



US00D629284S

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

(10) **Patent No.:** **US D629,284 S**
(45) **Date of Patent:** **** Dec. 21, 2010**

(54) **BALUSTER CONNECTOR**

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(73) Assignee: **Fiber Composites, LLC**, New London, NC (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/344,216**

(22) Filed: **Sep. 25, 2009**

(51) **LOC (9) Cl.** **08-05**

(52) **U.S. Cl.** **D8/354; D13/133**

(58) **Field of Classification Search** D8/349,
D8/354, 356, 366, 373, 380, 382, 394, 395,
D8/381, 363; D25/38, 40-44, 126, 128;
D13/133, 147, 154, 184; D14/229; 52/182,
52/184-188, 298, 832; 248/201, 279, 286,
248/0.1, 302; 256/21-24, 45, 49, 64, 65.01-65.11,
256/67, 29; 403/61, 116; 439/352, 357,
439/360, 668, 680, 378, 607-610; 33/558.02,
33/613, 645

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,772,159	A	8/1930	Roth
3,955,800	A	5/1976	Russo
3,991,982	A	11/1976	Yamamoto
D298,011	S	10/1988	Jans
4,886,245	A	12/1989	Manzo
D334,815	S	4/1993	Bunger
6,311,957	B1	11/2001	Driscoll et al.
D452,644	S	1/2002	Morita
D454,482	S	3/2002	Morita
6,471,192	B1	10/2002	Erwin
6,702,259	B2	3/2004	Pratt
6,805,335	B2	10/2004	Williams
6,807,788	B1	10/2004	Terry
6,889,960	B1	5/2005	Jones
6,932,329	B1	8/2005	Harder
D519,650	S	4/2006	Rosian

7,044,448	B1	5/2006	Jones
D544,107	S	6/2007	Timothy
7,278,240	B2	10/2007	Burkart et al.
D556,559	S	12/2007	Jones et al.

(Continued)

OTHER PUBLICATIONS

Fiberon Horizon Plus, "Ultra Low Maintenance Composite Railing Installation Guidelines," Fiber Composites, LLC, Copyright 2008, dated Jan. 2008, 10 pages.

(Continued)

