



US00D831578S

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

(10) **Patent No.:** **US D831,578 S**

(45) **Date of Patent:** **** Oct. 23, 2018**

- (54) **FIBER OPTIC CLOSURE**
- (71) Applicant: **CCS Technology, Inc.**, Wilmington, DE (US)
- (72) Inventors: **Jedrzej Bubas**, Lodz (PL); **Tomasz Andrzej Ciechomski**, Lowicz (PL)
- (73) Assignee: **Corning Optical Communications LLC**, Hickory, NC (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/582,529**
- (22) Filed: **Oct. 28, 2016**
- (51) **LOC (11) Cl.** **13-03**
- (52) **U.S. Cl.**
USPC **D13/152**; D13/184
- (58) **Field of Classification Search**
USPC D13/152, 155, 184; D14/140.4
CPC ... G02B 6/4441; H04W 88/085; H04W 88/10
See application file for complete search history.

7,869,681 B2	1/2011	Battey et al.	
8,532,490 B2 *	9/2013	Smith	H04B 10/25754
			398/72
2006/0093303 A1 *	5/2006	Reagan	G02B 6/4466
			385/135
2006/0147172 A1 *	7/2006	Luther	G02B 6/4441
			385/135
2009/0060439 A1 *	3/2009	Cox	G02B 6/3897
			385/135
2009/0123115 A1 *	5/2009	Gronvall	G02B 6/4441
			385/76
2009/0220204 A1 *	9/2009	Ruiz	G02B 6/4454
			385/135
2011/0222829 A1 *	9/2011	Loeffelholz	G02B 6/4441
			385/135
2013/0004122 A1 *	1/2013	Kingsbury	G02B 6/4471
			385/31
2013/0195418 A1 *	8/2013	Mudd	G02B 6/4475
			385/135

(Continued)

Primary Examiner — Selina Sikder

(74) *Attorney, Agent, or Firm* — Robert L. Branham

(57) **CLAIM**

The ornamental design for fiber optic closure, as shown and described.

