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(12) **United States Design Patent** (10) **Patent No.:** **US D913,525 S**  
**Xuewei et al.** (45) **Date of Patent:** **\*\* Mar. 16, 2021**

(54) **FENCE POST TO RAIL CONNECTOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **BODO Plastics Company LTD**, Zibo (CN)

CN 301427838 \* 12/2010  
GB 2487239 7/2012  
KR 300677216.0000 \* 1/2013

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OTHER PUBLICATIONS

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

Veranda White Vinyl Fence Bracket Home Depot <https://www.homedepot.com/p/Veranda-White-Vinyl-Fence-Bracket-Kit-2-Pack-116058/202054802> Earliest photo review Sep. 1, 2015 (Year: 2015).\*

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(Continued)

(22) Filed: **Apr. 2, 2019**

*Primary Examiner* — Leanne Was-Englehart

(51) **LOC (13) Cl.** ..... **25-02**

(52) **U.S. Cl.**

USPC ..... **D25/38.1**; D8/354

(58) **Field of Classification Search**

(57) **CLAIM**

USPC ..... D8/349, 354, 363, 373, 380, 382;  
D25/38.1, 39, 41.1, 43, 48.5, 61, 126,  
D25/127, 131, 136, 164

The ornamental design for a fence post to rail connector, as shown and described.

CPC ..... A63C 19/02; E04H 4/0056; E04H 4/14;  
E04H 4/143; E04H 17/00; E04H 17/1413;  
E04H 17/1417; E04H 17/1421; E04H  
17/1426; F21V 21/088; F21V 27/00;  
F21S 8/00; F21W 2131/401; F16B 7/042;  
F16B 7/0446; F16B 7/14; E04F 11/1814;  
E04F 11/1817; E04F 11/1836

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a front view of a fence post to rail connector showing my new design;  
FIG. 2 is a rear view of the fence post to rail connector;  
FIG. 3 is a right side view of the fence post to rail connector;  
FIG. 4 is a left side view of the fence post to rail connector;  
FIG. 5 is a top view of the fence post to rail connector;  
FIG. 6 is a bottom view of the fence post to rail connector;  
FIG. 7 is a top front side perspective exploded view of the fence post to rail connector in use; and,  
FIG. 8 is a top front side perspective view of the fence post to rail connector.