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(57) **CLAIM**

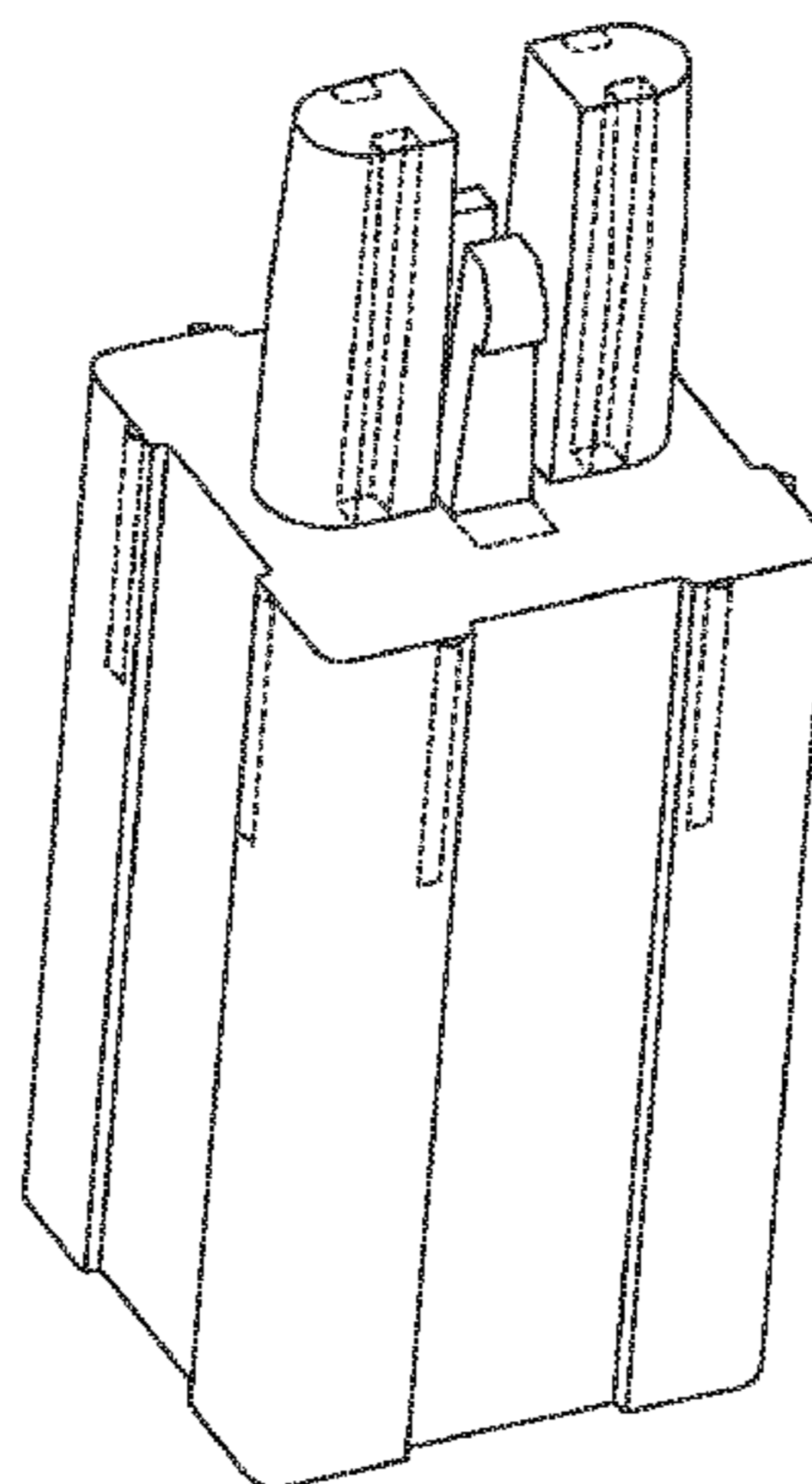
The ornamental design for a baluster connector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the baluster connector;
FIG. 2 is top view of the baluster connector;
FIG. 3 is a bottom view of the baluster connector;
FIG. 4 is a left side view of the baluster connector;
FIG. 5 is a right side view of the baluster connector;
FIG. 6 is a front view of the baluster connector; and,
FIG. 7 is a rear view of the baluster connector.

Certain features of the baluster connector are shown in uneven broken lines for illustrative purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



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U.S. PATENT DOCUMENTS

D558,144 S * 12/2007 Chien et al. D13/133
D585,827 S * 2/2009 Lin et al. D13/133
D588,989 S * 3/2009 Kok D13/133
D589,882 S * 4/2009 Kok et al. D13/133
D618,174 S * 6/2010 Chiang D13/133
2004/0025452 A1 2/2004 McLean
2004/0089858 A1 5/2004 DeRogatis et al.
2006/0107613 A1 5/2006 Chung
2006/0175592 A1 8/2006 DeRogatis et al.

OTHER PUBLICATIONS

Fiberon, "Product Guide," dated Mar. 2009, 36 pages.
Azek Building Products, "Railing Installation Guidelines," Copyright 2009, 8 pages.
Fiber Composites, LLC, "2007 Line Baluster Insert," Drawing No. 050-0023, dated Jul. 20, 2006, 1 page.
Fiber Composites, LLC, "2007 Stair Baluster Insert," Drawing No. 050-0024, dated Jul. 20, 2006, 1 page.
Rendering of exploded composite railing system, including baluster connector, on sale prior to Jul. 2006, 1 page.

