



US0D1030669S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,030,669 S**
Gillespie et al. (45) **Date of Patent:** **** Jun. 11, 2024**

(54) **ELECTRICAL MODULE**

(71) Applicant: **Phoenix Contact Development and Manufacturing, Inc.**, Middletown, PA (US)

(72) Inventors: **Brian John Gillespie**, Hummelstown, PA (US); **Scott Michael Frye**, Palmyra, PA (US)

(73) Assignee: **Phoenix Contact Development and Manufacturing, Inc.**, Middletown, PA (US)

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

(21) Appl. No.: **29/777,427**

(22) Filed: **Apr. 6, 2021**

(51) **LOC (14) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133; D13/147**

(58) **Field of Classification Search**
USPC ... D13/133, 101, 123, 146, 147, 153, 137.1, D13/149, 160
CPC G02B 6/38; G02B 6/38875; G02B 6/4284; H01R 13/40; H01R 13/58; H01R 13/627; H01R 13/66; H01R 13/6335; H01R 13/6272; H01R 13/6397; H01R 13/639; H01R 13/6275; H01R 31/06; H01R 24/00; H01R 24/46; H01R 43/26
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D398,582 S	*	9/1998	Fryers		D13/184
D422,267 S	*	4/2000	Richards		D13/154
D517,474 S	*	3/2006	Sukhman		D13/101
D563,902 S	*	3/2008	Radau		D13/162
D567,191 S	*	4/2008	Eichinger		D13/158
D588,552 S	*	3/2009	Radau		D13/162

D591,699 S	5/2009	Correll et al.	
D599,310 S	9/2009	Correll et al.	
D599,311 S	9/2009	Correll et al.	
D599,312 S	9/2009	Correll et al.	
D600,213 S	*	9/2009	Inoue D13/133
D640,207 S	6/2011	Huss, Jr. et al.	
D640,208 S	6/2011	Huss, Jr. et al.	
D645,405 S	9/2011	Huss, Jr. et al.	
D649,119 S	11/2011	Huss, Jr. et al.	

(Continued)

Primary Examiner — Christy Nemeth

Assistant Examiner — Leah E Hoeferkamp

(74) *Attorney, Agent, or Firm* — Hooker & Habib, P.C.

(57) **CLAIM**

The ornamental design for an electrical module, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, and right perspective view of an electrical module showing our new design.

FIG. 2 is a front, top, and left perspective view thereof.

FIG. 3 is a rear, bottom, and right perspective view thereof.

FIG. 4 is a rear-bottom-left rear, bottom, and left perspective view thereof.

FIG. 5 is a right side view thereof.

FIG. 6 is a left side view thereof.

FIG. 7 is a front view thereof.

FIG. 8 is a rear view thereof.

FIG. 9 is a top view thereof.

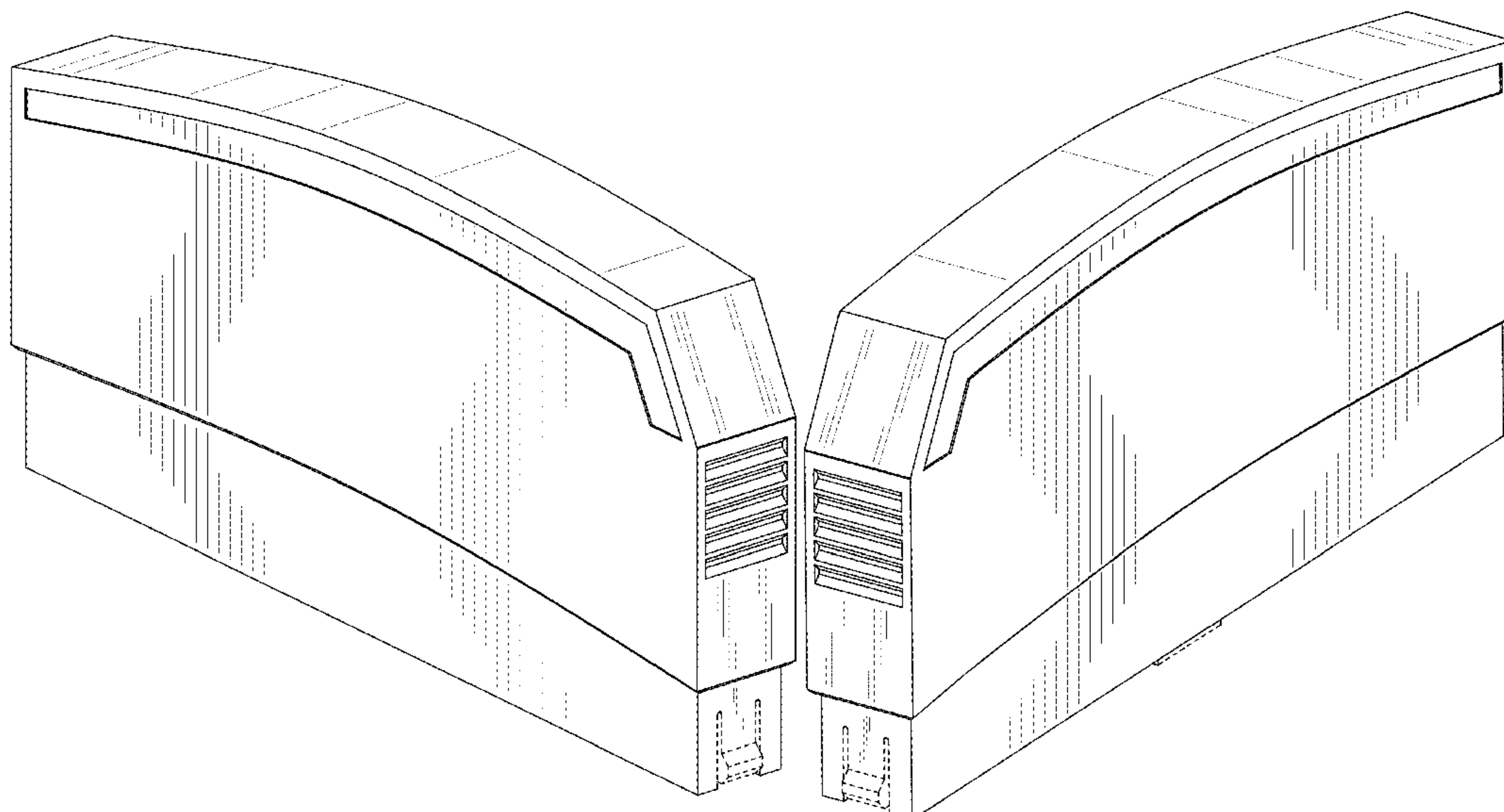
FIG. 10 is a bottom view thereof.