(56) **References Cited**

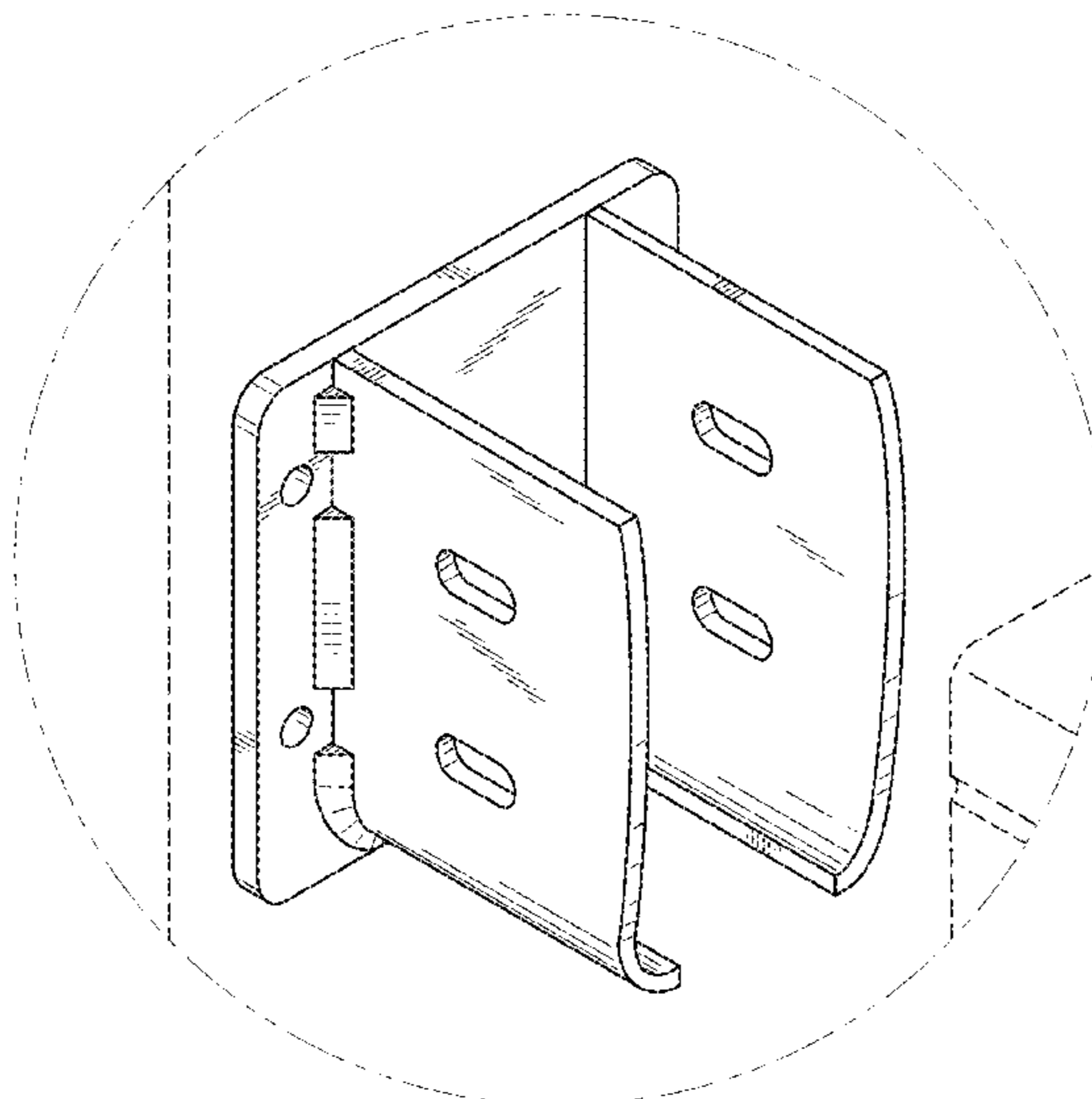
U.S. PATENT DOCUMENTS

491,091 A \* 2/1893 Drake ..... F22B 37/202  
122/510  
529,331 A \* 11/1894 Lane ..... E04B 1/2403  
403/189  
D213,135 S \* 1/1969 Shore ..... D8/394  
4,114,861 A \* 9/1978 Long ..... E04H 17/1413  
248/219.4  
D252,407 S \* 7/1979 Dobias ..... D25/38.1  
D257,325 S \* 10/1980 Jones ..... D25/199  
D303,716 S \* 9/1989 Waller ..... D8/354

The broken lines in FIGS. 7 and 8 are illustrative of environmental structure forming no part of the claimed design. The broken line circles in FIGS. 7 and 8 depict the limits of the enlarged view and form no part of the claimed design.

(Continued)

**1 Claim, 5 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

5,161,783 A \* 11/1992 German ..... E04H 17/1413  
256/19  
5,186,571 A 2/1993 Hentzschel  
5,192,056 A 3/1993 Espinueva  
5,702,090 A 12/1997 Edgman  
D398,219 S \* 9/1998 Campman ..... D8/363  
6,478,287 B2 11/2002 DeSouza  
6,543,751 B1 \* 4/2003 Spruill ..... E04F 11/1817  
256/65.04  
D478,801 S \* 8/2003 Spruill ..... D8/354  
6,601,831 B2 8/2003 Erwin  
6,637,728 B2 10/2003 Pettit  
D502,550 S \* 3/2005 Walker ..... D25/38.1  
7,007,363 B2 \* 3/2006 Forbis ..... E04F 11/1817  
256/65.04  
D553,968 S \* 10/2007 Skinner ..... D8/382  
7,731,160 B2 \* 6/2010 Terrels ..... E04F 11/1836  
256/65.06

D630,346 S \* 1/2011 Horta ..... D25/199  
D707,366 S \* 6/2014 Rowland ..... D25/38.1  
8,783,662 B1 7/2014 Russo  
2003/0127575 A1 \* 7/2003 Forbis ..... E04H 17/1421  
248/251  
2005/0242335 A1 11/2005 Bunn  
2007/0131920 A1 \* 6/2007 Platt ..... E04H 17/1421  
256/65.02

OTHER PUBLICATIONS

Install\_Ins\_Belmont\_Fence\_1728601\_060419 [https://hw.menardc.com/main/items/media/SHANG004/Install\\_Instruct/Install\\_Ins\\_Belmont\\_Fence\\_1728601\\_0601\\_92.pdf](https://hw.menardc.com/main/items/media/SHANG004/Install_Instruct/Install_Ins_Belmont_Fence_1728601_0601_92.pdf) Last modified Jul. 2, 2019 (Year: 2019).\*  
Home Depot Post Bracket <https://images.homedepot-static.com/catalog/pdfimages/82/82571c30-41b6-4e6b-887f-8f994db3c4b9.pdf> Last modified Apr. 27, 2017 (Year: 2017).\*