* cited by examiner

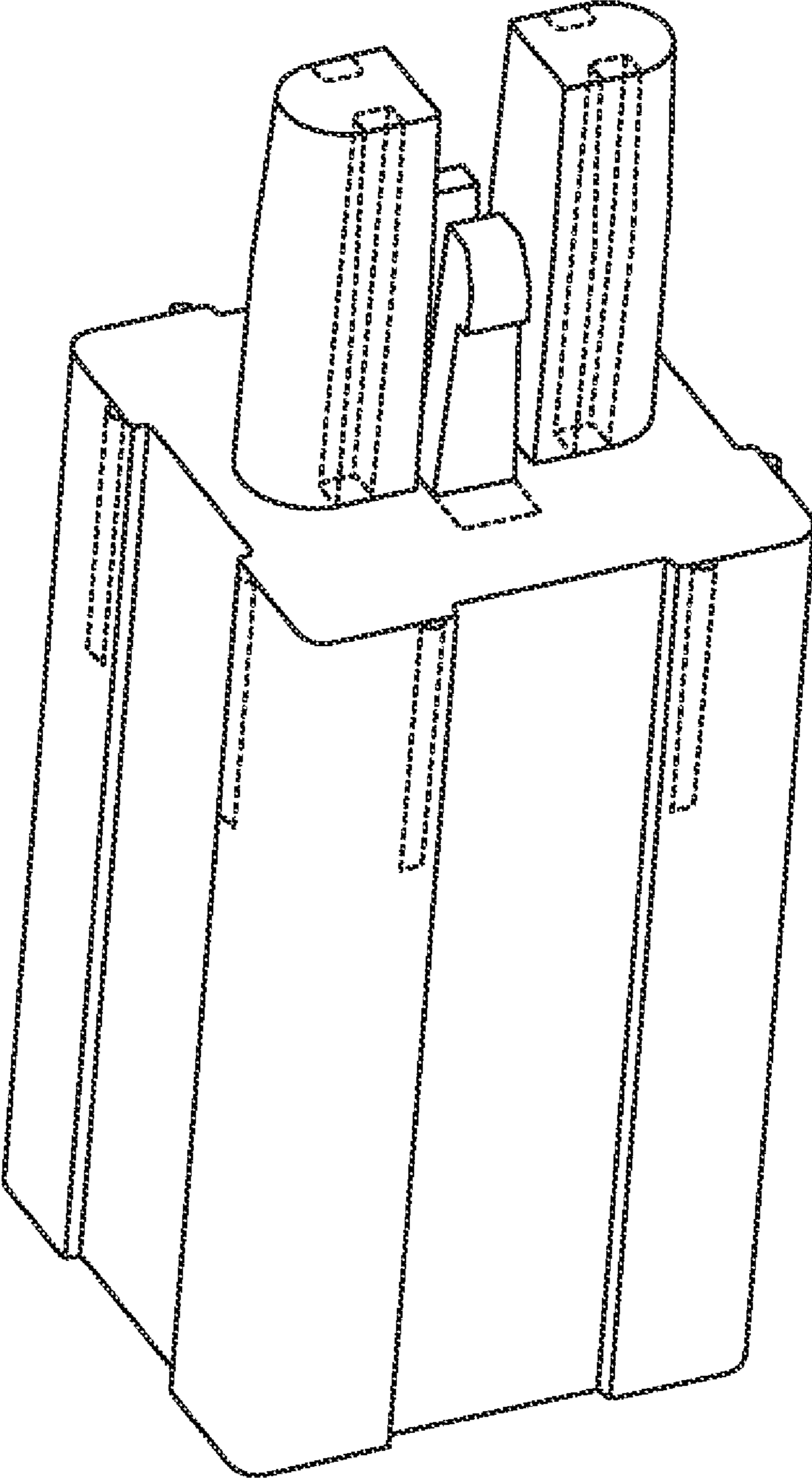