FIG. 11 is a partial sectional view taken along line 11-11 of FIG. 7, the opposite view taken along line 11-11 being a mirror image thereof; and,

FIG. 12 is a partial sectional view taken along line 12-12 of FIG. 8, the opposite view taken along line 12-12 being a mirror image thereof.

The broken lines shown represent portions of the electrical module that form no part of the claimed design.

1 Claim, 9 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D660,260	S	5/2012	Brink et al.	
D669,855	S	10/2012	Correll et al.	
D673,122	S	12/2012	Huss, Jr. et al.	
D676,813	S	2/2013	Wiest et al.	
D685,331	S *	7/2013	Correll	D13/147
D693,776	S *	11/2013	Skowranek	D13/162
D752,514	S *	3/2016	Hoppmann	D13/160
D765,031	S *	8/2016	Mielnik	D13/123
D786,796	S *	5/2017	Frye	D13/133
D804,417	S *	12/2017	Baacke	D13/110
D811,327	S *	2/2018	Mueller	D13/110
D811,332	S *	2/2018	Siddiqui	D13/162
D817,272	S *	5/2018	Molnar	D13/110
D827,575	S	9/2018	Oyster	
D833,392	S *	11/2018	Frye	D13/133
D841,589	S *	2/2019	Böhmer	D13/133
D864,868	S *	10/2019	Tenzer	D13/123
D866,467	S *	11/2019	Tenzer	D13/123
D917,397	S *	4/2021	Brink	D13/133
D927,428	S *	8/2021	Wermter	D13/133
2012/0071038	A1 *	3/2012	Ondusko	H01R 9/2675 439/884