\* cited by examiner

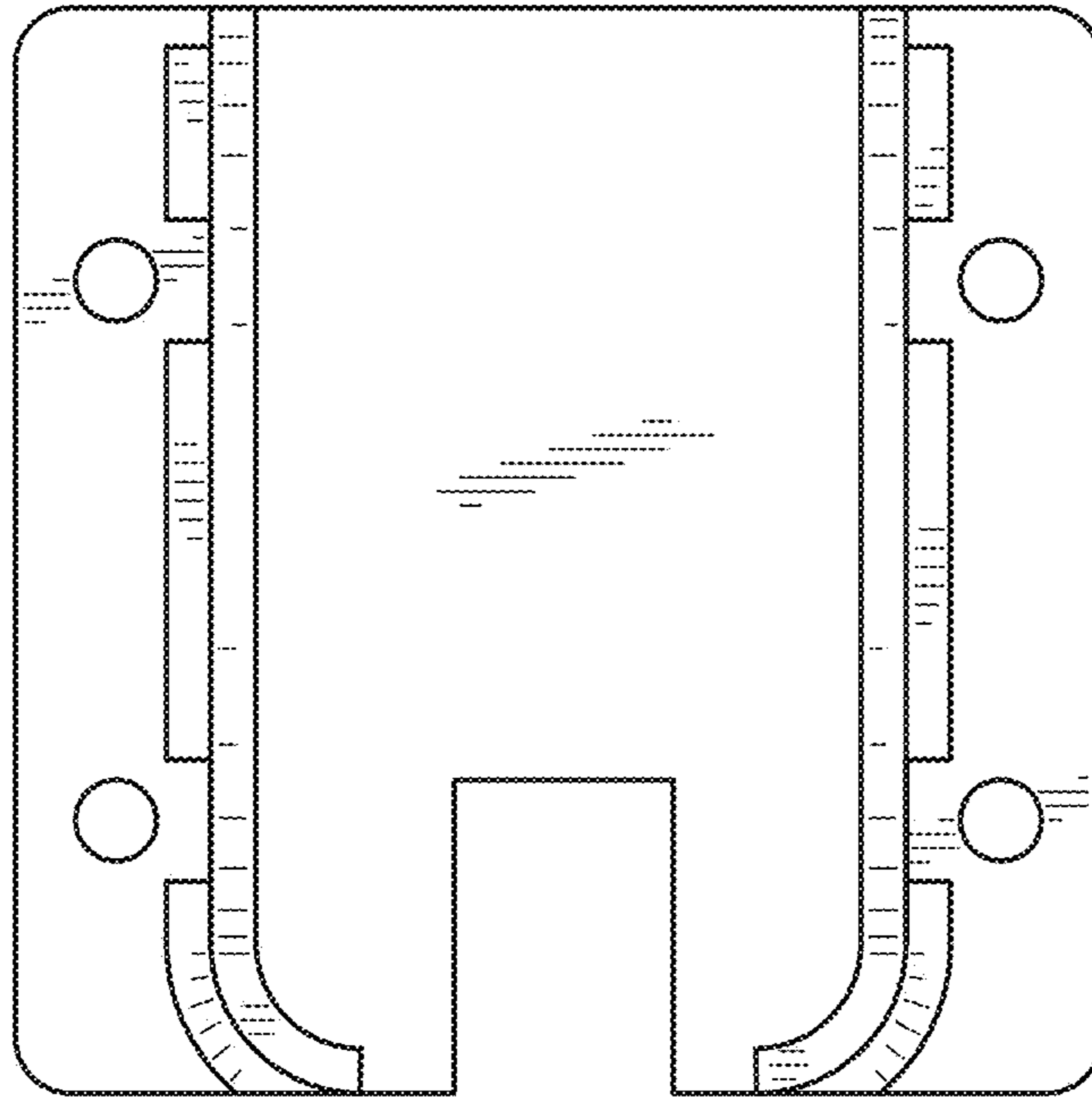


FIG. 1

