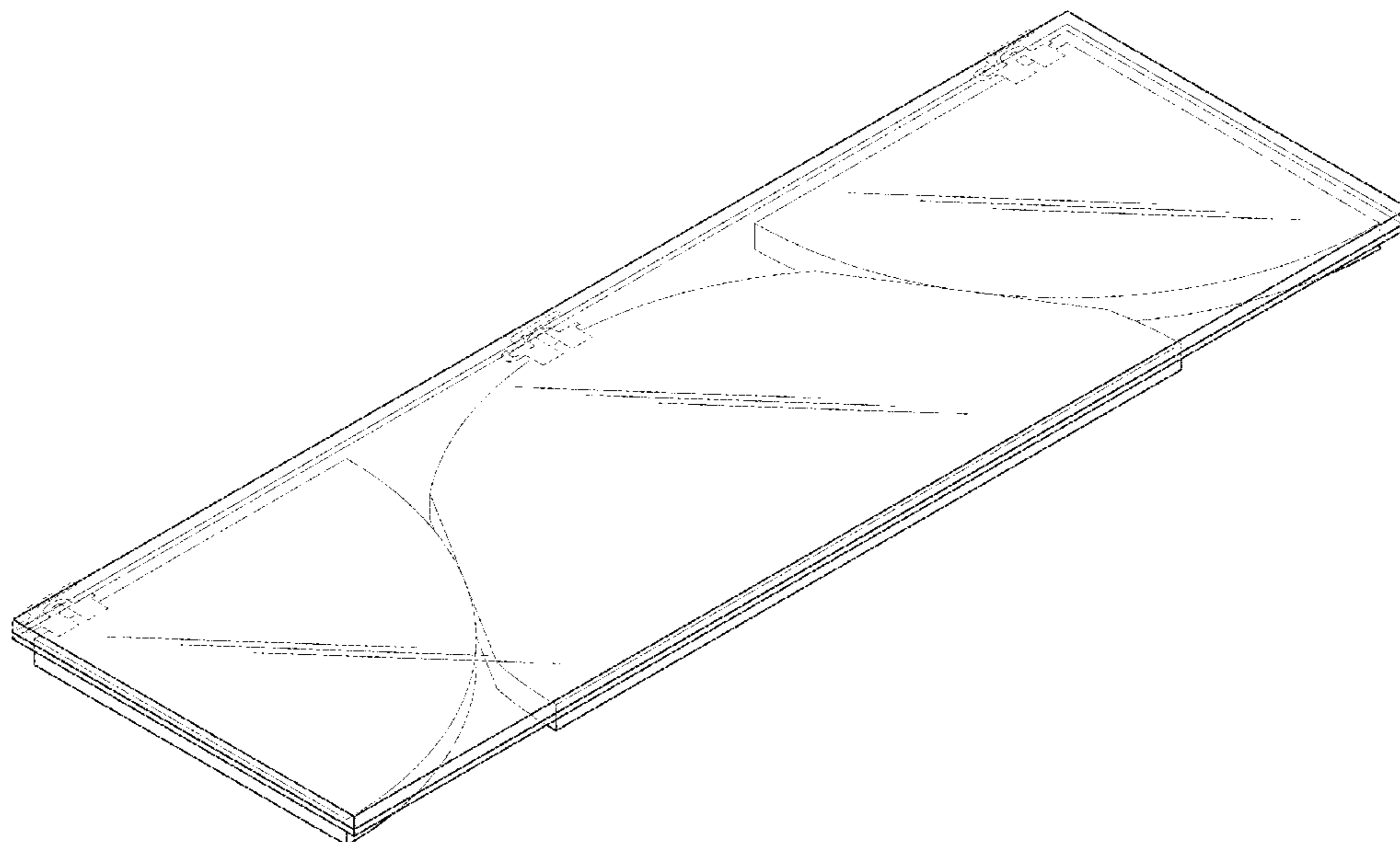
(57) **CLAIM**

The ornamental design for a cover glass-interconnect-mosaic solar cell, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view that illustrates the cover glass-interconnect-mosaic solar cell showing our new design;  
FIG. 2 is a front side elevation view thereof;  
FIG. 3 is a rear side elevation view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a left side elevation view thereof; and,  
FIG. 7 is a right side elevation view thereof.  
The broken line portion of the figure drawings is included to show portions of the article that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