* cited by examiner

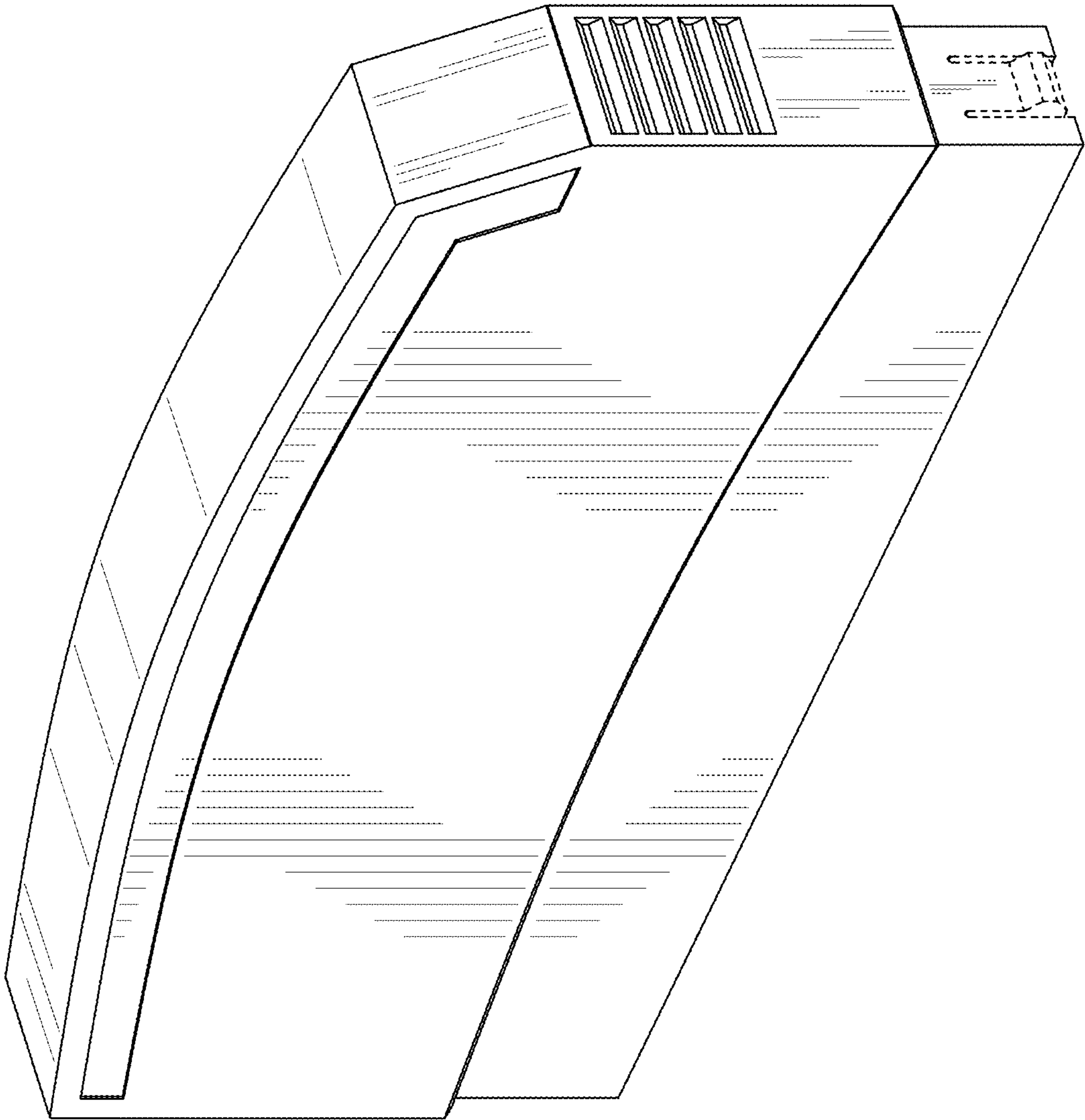


FIG. 1

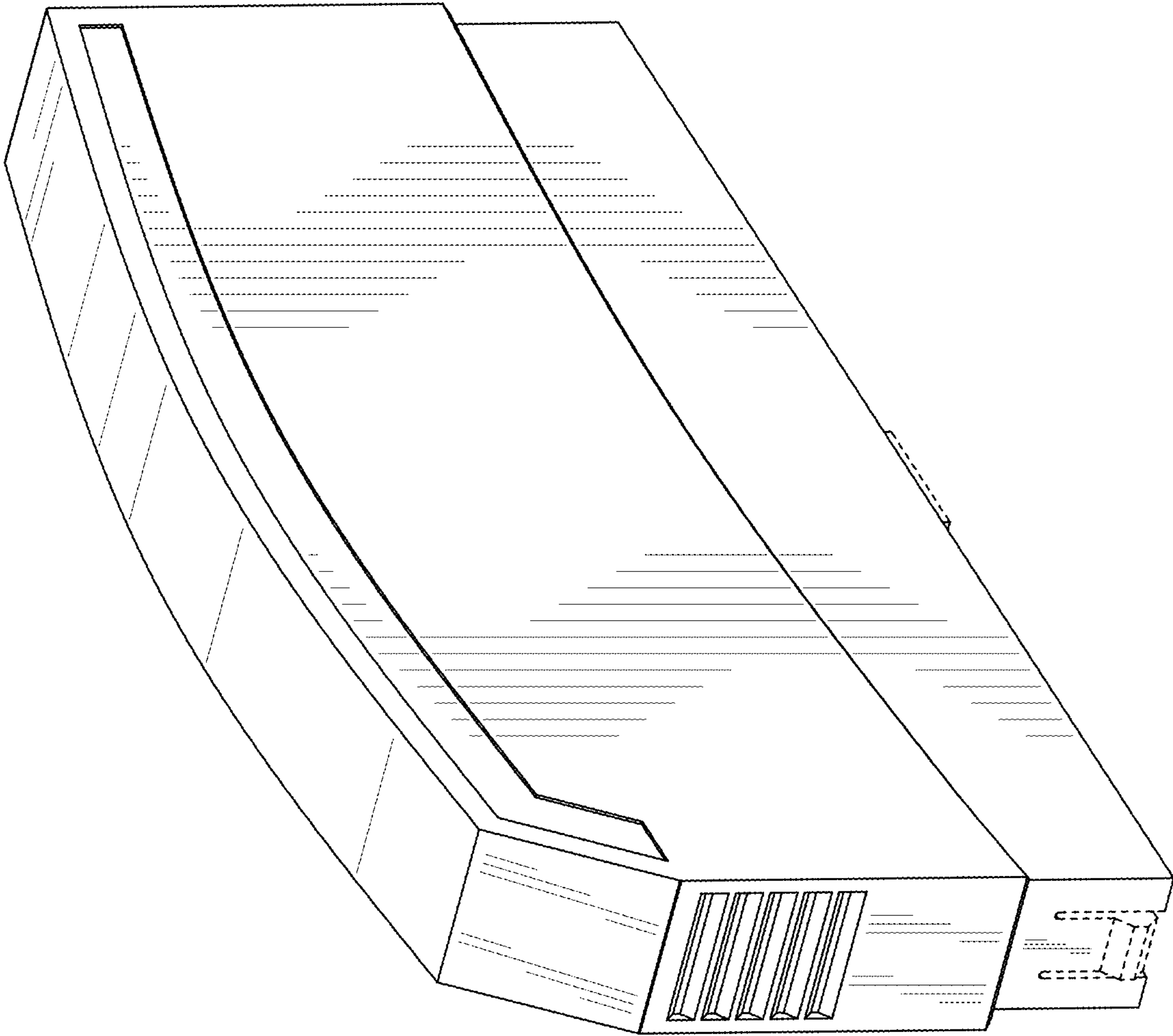