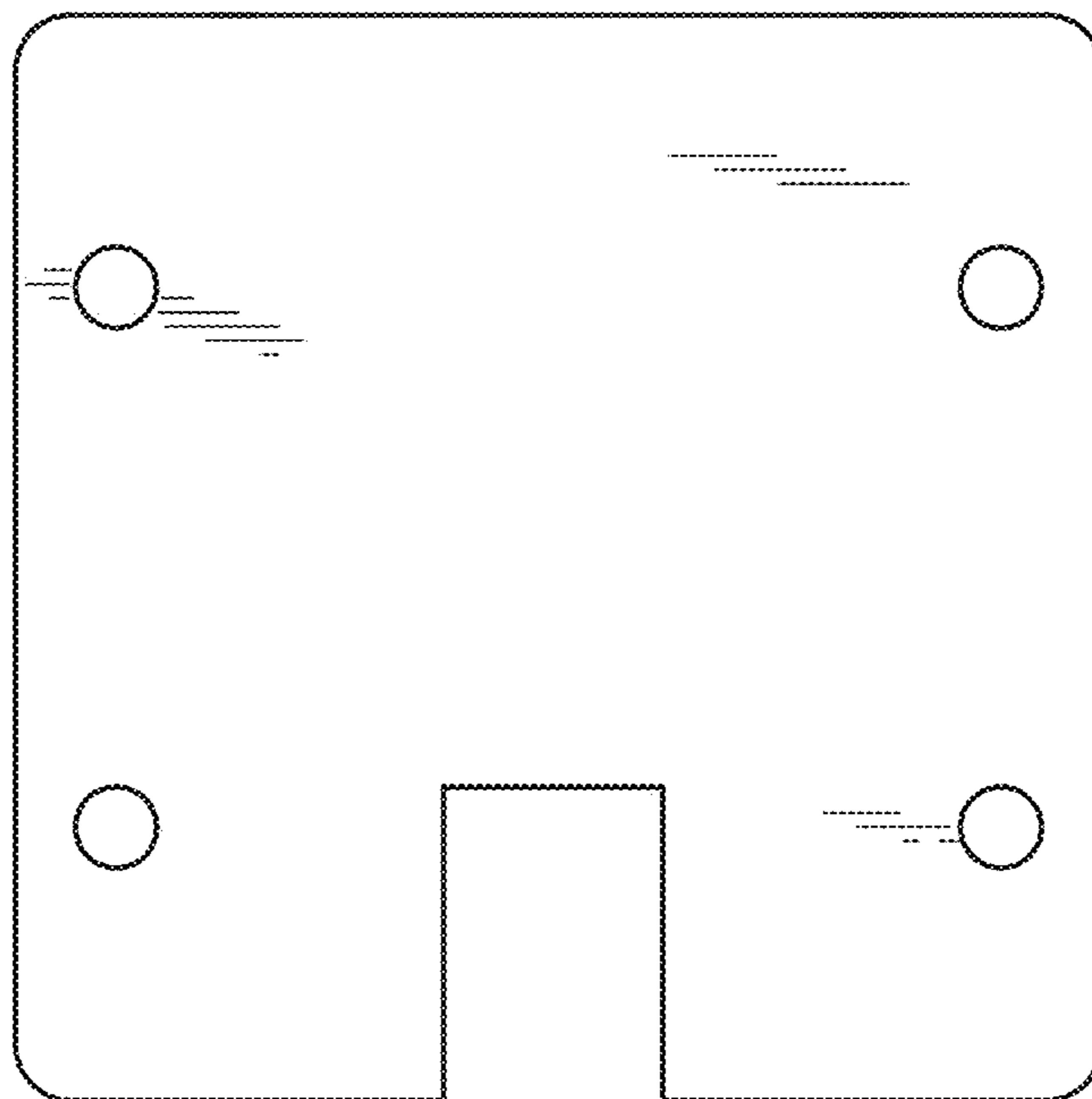


FIG. 2