(56) **References Cited**

U.S. PATENT DOCUMENTS

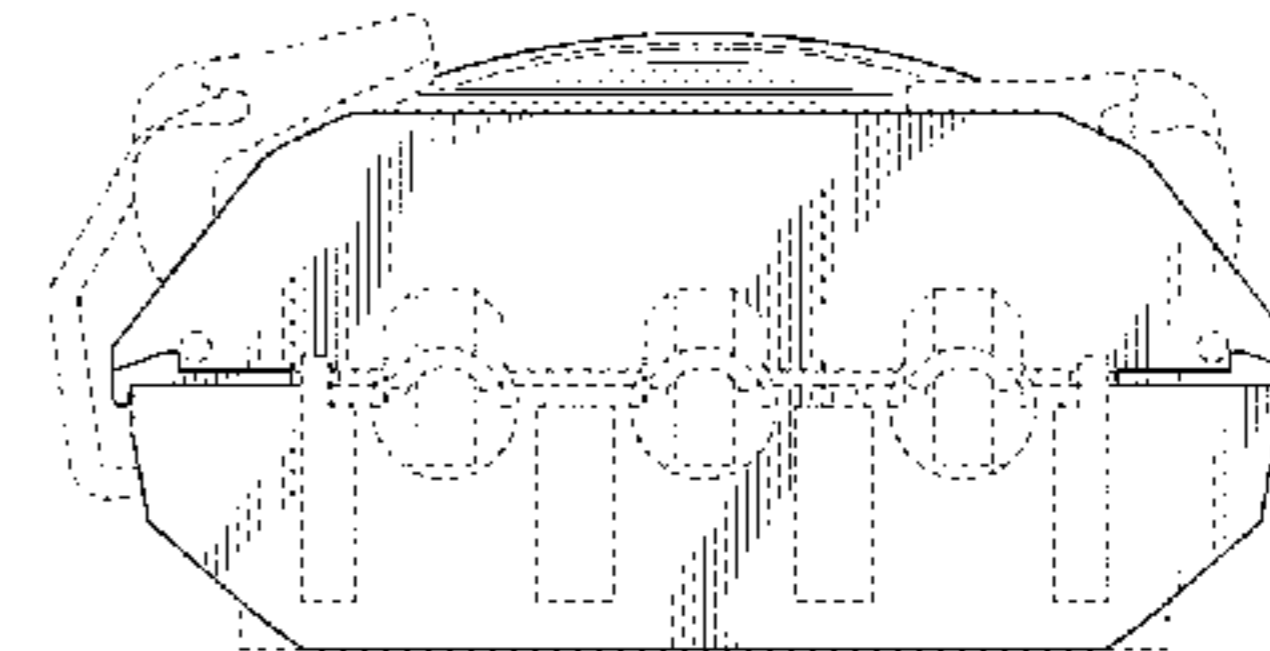
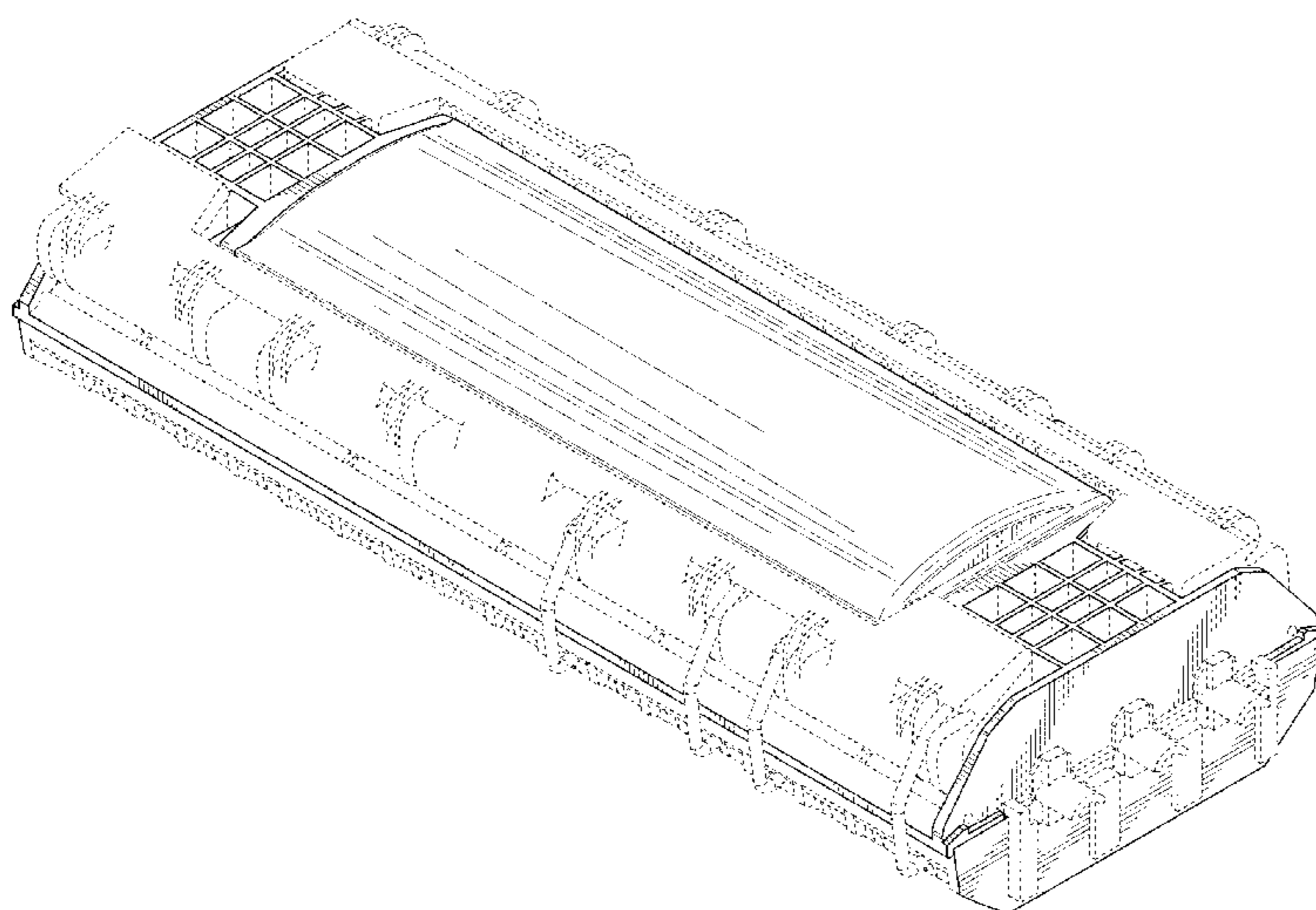
5,459,808 A *	10/1995	Keith	G02B 6/4441
			385/134
D370,891 S *	6/1996	Keith	D13/184
5,694,511 A *	12/1997	Pimpinella	G02B 6/4452
			385/134
D421,965 S *	3/2000	Johnston	D13/147
D431,532 S *	10/2000	Noble	D13/152
6,621,975 B2	9/2003	Laporte et al.	
D484,469 S *	12/2003	Thibault	D13/184
6,766,094 B2	7/2004	Smith et al.	
6,798,967 B2	9/2004	Battey et al.	
D498,211 S *	11/2004	Thibault	D13/155
7,740,409 B2 *	6/2010	Bolton	G02B 6/4441
			385/139
7,844,158 B2 *	11/2010	Gronvall	G02B 6/4471
			385/135