FIG. 2

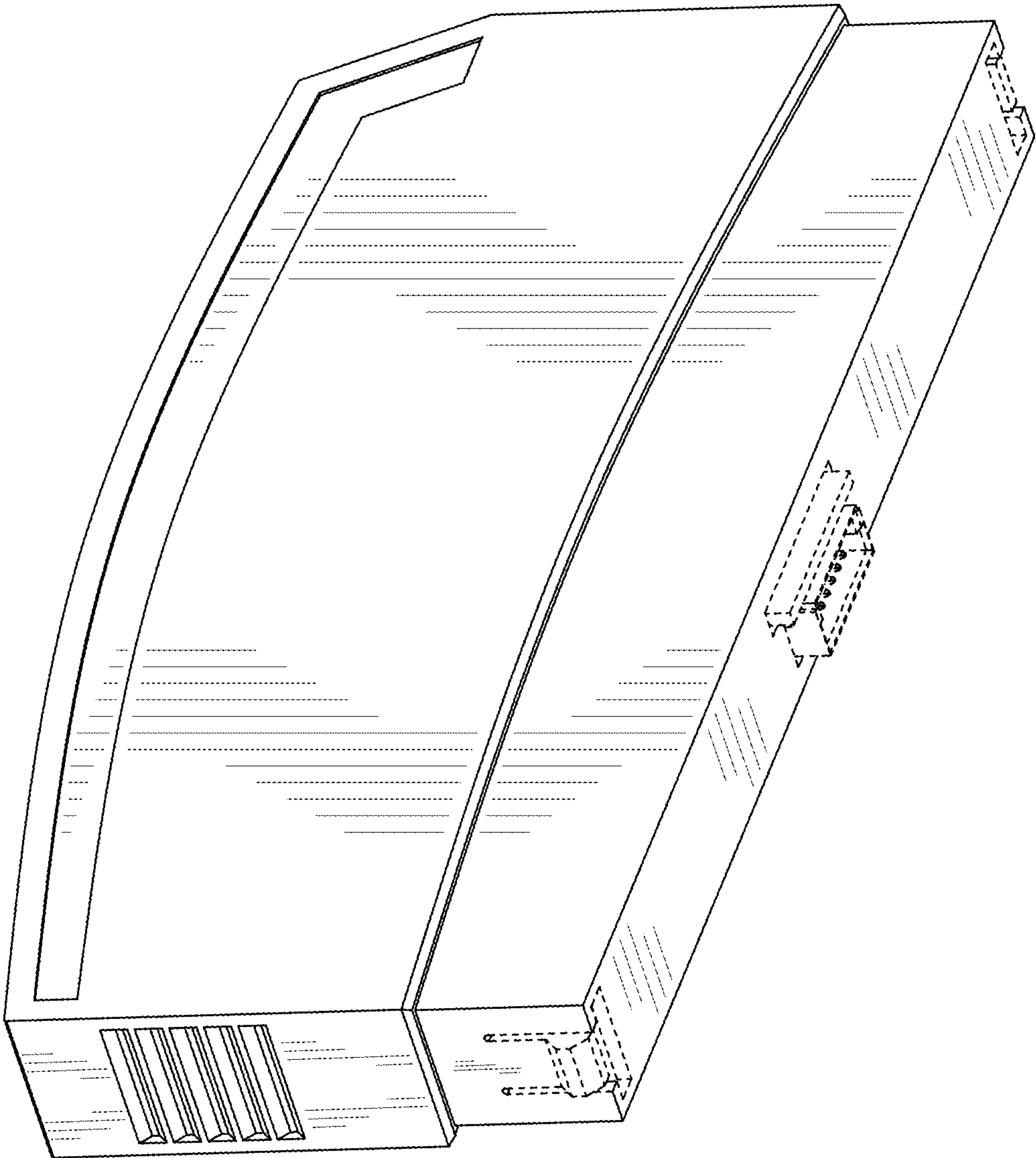


FIG. 3

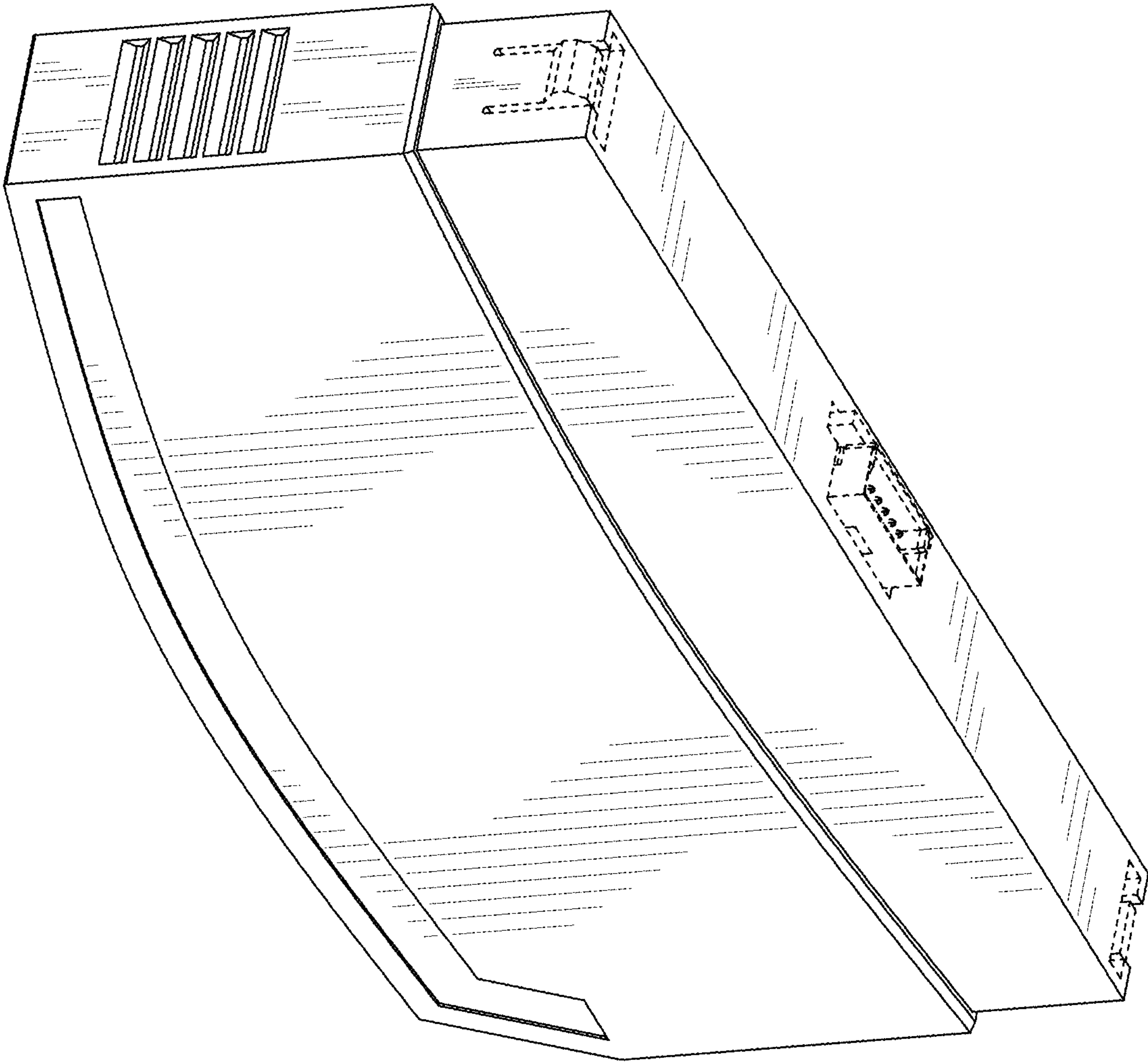