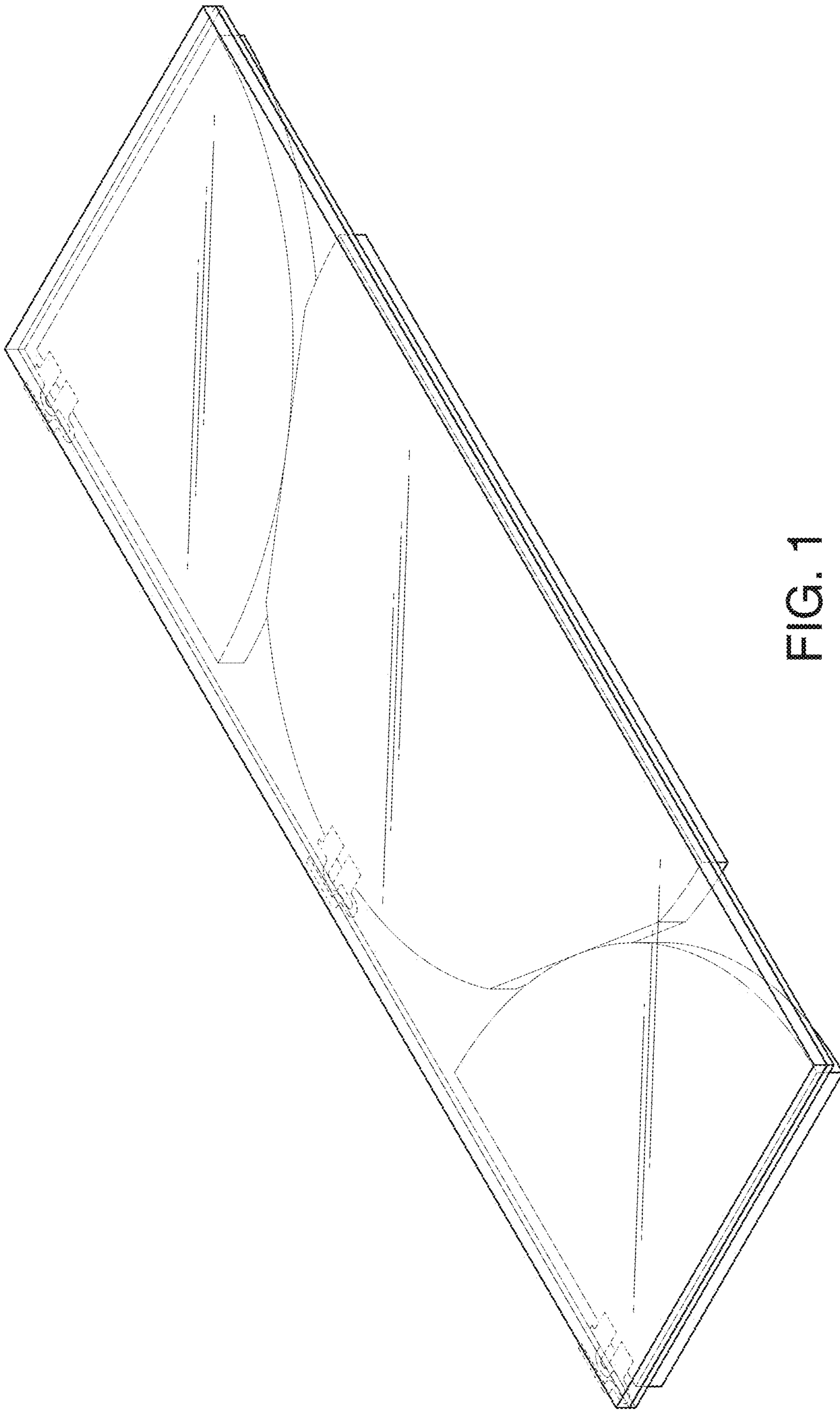


FIG. 1

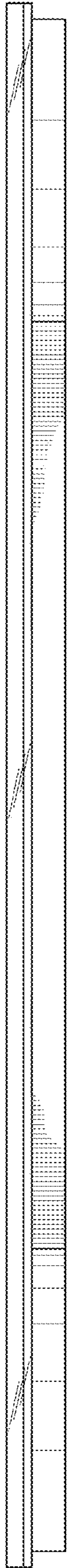


FIG. 2

