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(12) **United States Design Patent** (10) **Patent No.:** **US D954,301 S**  
**Hendry** (45) **Date of Patent:** **\*\* Jun. 7, 2022**

(54) **STRUCTURAL BEAM FOR A SCREEN ENCLOSURE**

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(52) **U.S. Cl.**  
USPC ..... **D25/131**

(58) **Field of Classification Search**

USPC ..... D25/119, 125, 126, 127, 128, 129, 130, D25/131, 132, 133, 134, 135, 136, 61, D25/164

CPC ..... E04B 9/068; E04B 1/19; E04B 1/1903; E04B 1/24; E04B 1/2403; E04B 1/40; E04B 2001/2415; E04B 2001/2421; E04B 2001/2451; E04C 3/07; E04C 2003/046; E04C 3/04; E04C 3/06; E04H 12/2269; E04H 12/24; E04H 15/34; E04H 17/1421

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

748,549 A 10/1903 Zed et al.  
1,430,809 A 10/1922 Ilseng  
1,788,096 A 1/1931 Friedemann  
2,101,349 A 12/1937 Sharp  
2,632,535 A 3/1953 Clerk  
2,708,828 A 5/1955 Pruyne

(Continued)

**FOREIGN PATENT DOCUMENTS**

CH 452154 A 5/1968  
CN 204983145 U 1/2016

(Continued)

**OTHER PUBLICATIONS**

Screened Wall Systems <[http://www.screen-house.com/screenroom\\_three\\_season\\_walls.htm](http://www.screen-house.com/screenroom_three_season_walls.htm)> Jul. 18, 2017/(Year: 2017).

(Continued)

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(57) **CLAIM**

The ornamental design for a structural beam for a screen enclosure, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view illustrating my design for a structural beam for a screen enclosure.

FIG. 2 is a bottom perspective view thereof.

FIG. 3 is a front view thereof.

FIG. 4 is a rear view thereof.

FIG. 5 is a left side view thereof.

FIG. 6 is a right side view thereof.

FIG. 7 is a bottom view thereof.

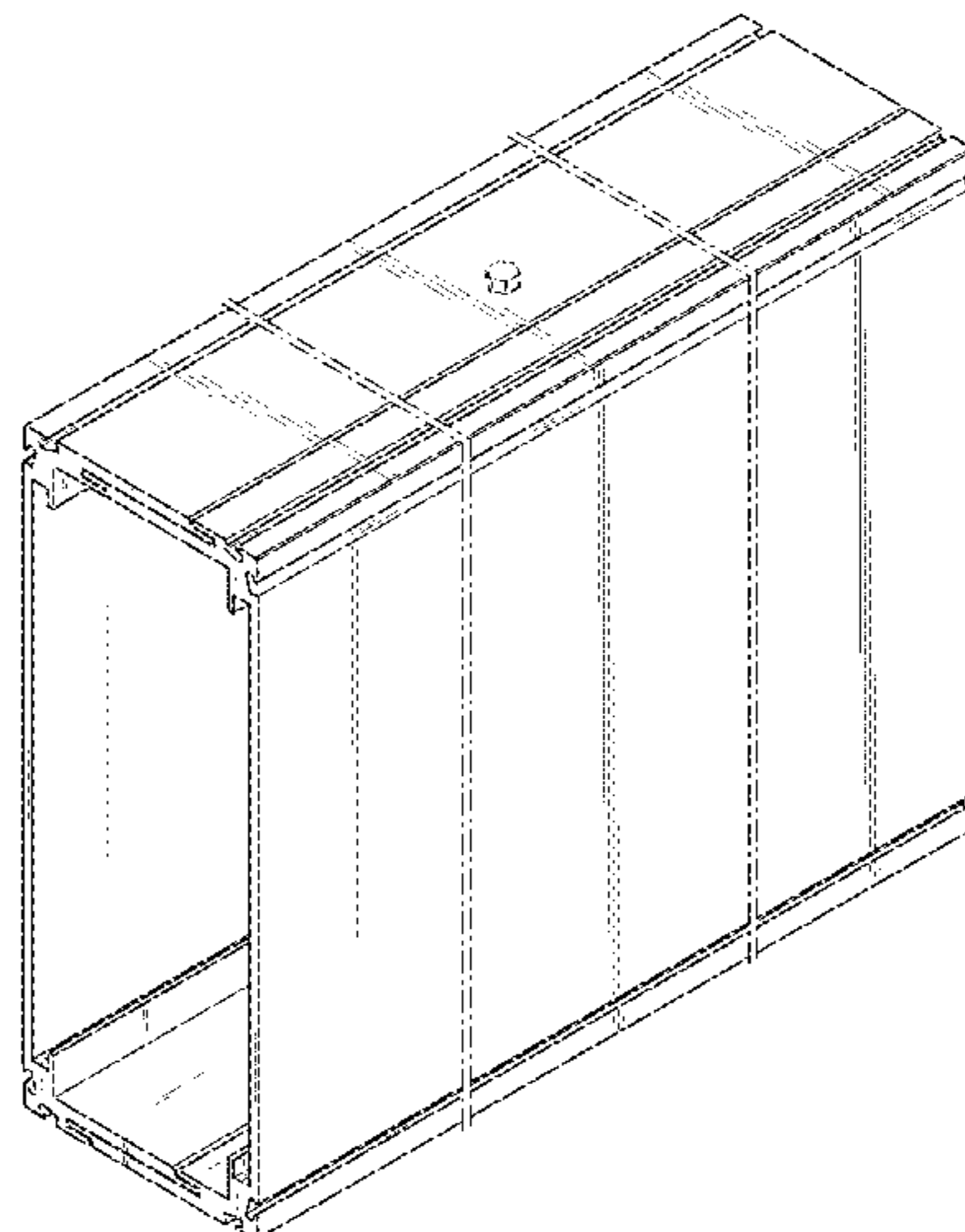
FIG. 8 is a top view thereof.

FIG. 9 is an exploded top perspective view thereof, shown in a reduced scale of ninety five percent (95%) from FIGS. 1 through 8; and,

FIG. 10 is an exploded bottom perspective view thereof, shown in a reduced scale of ninety-five percent (95%) from FIGS. 1 through 8.