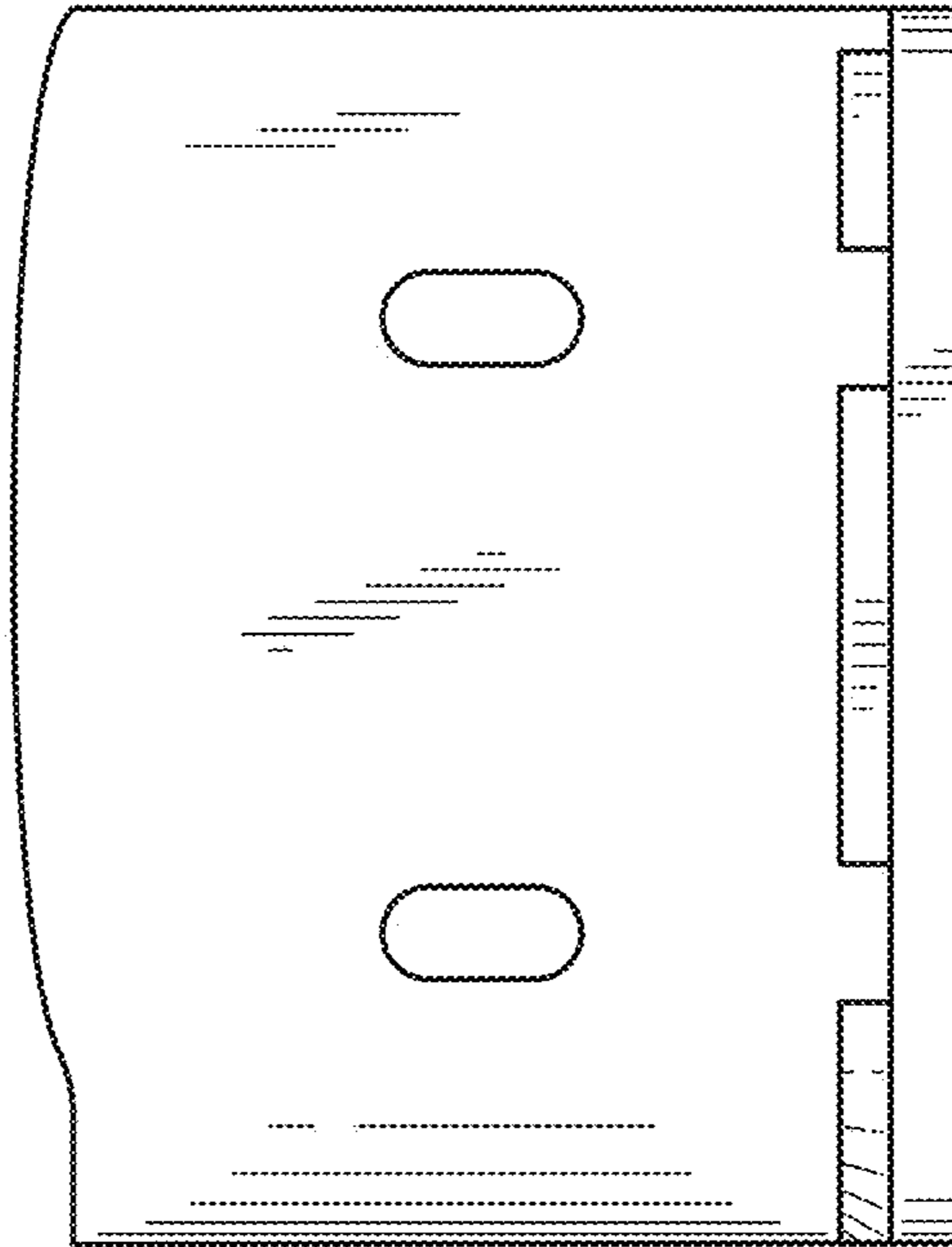


FIG. 3

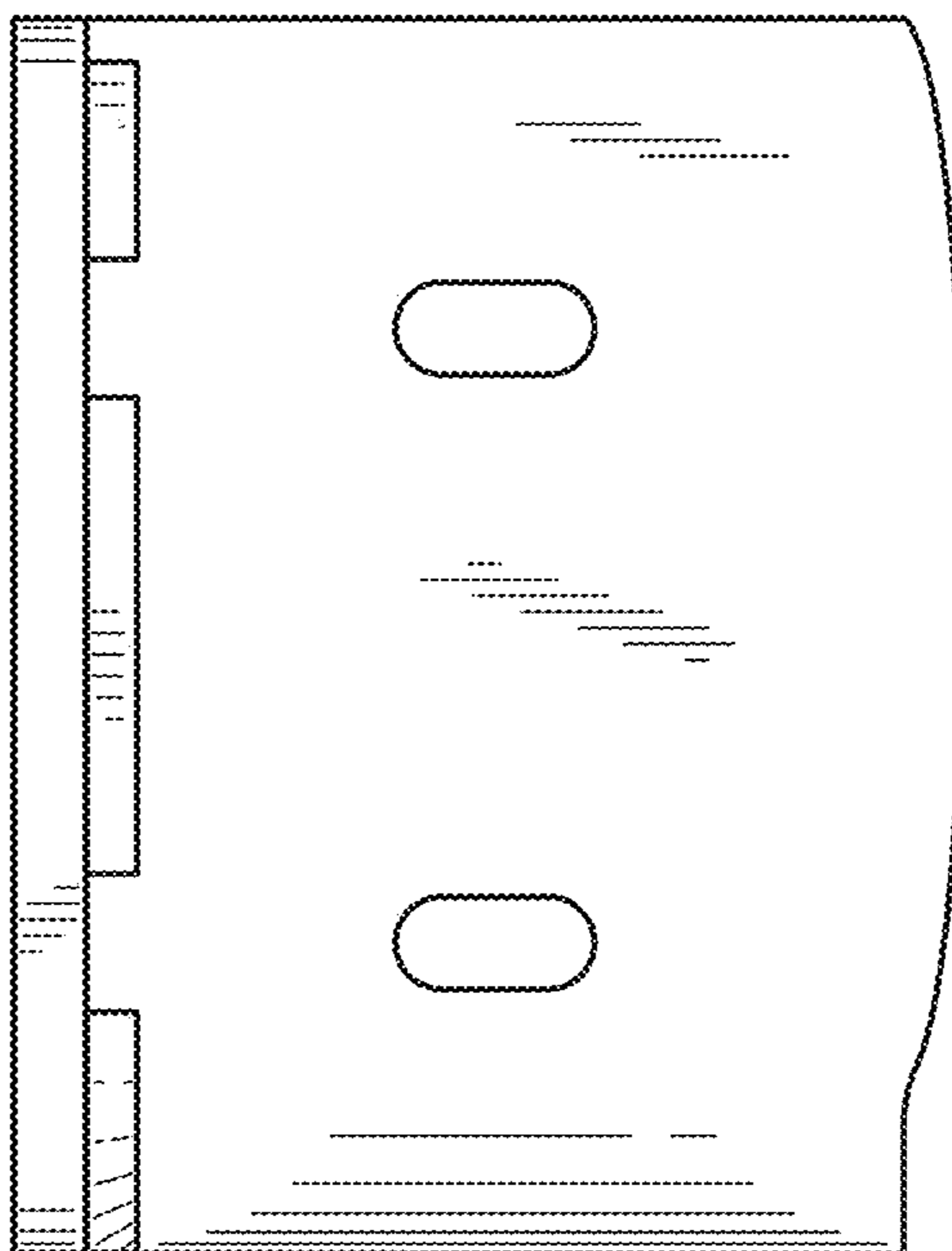