FIG. 1

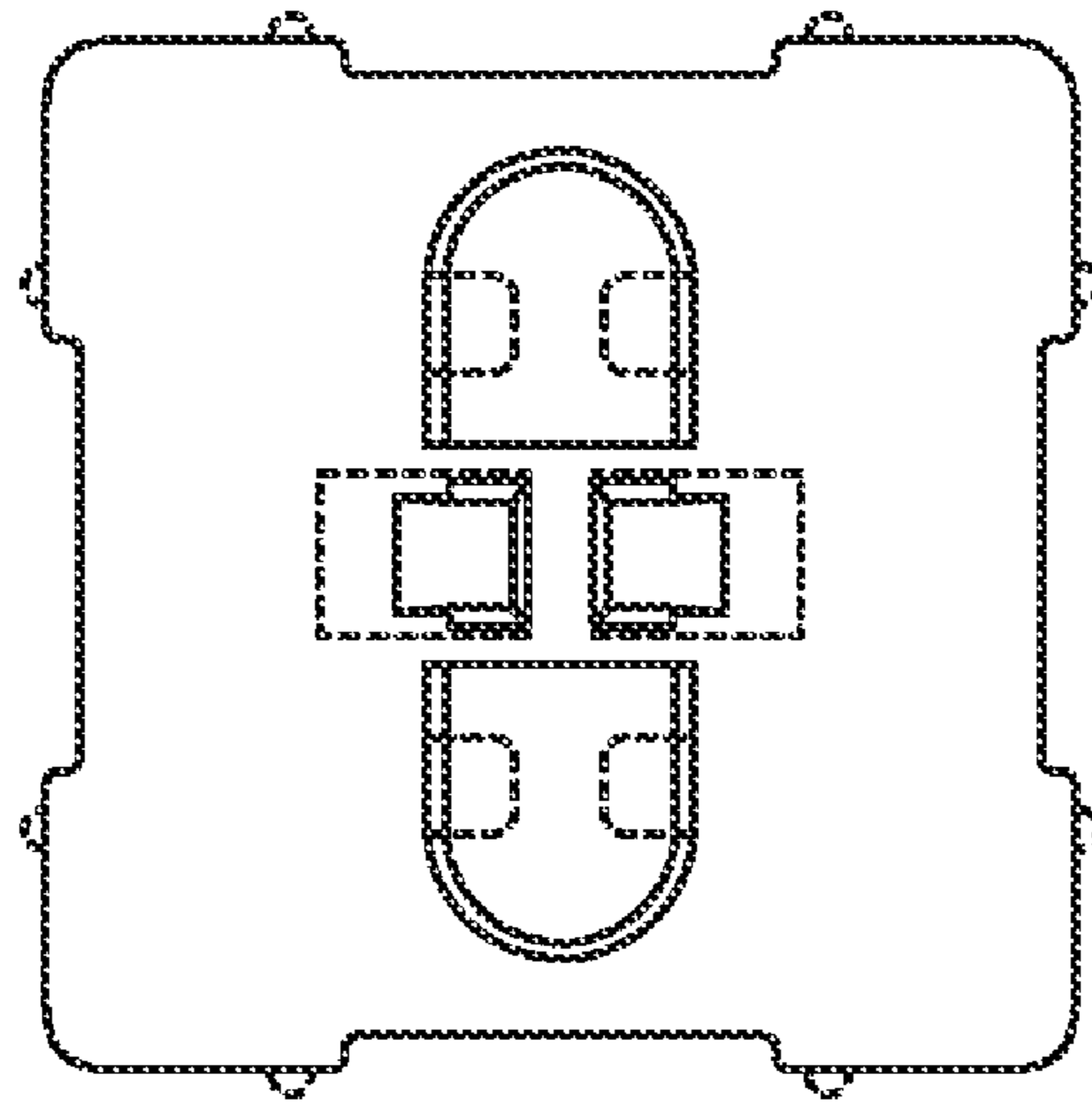


FIG. 2