FIG. 4

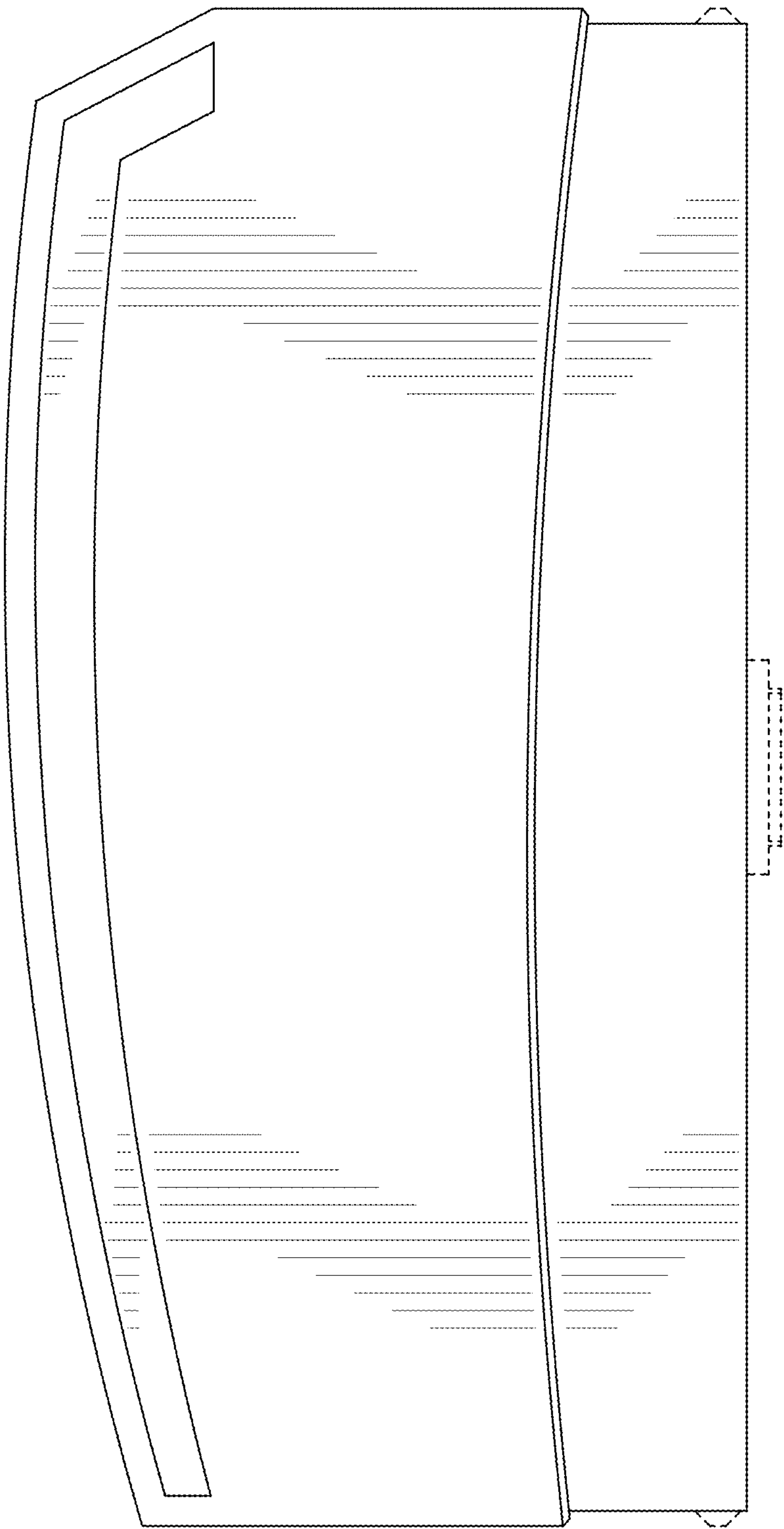


FIG. 5

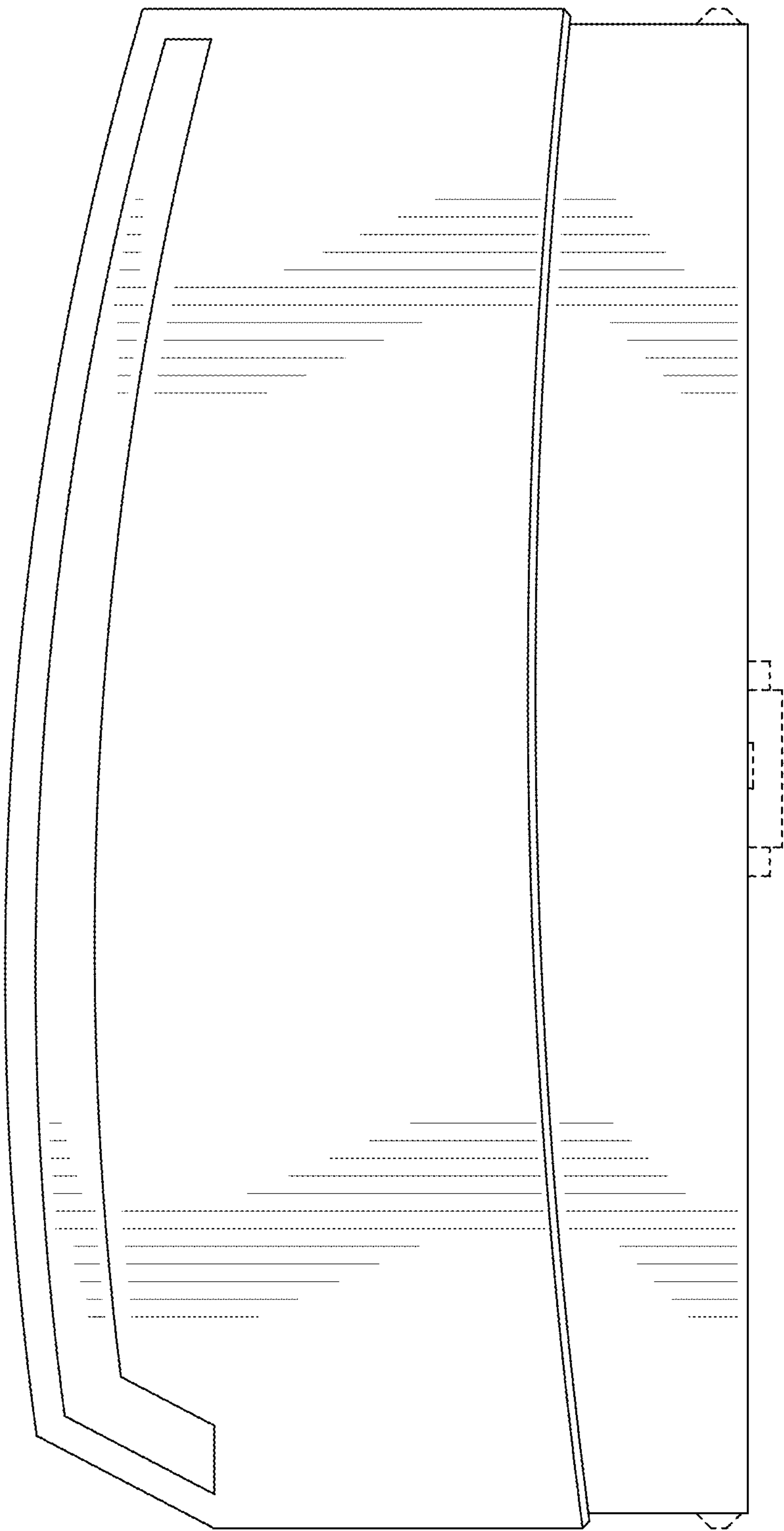