FIG. 4

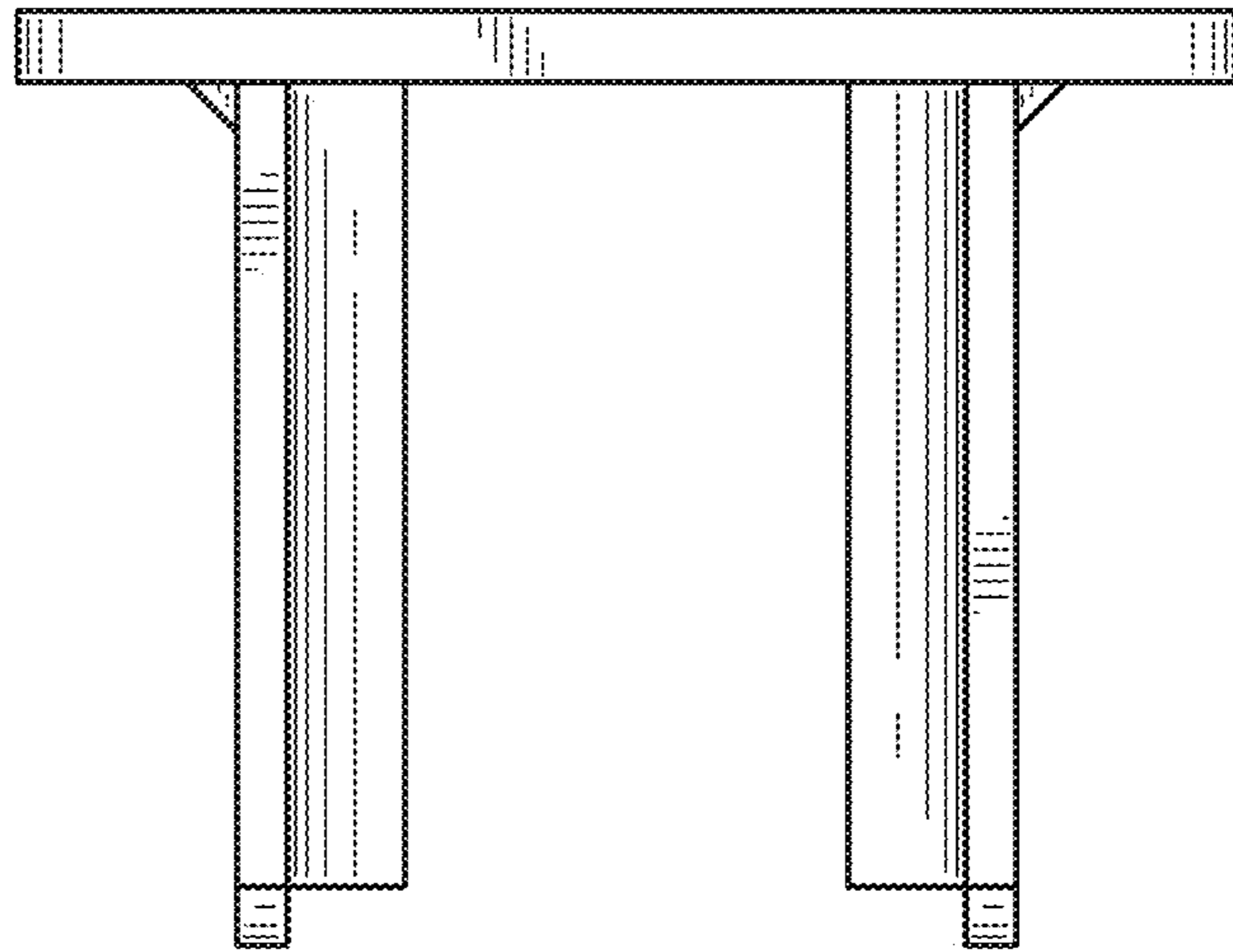


FIG. 5