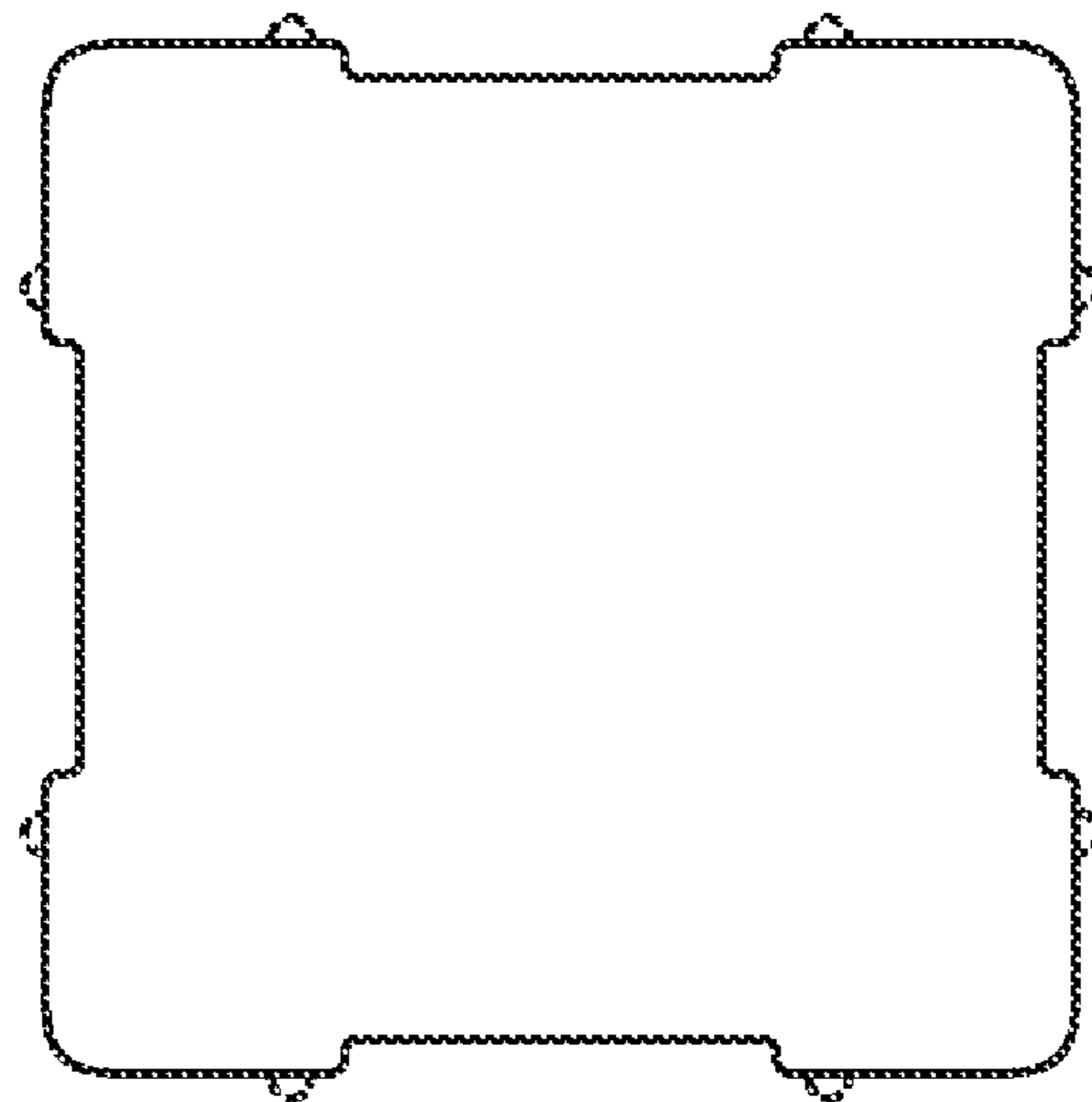


FIG. 3