DESCRIPTION

FIG. 1 is a front perspective view of a fiber optic closure;
 FIG. 2 is a top view thereof;
 FIG. 3 is a bottom view thereof;
 FIG. 4 is a right view thereof;
 FIG. 5 is a left view thereof;
 FIG. 6 is a front view thereof; and,
 FIG. 7 is a rear view thereof.

The broken lines in the drawings are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0371118 A1* 12/2017 Vaughn G02B 6/4441
2018/0059348 A1* 3/2018 Burkett G02B 6/4441

* cited by examiner

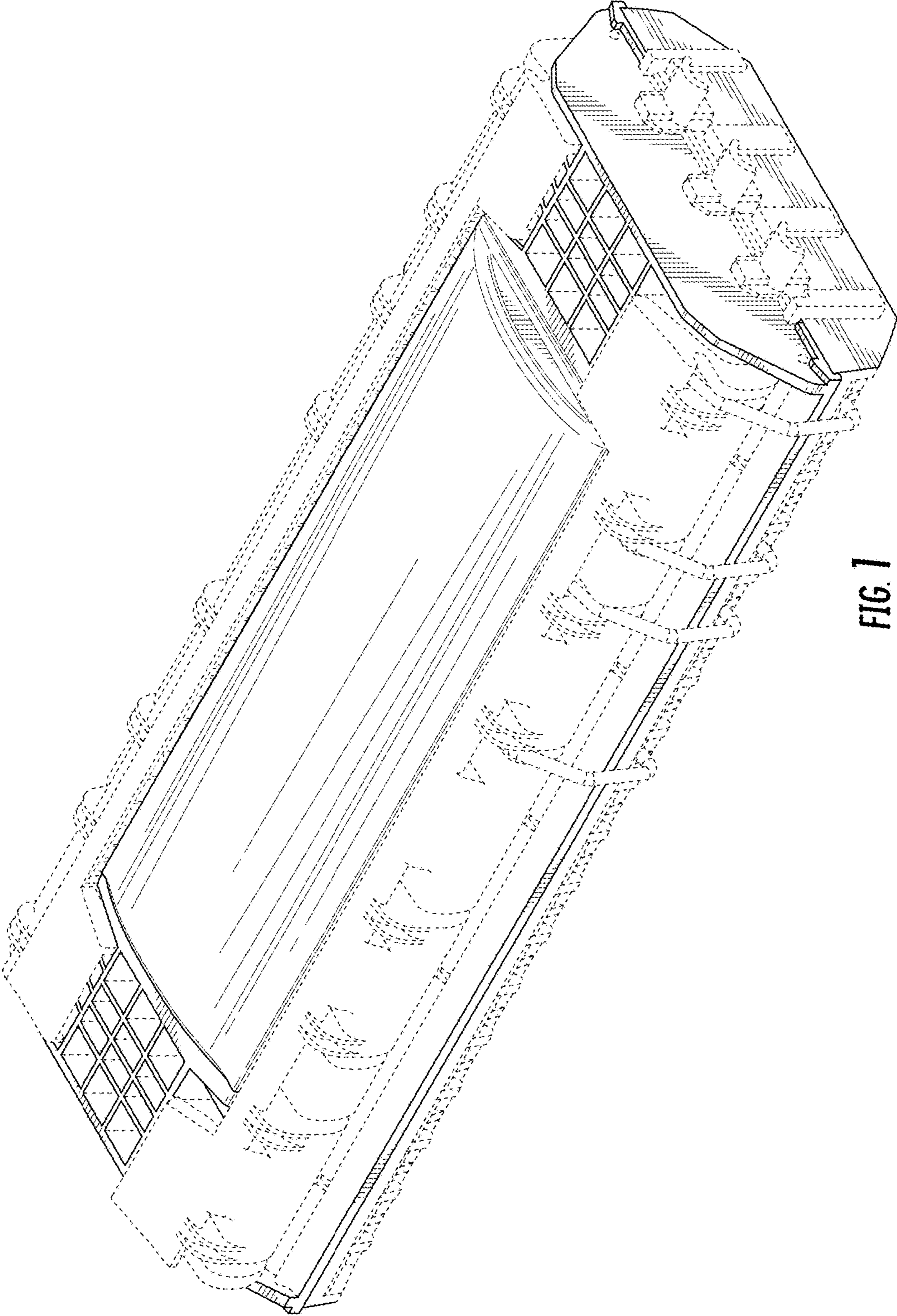


FIG. 1