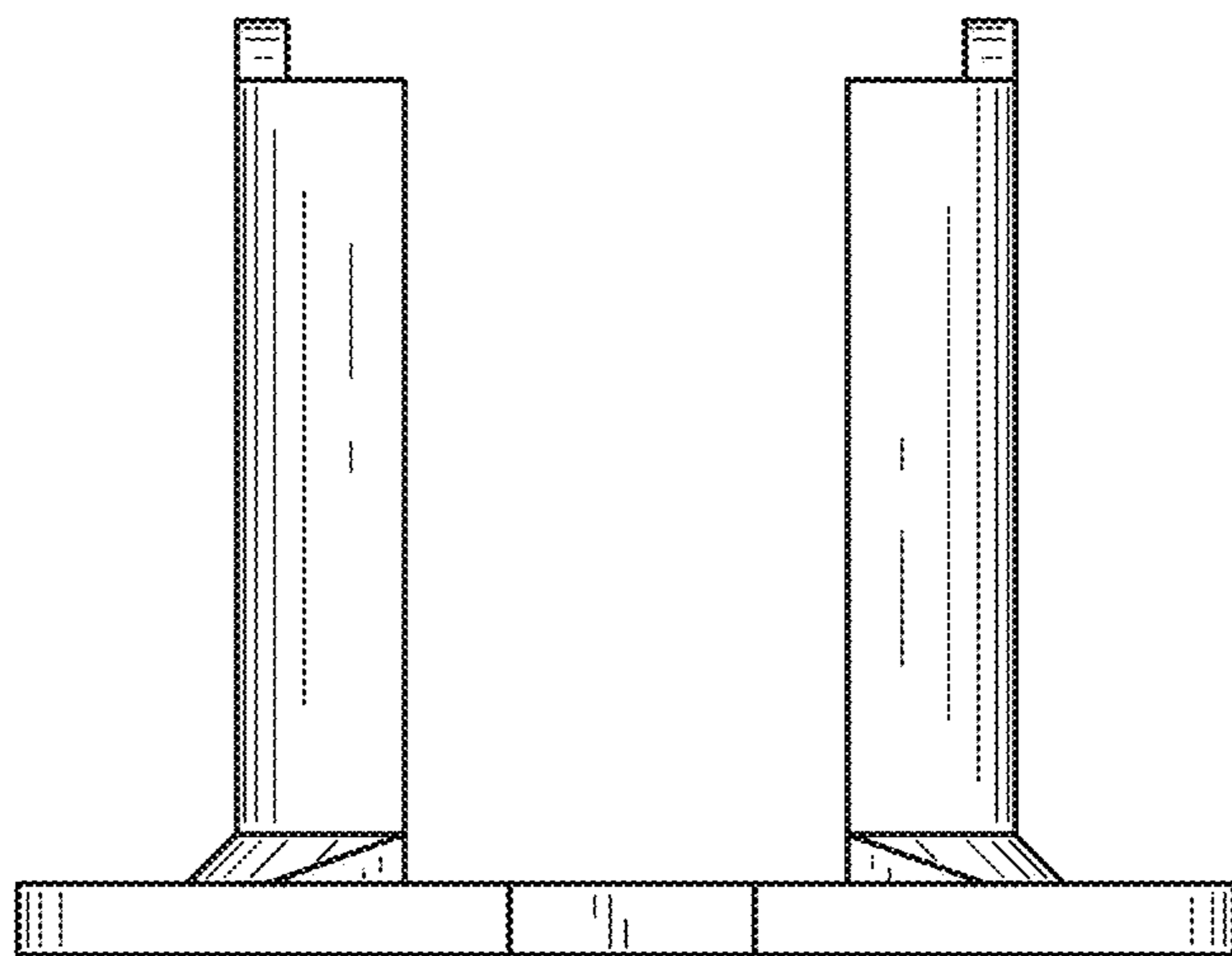
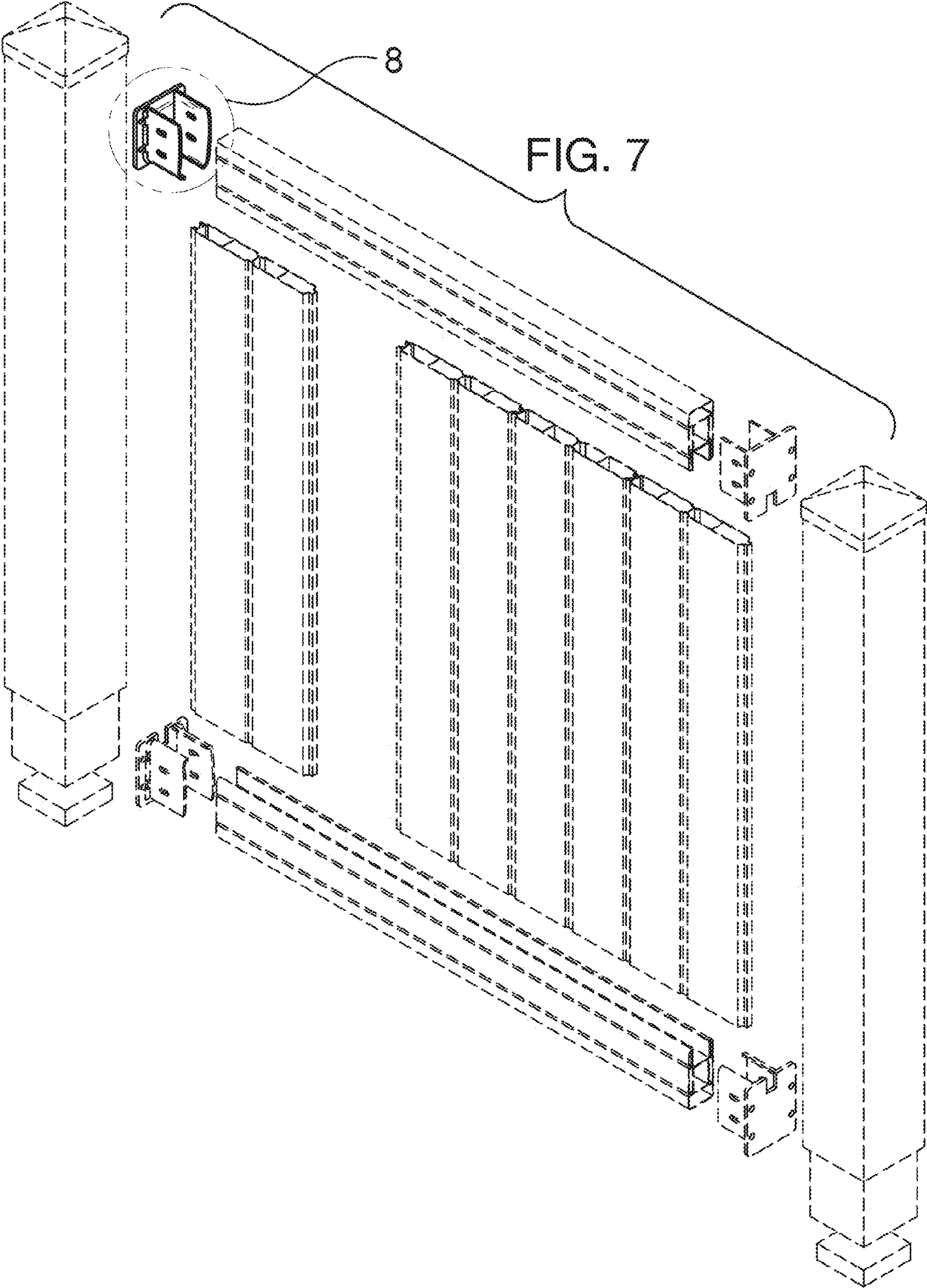