FIGS. 1-2 and 5-10 include symbolic breaks illustrated as dash-dot-dash lines. The symbolic break lines and the areas between the symbolic break lines form no part of the claimed design. The dash-dash-dash lines shown in FIGS. 1-10 represent portions of the article that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

2,714,944 A 8/1955 Bongiovanni  
 2,776,735 A 1/1957 Bancroft  
 2,918,153 A 12/1959 Hammitt et al.  
 3,119,635 A 1/1964 Dealy et al.  
 3,222,841 A \* 12/1965 Lipof ..... E06B 9/52  
 52/482  
 3,246,433 A 4/1966 Eriksson  
 3,255,769 A 6/1966 Lloyd  
 3,304,108 A 2/1967 Hamilton et al.  
 3,317,227 A 5/1967 Nijhuis  
 3,354,891 A 11/1967 Brown  
 3,386,590 A 6/1968 Gretz  
 3,532,369 A 10/1970 Reilly  
 3,561,801 A 2/1971 Chiu  
 3,620,558 A 11/1971 Macmillan  
 3,645,569 A 2/1972 Reilly  
 3,656,515 A 4/1972 Wogerbauer et al.  
 3,666,298 A 5/1972 Reilly  
 3,726,551 A 4/1973 Levenberg  
 3,782,054 A 1/1974 Goss, Jr.  
 3,784,043 A 1/1974 Presnick  
 3,786,612 A 1/1974 Baker  
 3,831,336 A 8/1974 Diemer  
 3,867,045 A 2/1975 Beals  
 3,886,710 A 6/1975 Krause et al.  
 3,922,101 A 11/1975 Salmon et al.  
 3,955,702 A 5/1976 Lundy  
 4,076,432 A 2/1978 Glaser  
 4,125,973 A 11/1978 Lendrihas  
 4,159,758 A 7/1979 Courson  
 4,315,386 A 2/1982 Clarke  
 4,323,319 A 4/1982 Adams  
 4,516,376 A 5/1985 King  
 4,570,391 A 2/1986 Quante et al.  
 4,570,406 A 2/1986 DiFazio  
 4,570,408 A 2/1986 Frascaroli et al.  
 4,718,184 A 1/1988 Sherman  
 4,718,213 A 1/1988 Butterfield  
 4,785,591 A 11/1988 Dahlen  
 4,831,804 A 5/1989 Sayer  
 4,841,688 A 6/1989 Rinaldi  
 4,960,343 A 10/1990 Reilly  
 D314,438 S \* 2/1991 Meyers ..... D25/11  
 5,079,860 A 1/1992 Nugent  
 5,144,780 A 9/1992 Gieling et al.  
 5,156,484 A 10/1992 Allen  
 5,203,135 A 4/1993 Bastian  
 5,383,723 A 1/1995 Meyer  
 5,451,115 A 9/1995 Sayres  
 5,485,705 A 1/1996 Guillemet  
 5,556,218 A 9/1996 Homer  
 D376,855 S 12/1996 Leung  
 5,605,410 A 2/1997 Pantev  
 D387,655 S 12/1997 Kopish  
 5,864,997 A 2/1999 Kelly  
 5,904,437 A 5/1999 Allen  
 5,997,117 A 12/1999 Krietzman  
 6,062,761 A 5/2000 Allen  
 6,067,760 A 5/2000 Nowell  
 6,279,288 B1 8/2001 Keil  
 6,279,289 B1 8/2001 Soder et al.  
 6,324,988 B1 12/2001 Svensson  
 6,338,226 B1 1/2002 Gauthier et al.  
 6,339,891 B1 1/2002 Cox  
 D454,962 S 3/2002 Grace  
 D471,992 S \* 3/2003 Hughes ..... D25/122  
 6,601,362 B1 8/2003 Prince  
 6,668,495 B1 12/2003 Prince  
 6,676,326 B2 1/2004 Wu  
 6,755,004 B1 6/2004 Power, Jr. et al.  
 6,826,885 B2 12/2004 Raskin et al.  
 7,004,667 B2 2/2006 Ludwig et al.  
 7,080,492 B1 7/2006 Guiller  
 7,155,874 B2 1/2007 Lee  
 7,223,044 B2 5/2007 Quintile

7,568,323 B2 8/2009 Shelton et al.  
 D600,831 S 9/2009 Munakata et al.  
 D603,065 S \* 10/2009 Hamilton ..... D25/126  
 7,628,563 B2 12/2009 Winkler  
 7,677,003 B2 3/2010 Baughn et al.  
 D616,114 S 5/2010 Harder  
 7,739,841 B1 6/2010 Puckett  
 7,832,180 B2 11/2010 Dolby  
 8,028,494 B2 10/2011 Denn et al.  
 8,151,533 B2 4/2012 Krieger  
 D666,743 S \* 9/2012 Teffenhart, Jr. .... D25/124  
 8,585,313 B2 11/2013 Wojotowicz et al.  
 8,672,280 B2 3/2014 Suci et al.  
 8,726,583 B2 5/2014 Verdecia et al.  
 8,756,900 B1 6/2014 Hudson et al.  
 D733,645 S 7/2015 Cai et al.  
 9,091,119 B2 7/2015 Kim  
 D739,960 S 9/2015 Britton  
 9,422,711 B1 \* 8/2016 Hendry ..... E04B 1/0046  
 D775,374 S \* 12/2016 Walker ..... D25/126  
 D775,741 S 1/2017 Kashiwagi et al.  
 9,605,425 B1 \* 3/2017 Hendry ..... E04B 1/0046  
 D783,390 S 4/2017 Nelson  
 D784,060 S \* 4/2017 Davidsen ..... D6/709  
 D787,094 S 5/2017 Britton  
 D790,730 S 6/2017 Perez  
 D815,758 S \* 4/2018 Hendry ..... D25/126  
 D818,293 S \* 5/2018 Muller ..... D6/709  
 D823,666 S 7/2018 MacDonald et al.  
 D823,667 S 7/2018 MacDonald et al.  
 D823,668 S 7/2018 MacDonald et al.  
 D823,669 S 7/2018 MacDonald et al.  
 D823,670 S 7/2018 MacDonald et al.  
 D826,692 S 8/2018 MacDonald et al.  
 D827,414 S 9/2018 MacDonald et al.  
 D827,416 S 9/2018 MacDonald et al.  
 10,066,384 B1 9/2018 Hendry  
 D830,545 S 10/2018 Loughren et al.  
 D834,396 S 11/2018 MacDonald et al.  
 D834,920 S 12/2018 MacDonald et al.  
 D835,301 S 12/2018 Lee  
 D839,075 S 1/2019 MacDonald et al.  
 10,316,508 B1 6/2019 Hendry  
 D854,710 S \* 7/2019 Hendry ..... D25/126  
 D856,781 S 8/2019 Hendry  
 D879,326 S \* 3/2020 Hendry ..... D25/61  
 10,640,968 B2 5/2020 Teffenhart, Jr.  
 10,738,457 B1 8/2020 Hendry  
 11,072,922 B2 7/2021 Teffenhart, Jr.  
 2004/0035082 A1 2/2004 Hudoba et al.  
 2005/0193680 A1 9/2005 Wang  
 2006/0115324 A1 6/2006 Zenda et al.  
 2007/0074480 A1 4/2007 Kleila et al.  
 2007/0130786 A1 6/2007 Wu  
 2007/0180786 A1 8/2007 Sotuyo  
 2007/0266671 A1 11/2007 Chromy  
 2008/0016816 A1 \* 1/2008 Kim ..... E04C 3/32  
 52/633  
 2008/0190068 A1 8/2008 Tapscott et al.  
 2013/0272777 A1 10/2013 Hayter et al.  
 2014/0083046 A1 3/2014 Yang  
 2014/0250821 A1 9/2014 Strickland et al.  
 2014/0311076 A1 \* 10/2014 Ishaque ..... E04F 13/0876  
 52/404.2  
 2015/0121788 A1 5/2015 Kim  
 2016/0138261 A1 5/2016 Zhang et al.  
 2017/0321446 A1 11/2017 Antinolfi  
 2018/0094418 A1 4/2018 Winter  
 2018/0094426 A1 4/2018 Winter