FIG. 6

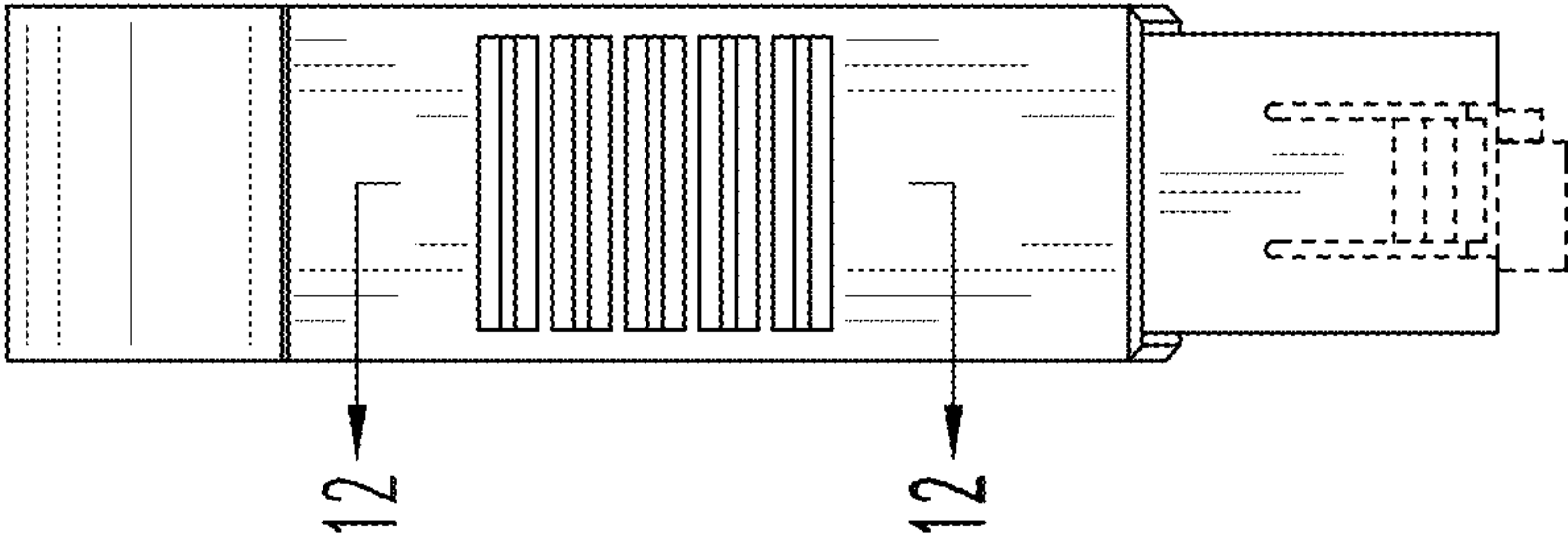


FIG. 7

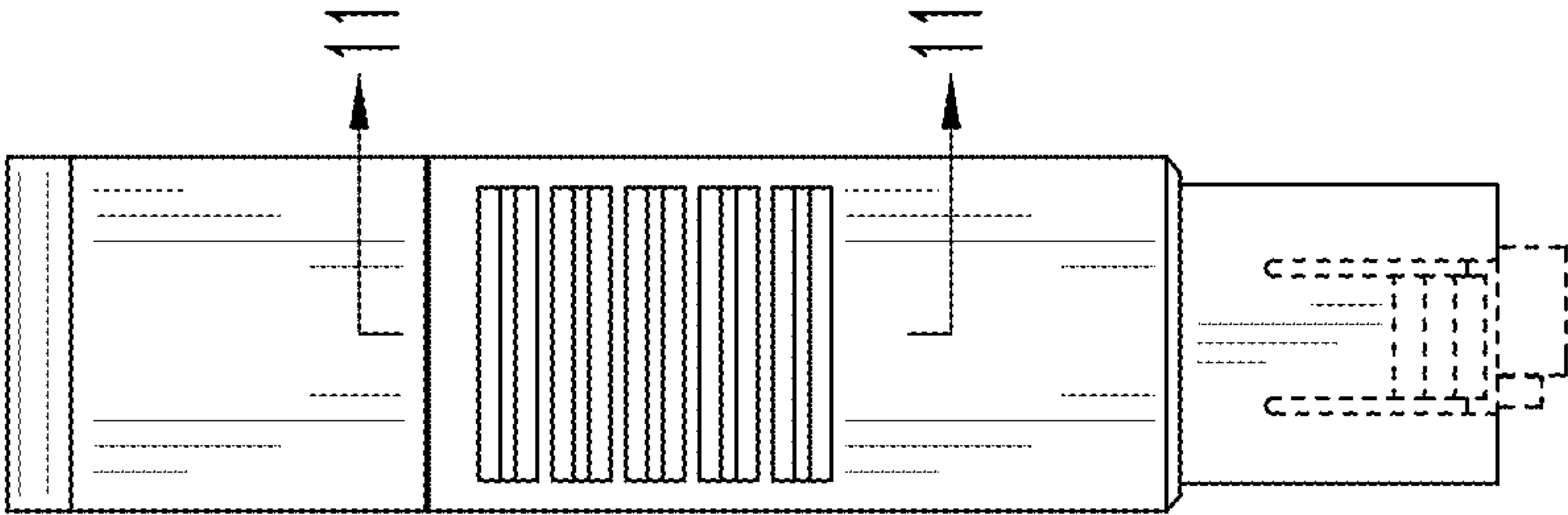