FIG. 6



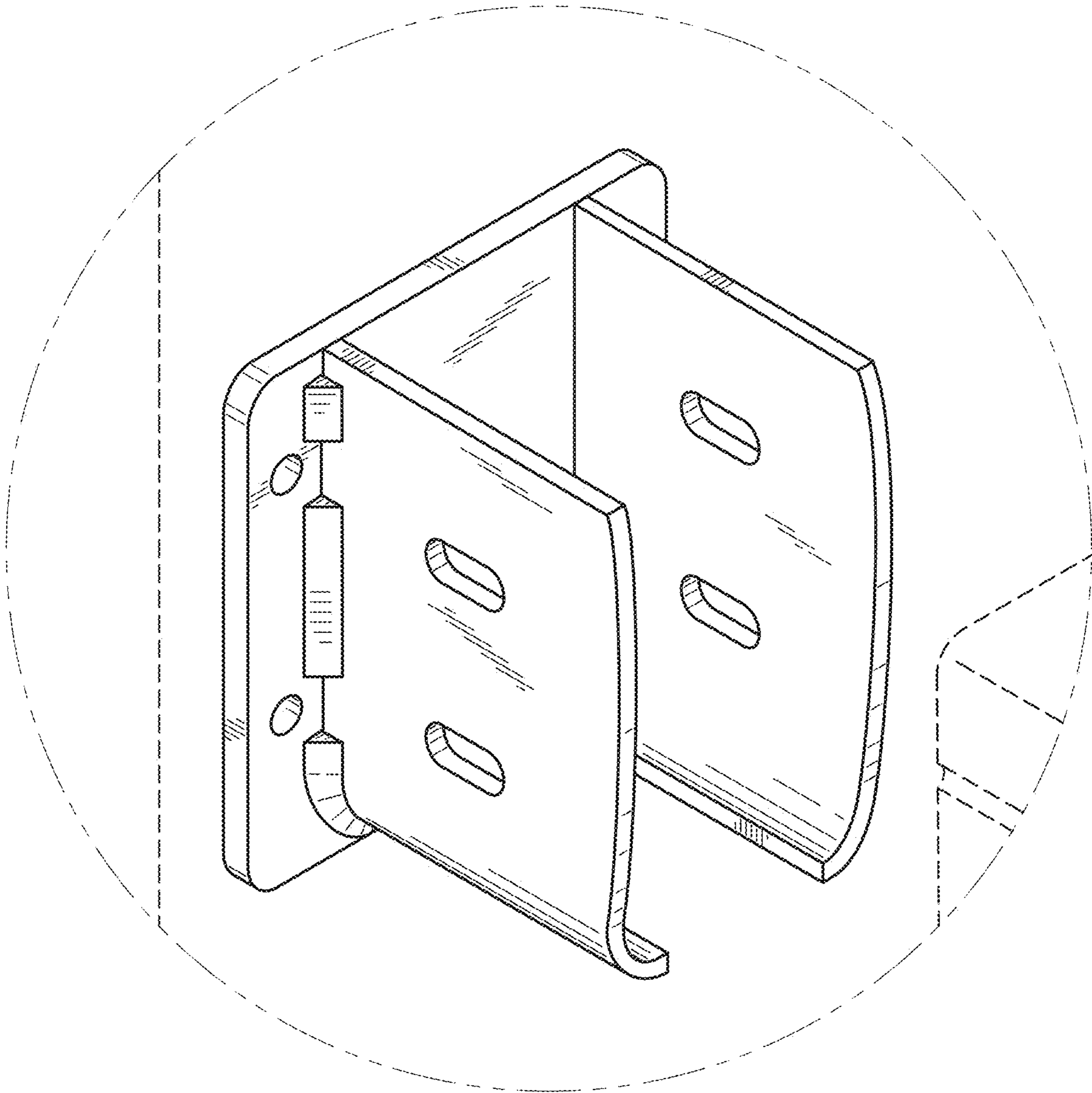


FIG. 8