FOREIGN PATENT DOCUMENTS

CN 303693360 6/2016  
 DE 4112181 A1 10/1992  
 DE 202014103897 U1 9/2014  
 EP 1134328 A1 5/2004  
 EP 2988007 A1 3/2012  
 EP 2988007 A1 2/2016  
 GB 1009846 A 11/1965



(56)

**References Cited**

FOREIGN PATENT DOCUMENTS

WO	9421867	A1	9/1994
WO	0066896	B1	11/2000
WO	2012016297	A1	2/2012

OTHER PUBLICATIONS

EZ Screen Room <<https://www.homedepot.com/p/EZ-Screen-Room-8-ft-x-2-in-x-2-in-Aluminum-White-Extrusion-with-Spline-Track-EZSR8PW/202453633>> Jun. 11, 2013 (Year: 2013).  
2 page machine translation of CN 204983145 U, Jan. 2016 (Year: 2016).

\* cited by examiner

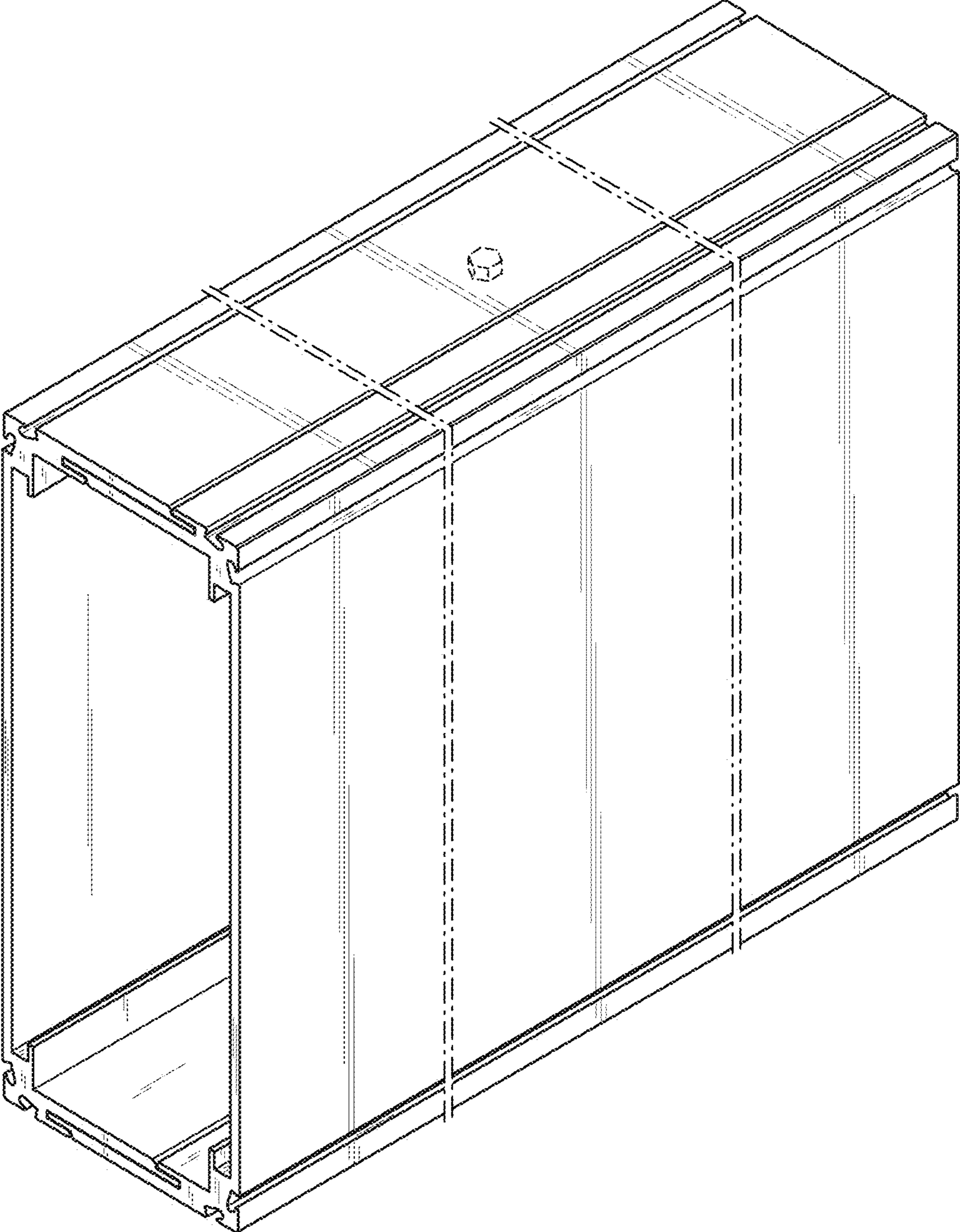


FIG. 1

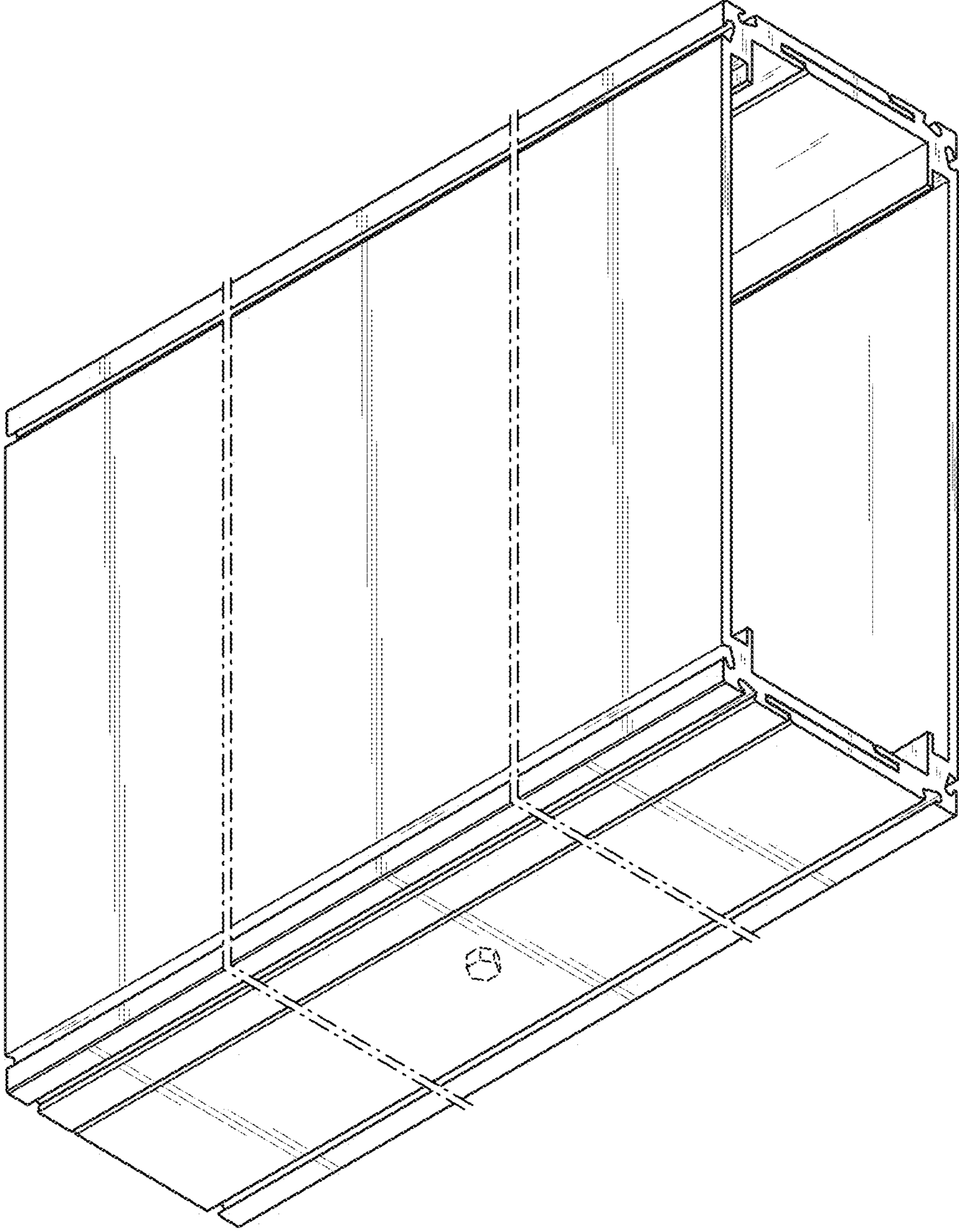


FIG. 2

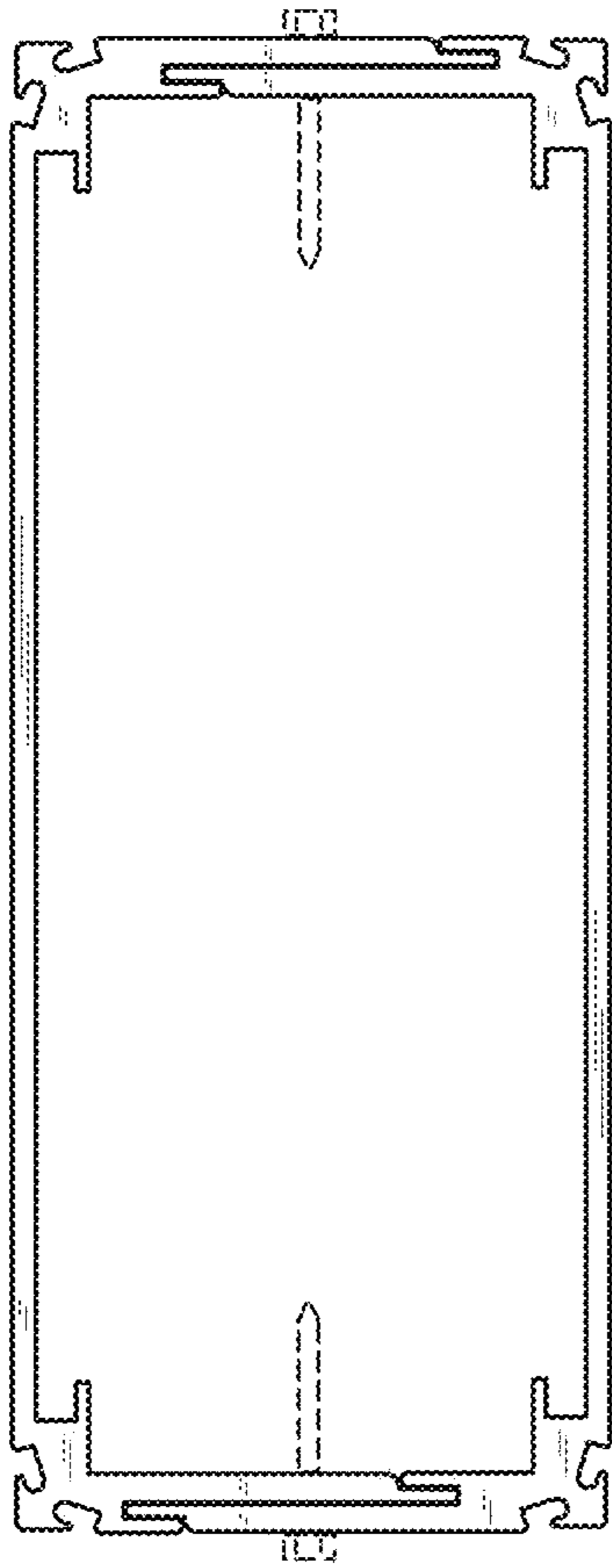