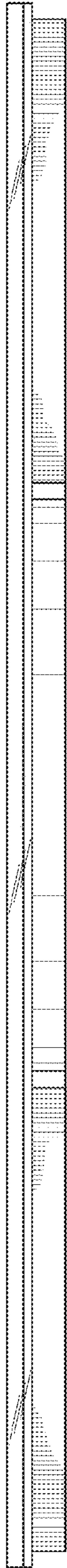


FIG. 3

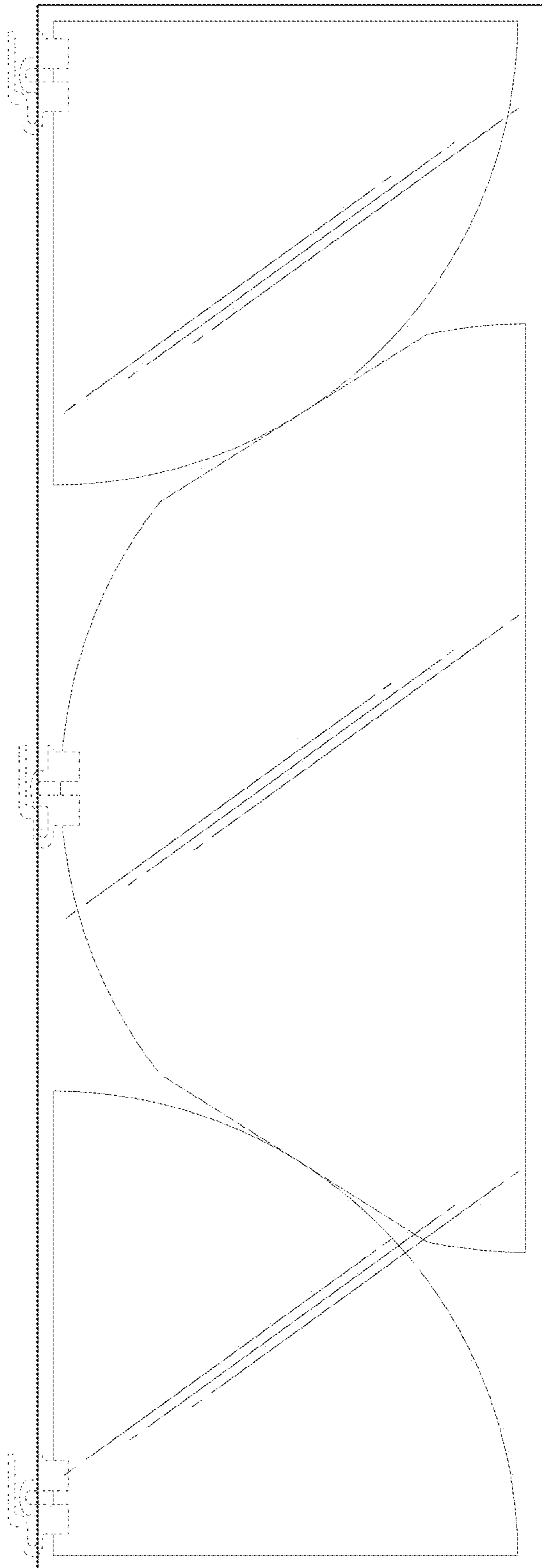


FIG. 4

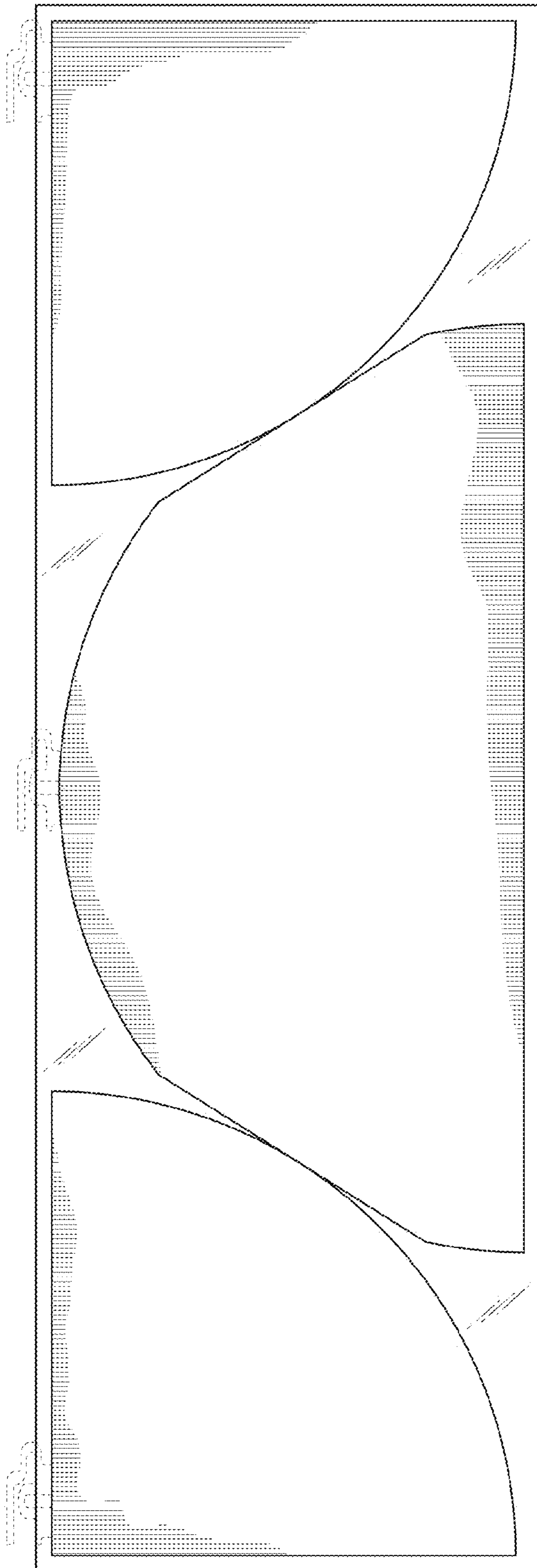