FIG. 8

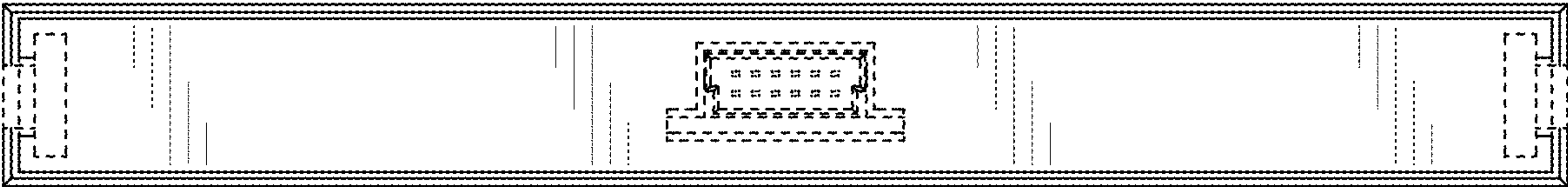


FIG. 9

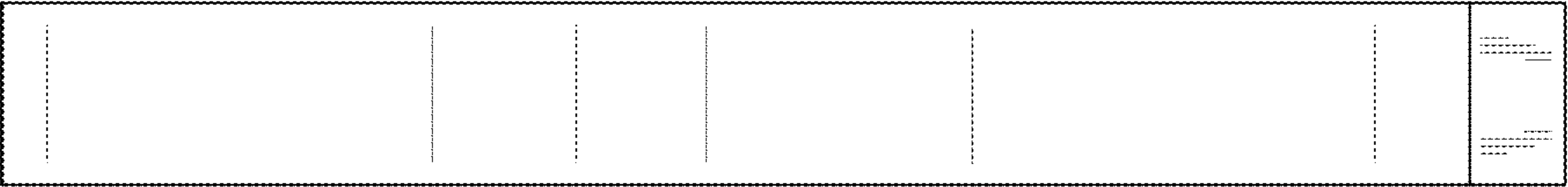


FIG. 10