FIG. 3

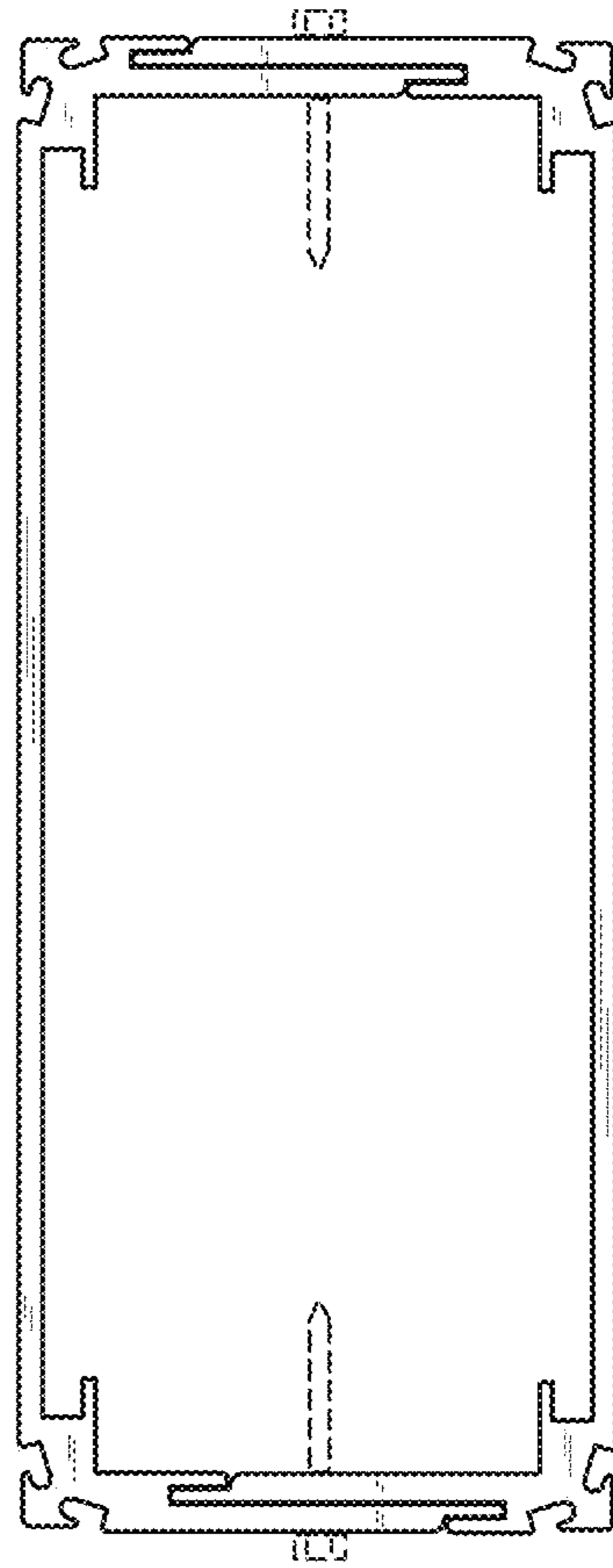


FIG. 4

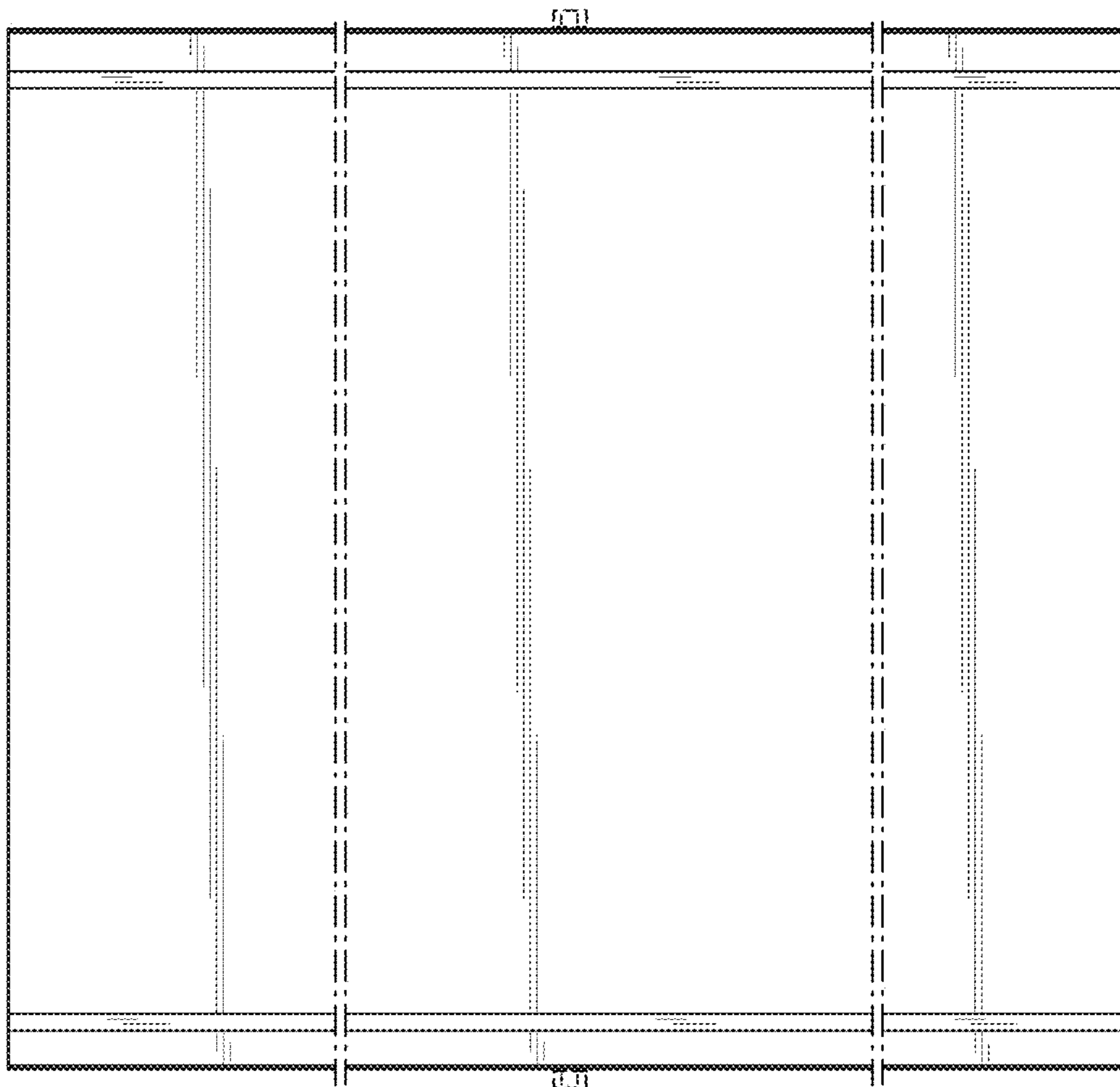


FIG. 5

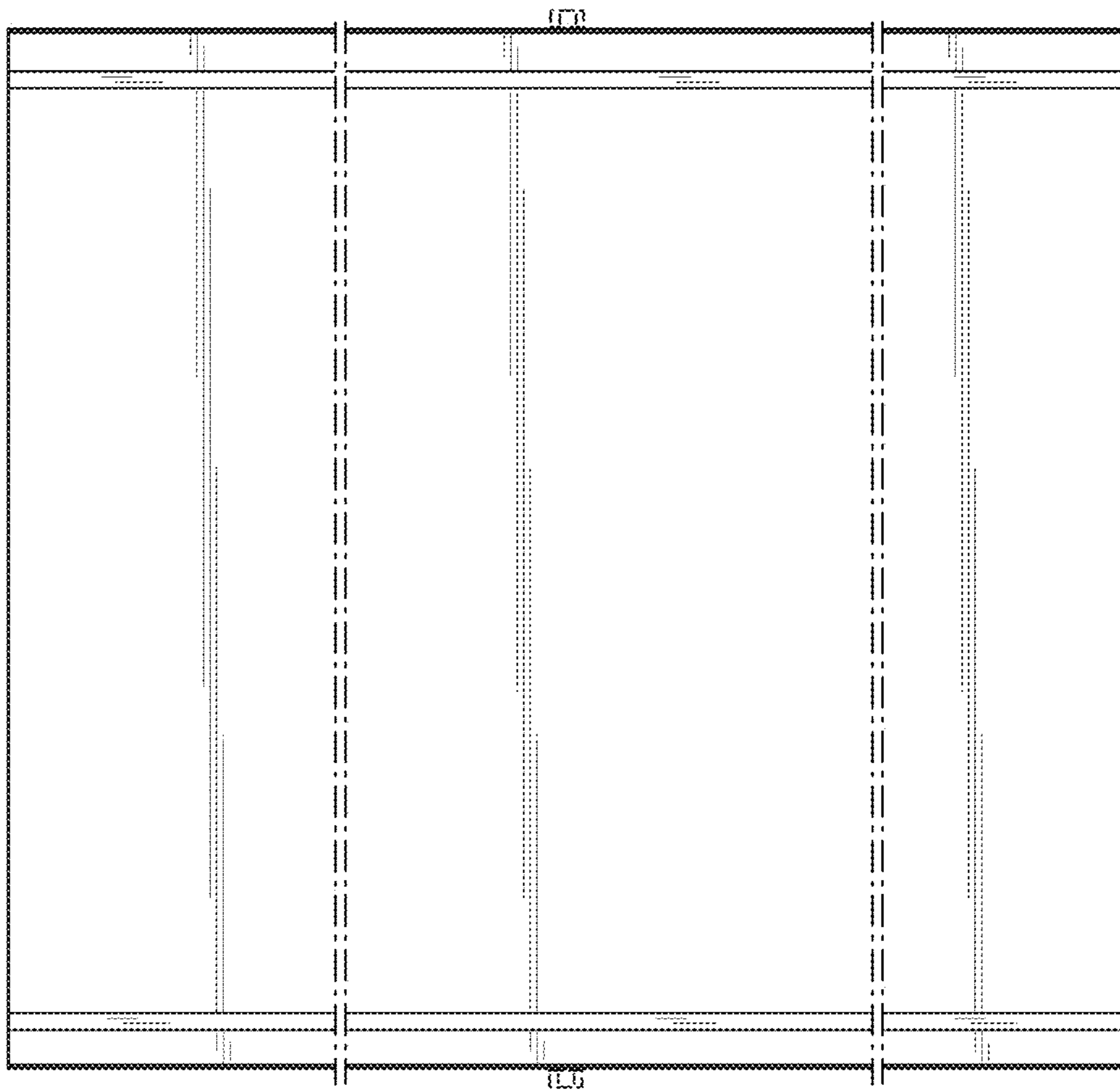


FIG. 6