FIG. 5

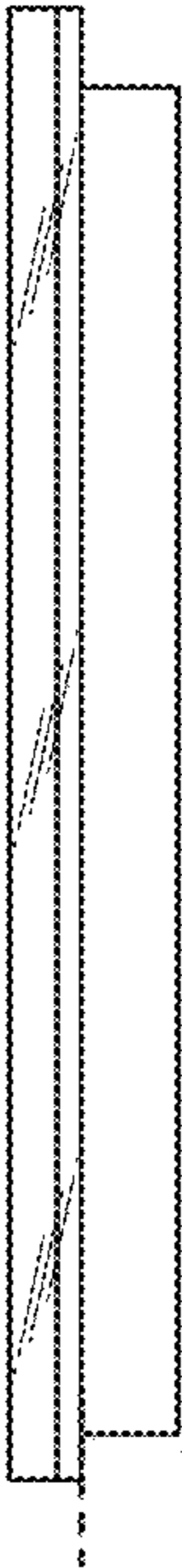


FIG. 6

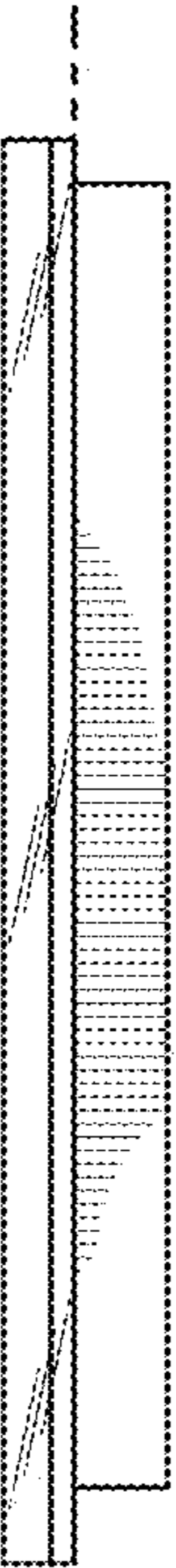


FIG. 7