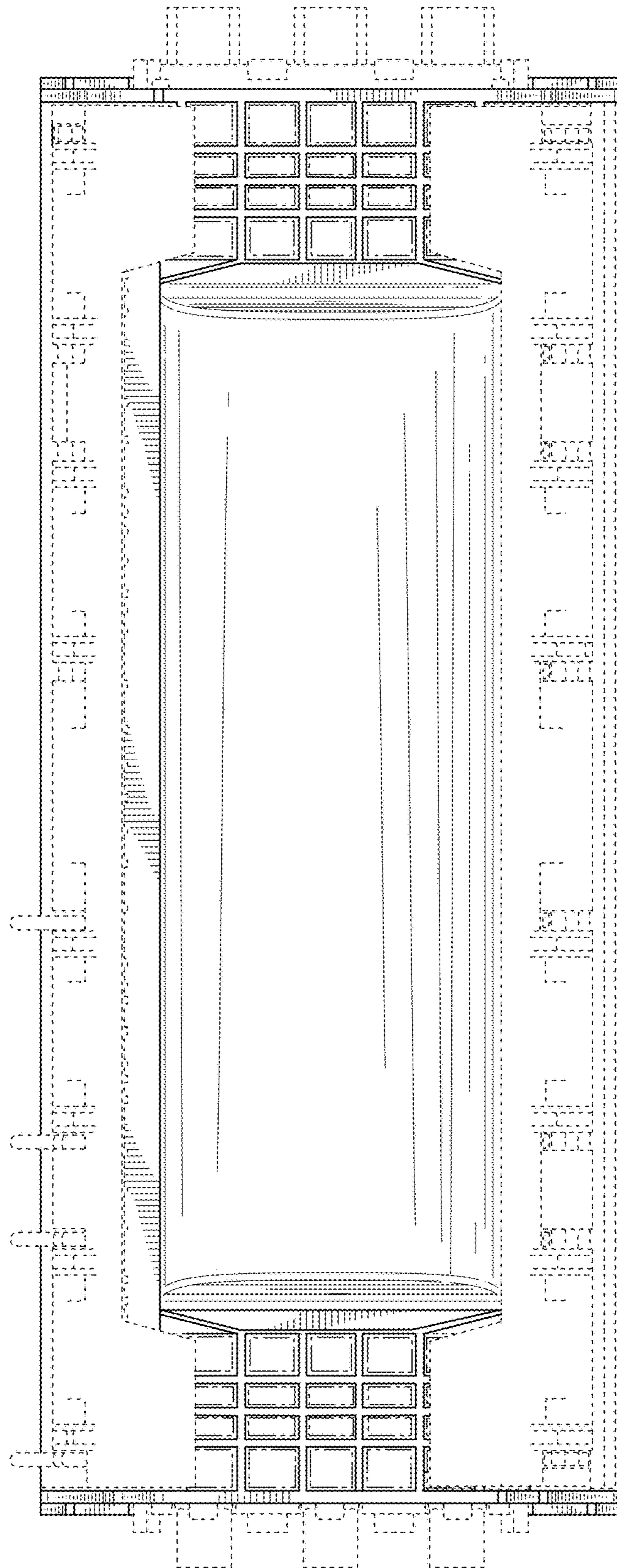


FIG. 2

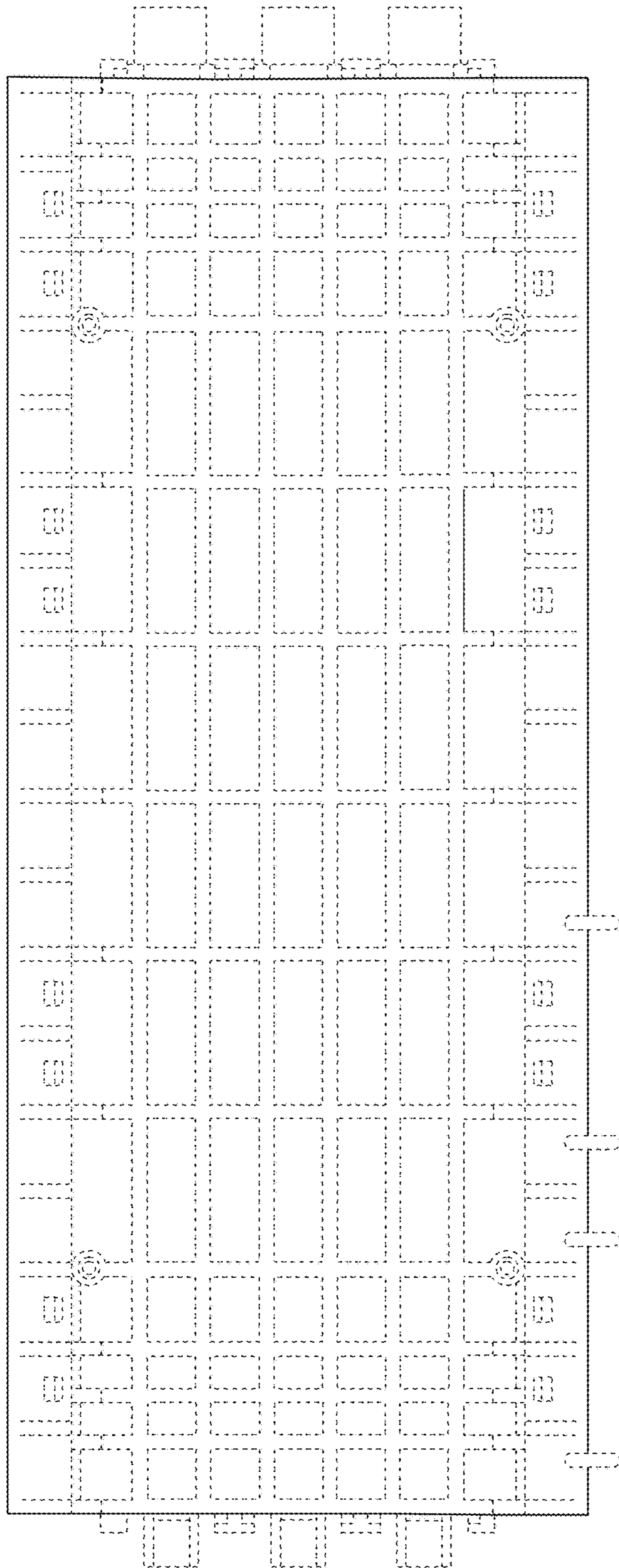


FIG. 3

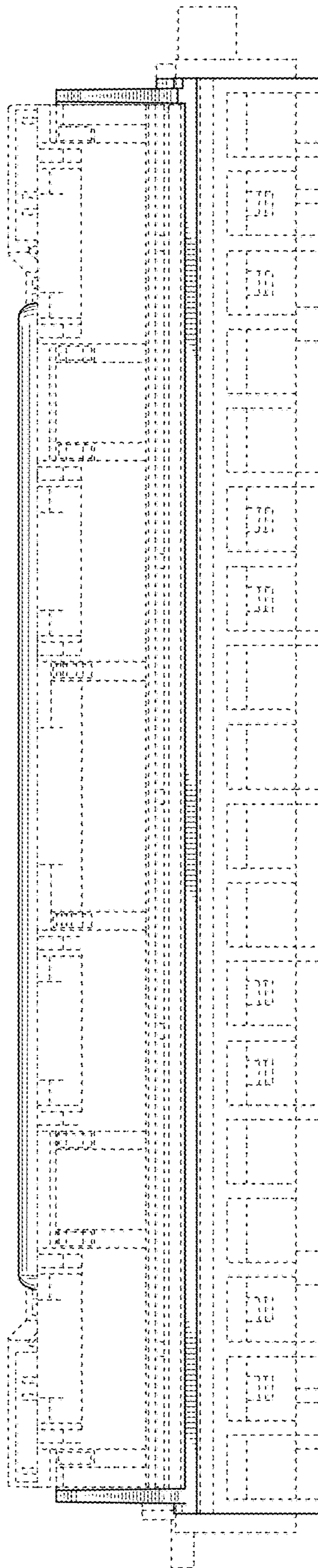


FIG. 4

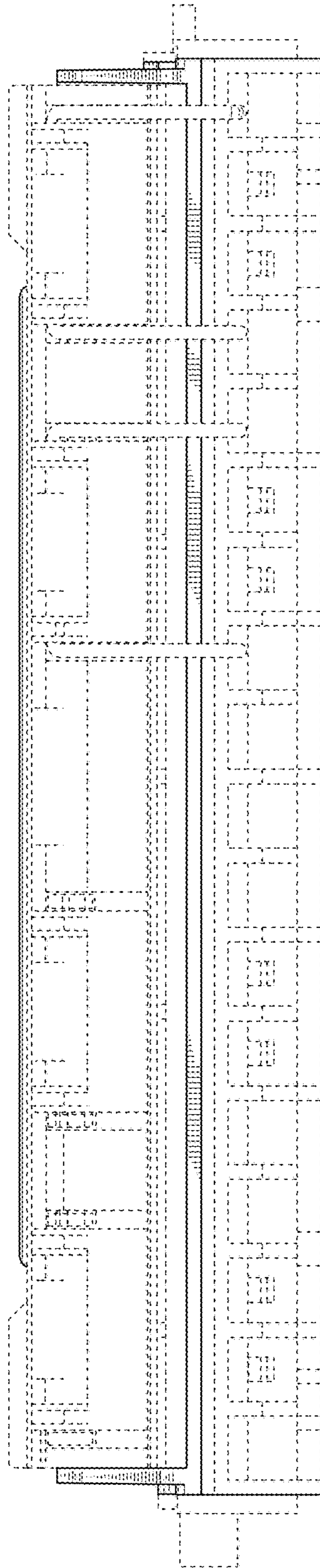


FIG. 5

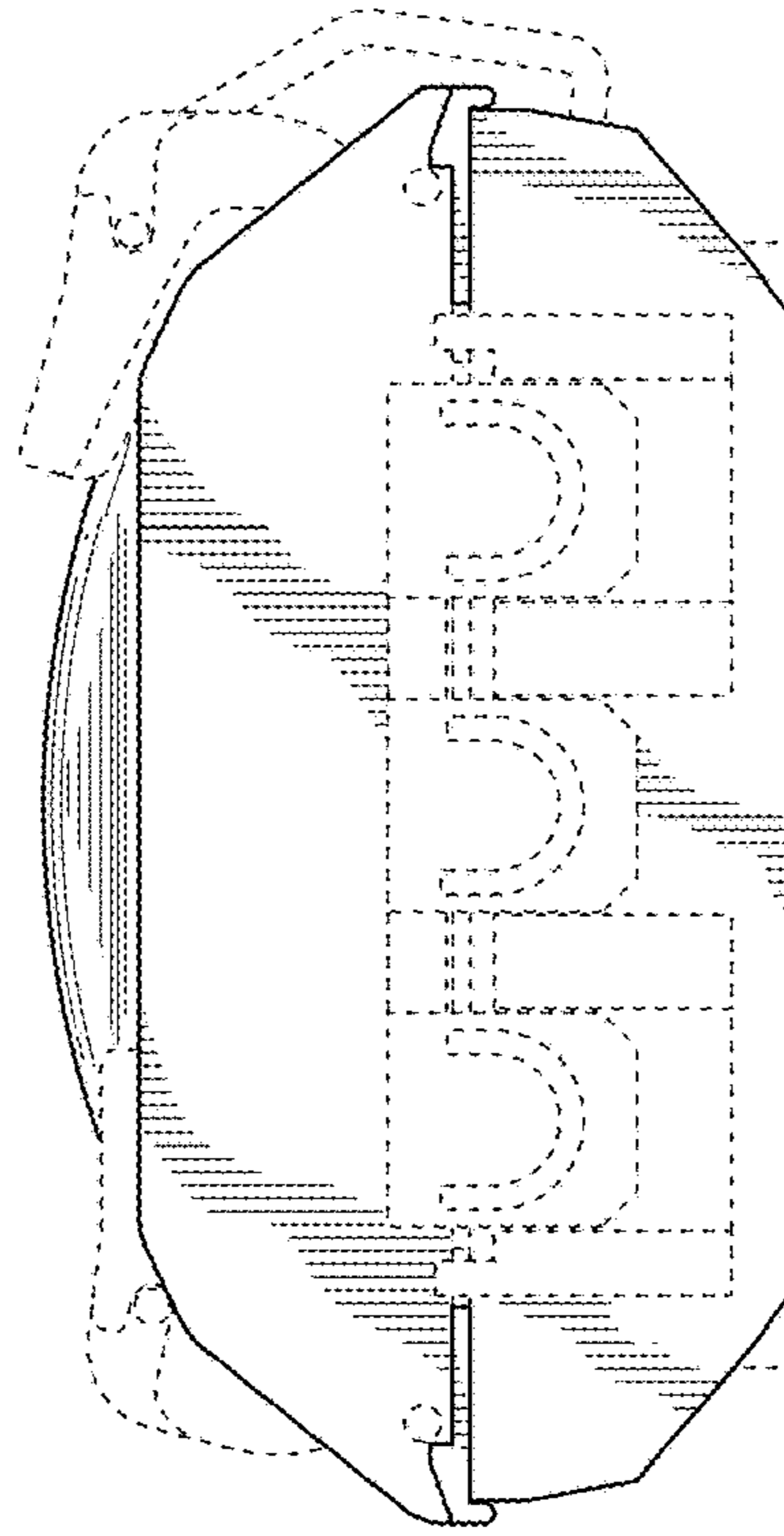


FIG. 6

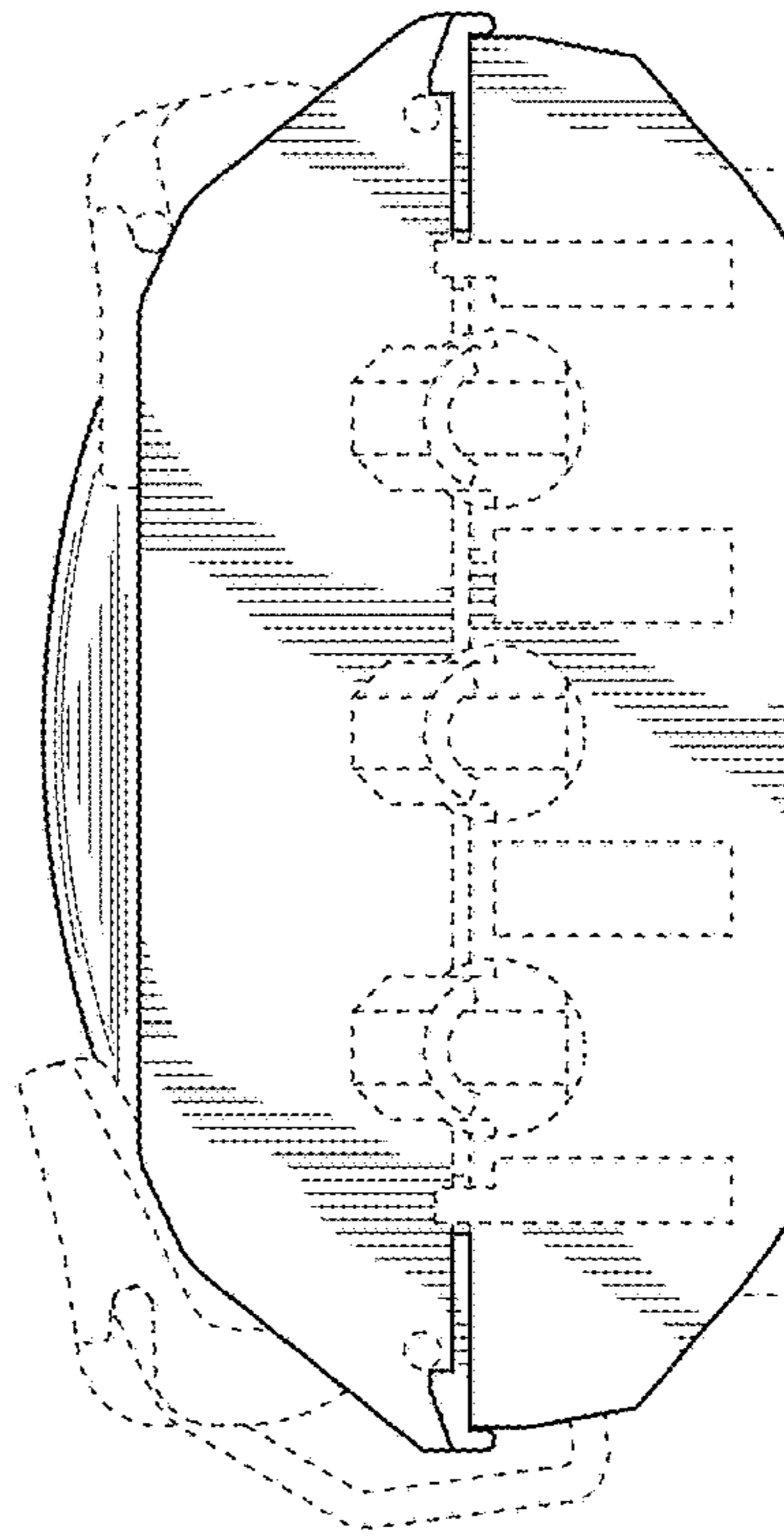


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D831,578 S
APPLICATION NO. : 29/582529
DATED : October 23, 2018
INVENTOR(S) : Jedrzej Bubas et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

In Column 1, item (71), Applicant, Lines 1-2, delete "CCS Technology, Inc., Wilmington, DE (US)" and insert -- Corning Optical Communications LLC, Hickory, NC (US) --, therefor.

Signed and Sealed this
Twenty-ninth Day of October, 2024



Katherine Kelly Vidal
Director of the United States Patent and Trademark Office