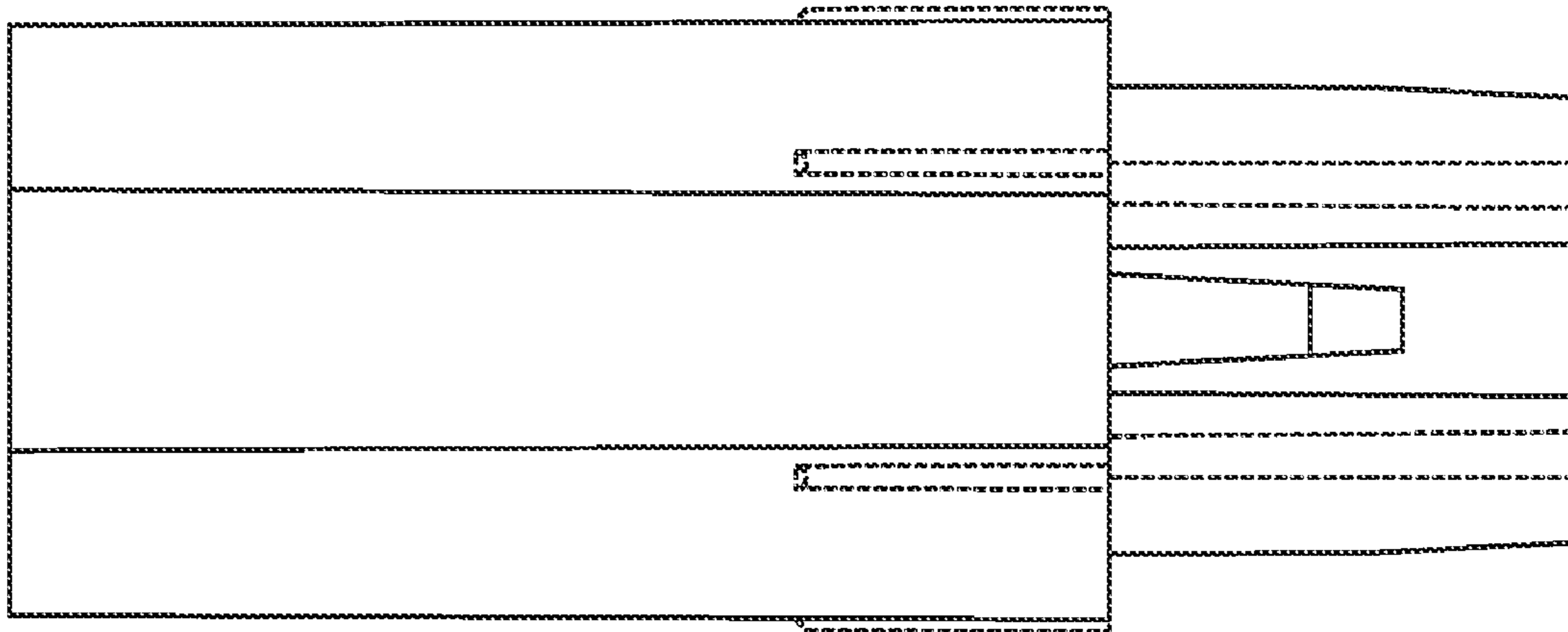


FIG. 4

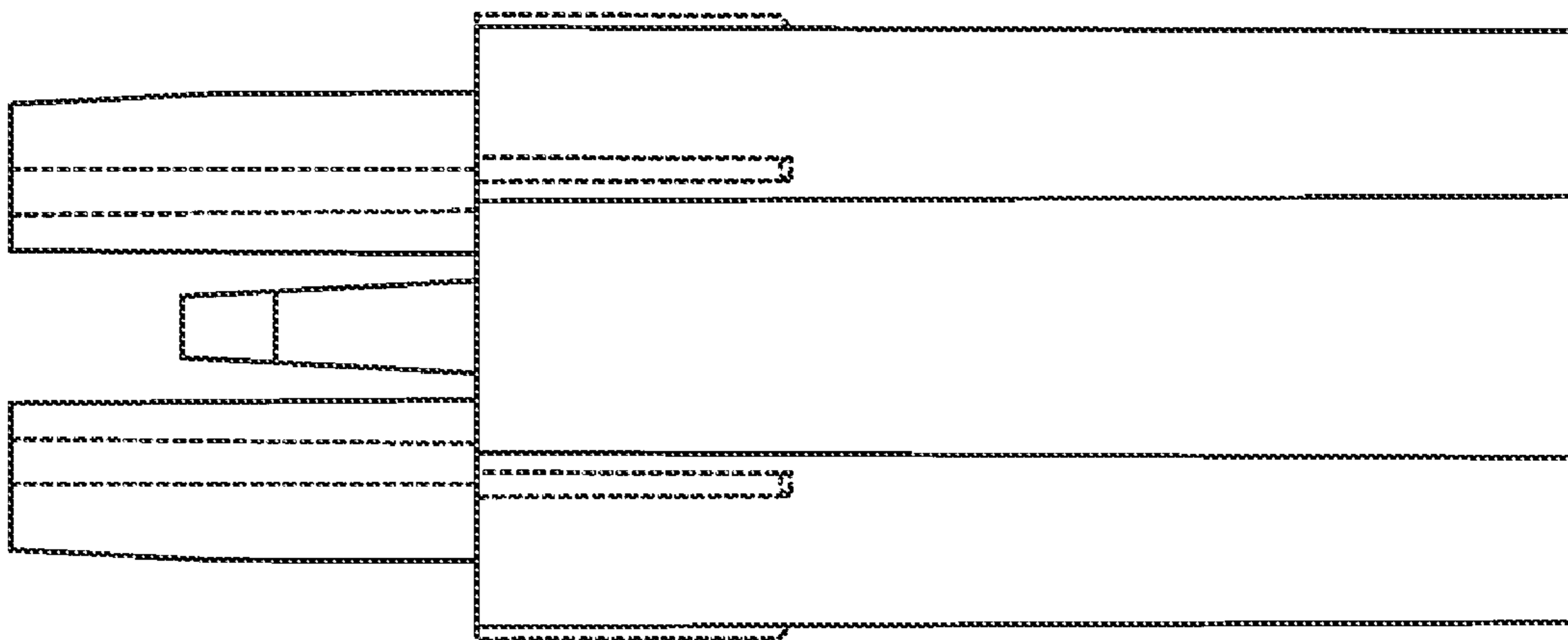