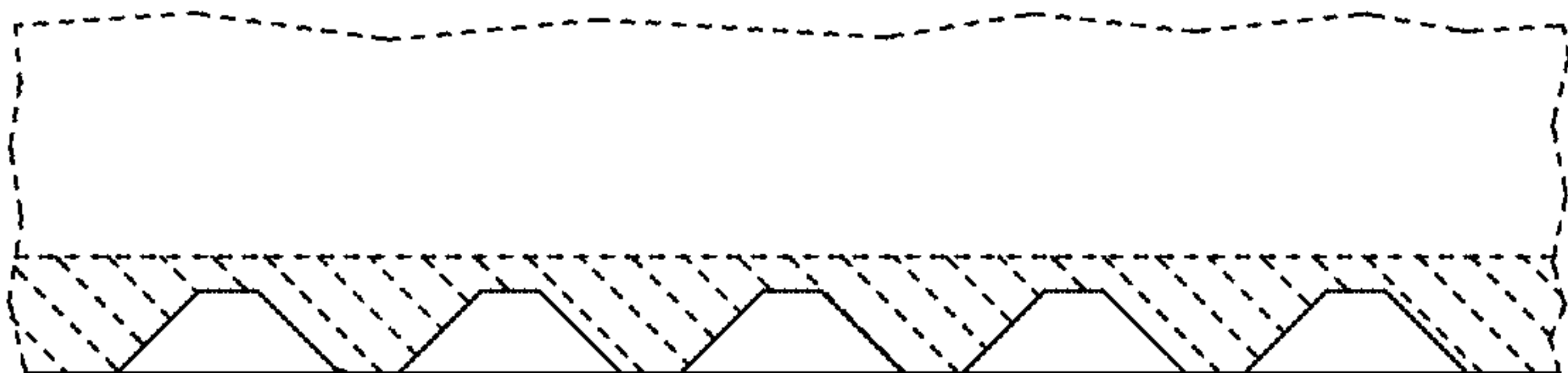


FIG. 12

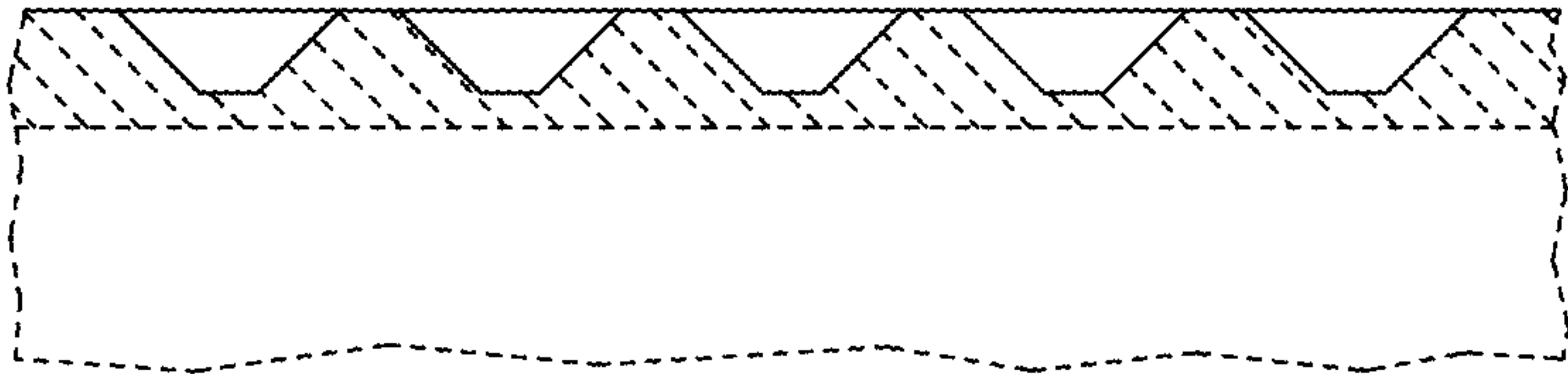


FIG. 11