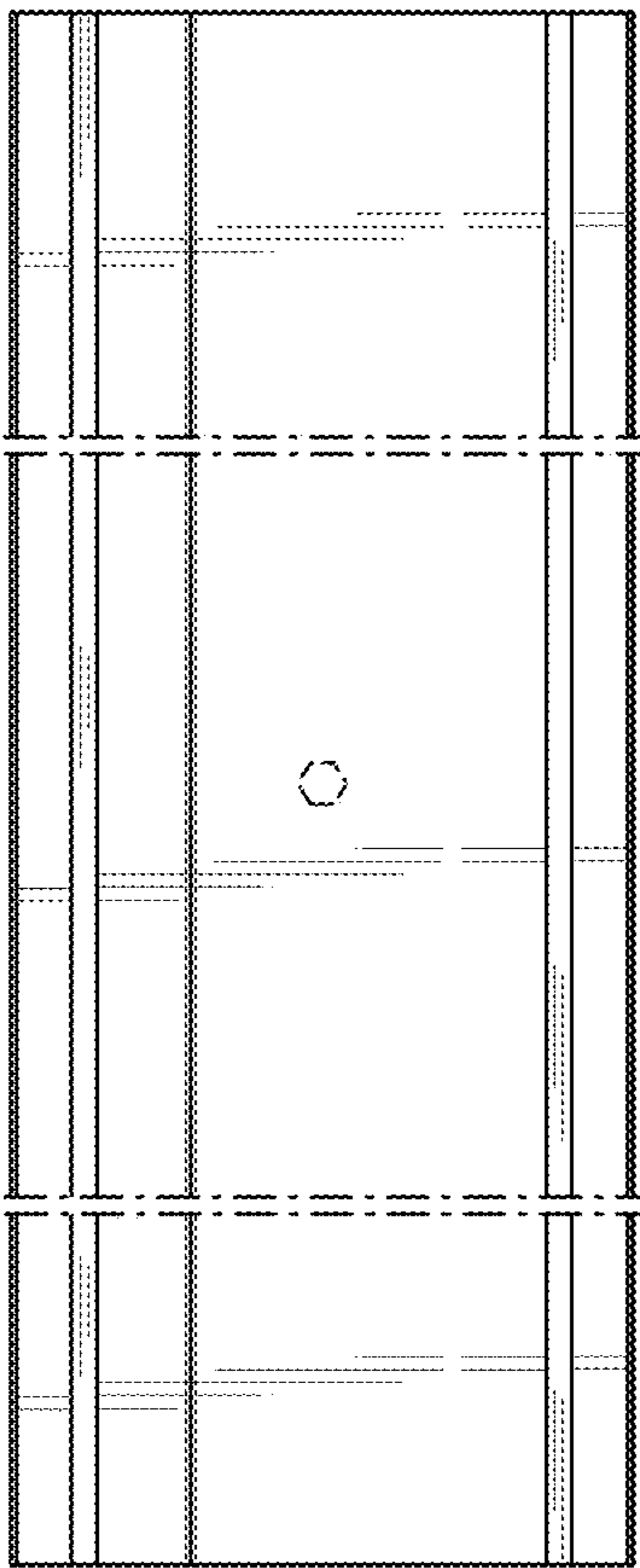


FIG. 7

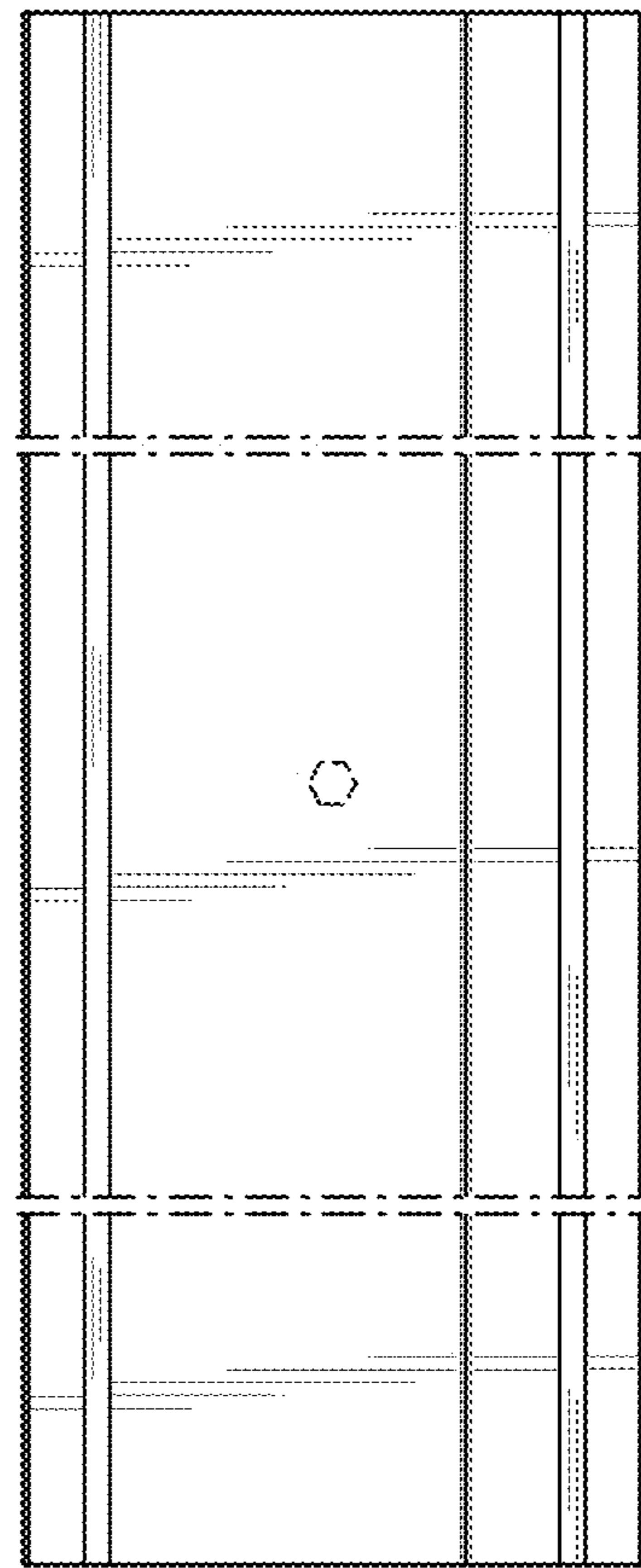


FIG. 8

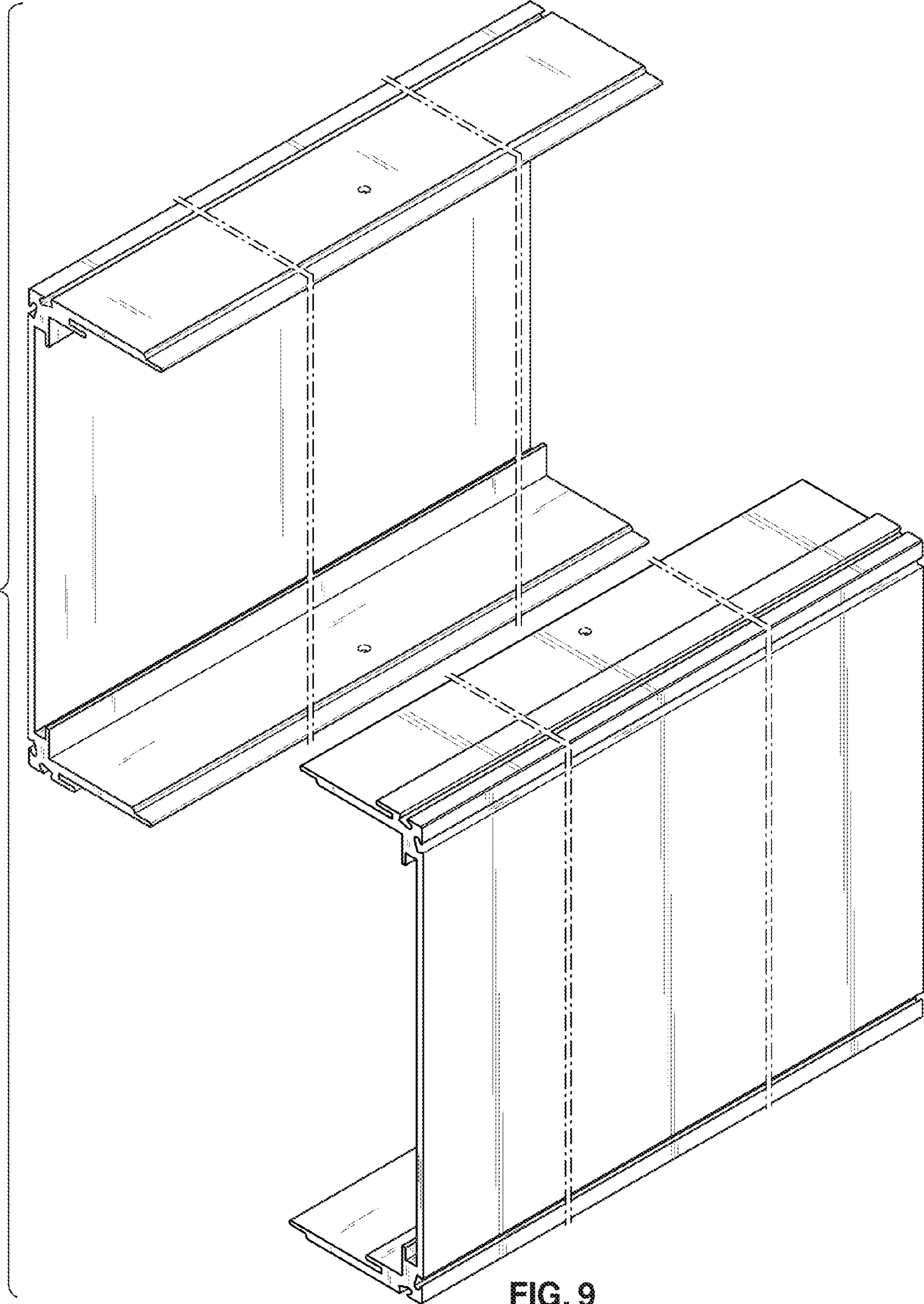


FIG. 9

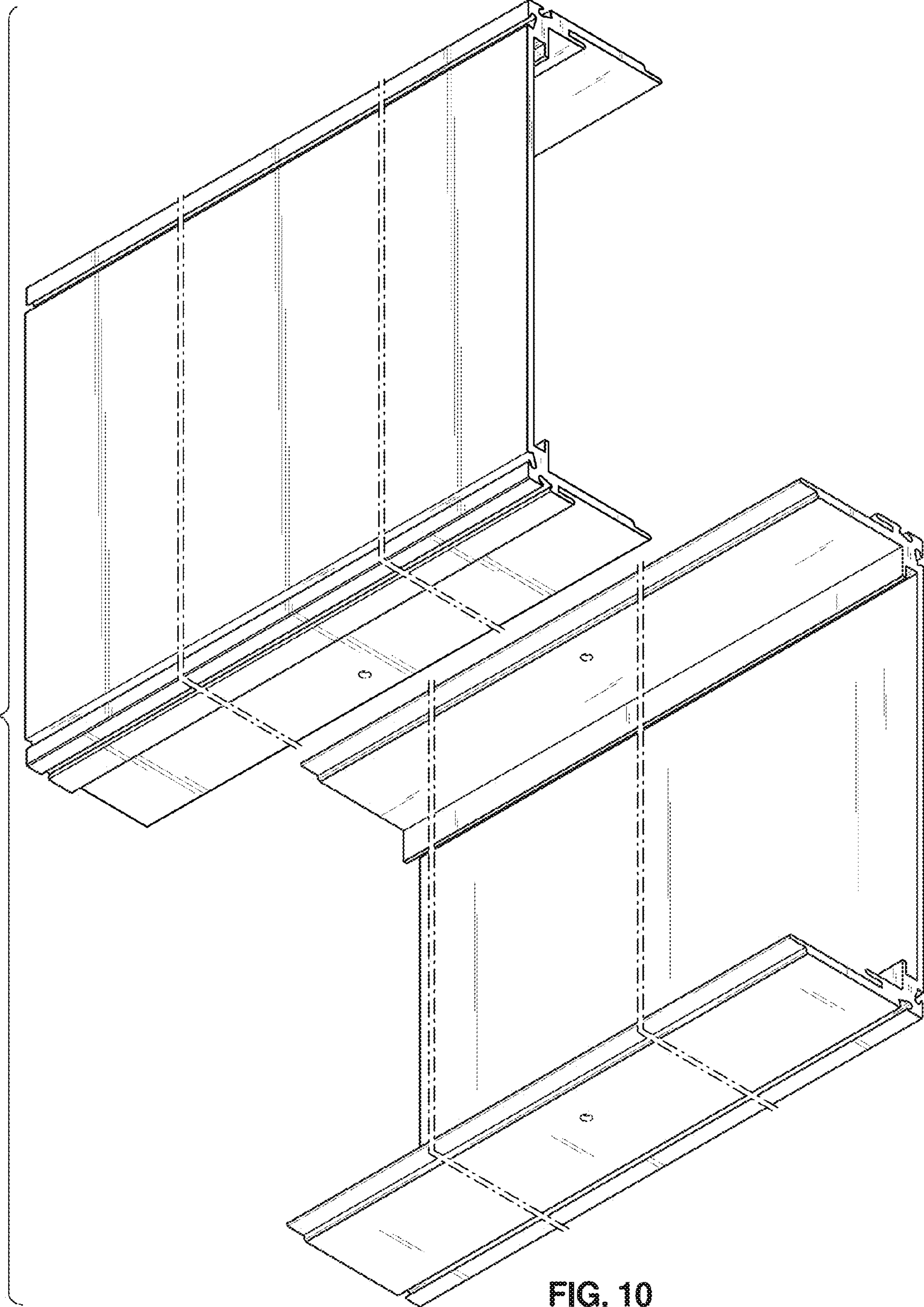


FIG. 10