FIG. 5

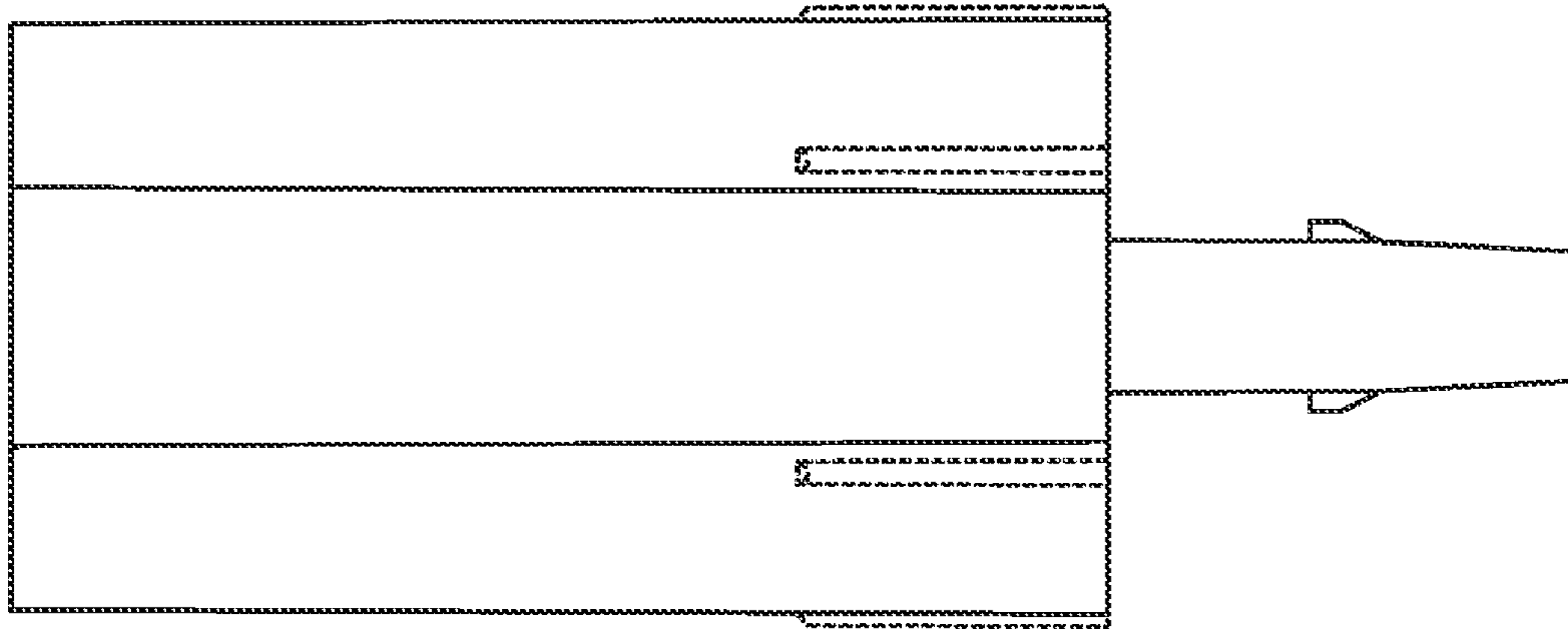


FIG. 6

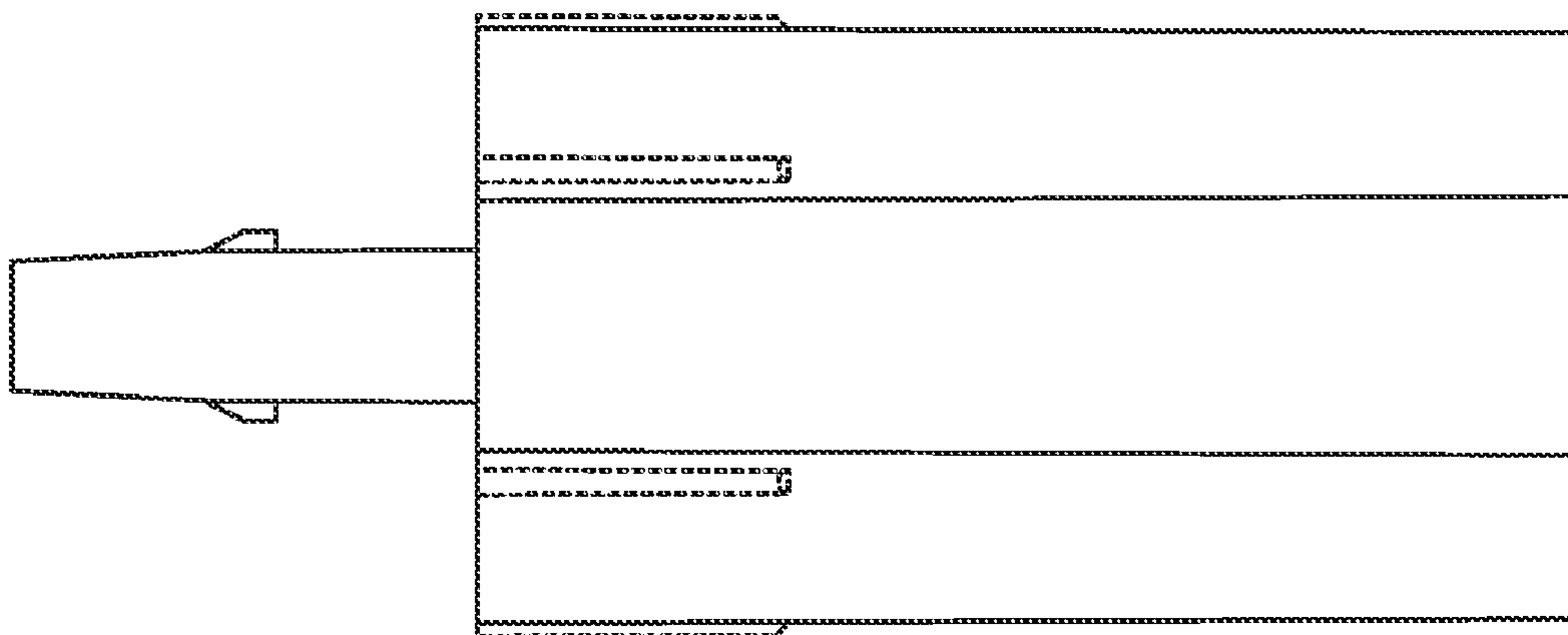


FIG. 7