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

(10) **Patent No.:** **US D757,860 S**
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(54) **TOY COUPLER**

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

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Related U.S. Application Data

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filed on Sep. 12, 2012, now Pat. No. 8,968,046.

(51) **LOC (10) Cl.** **21-01**

(52) **U.S. Cl.**
USPC **D21/484**

(58) **Field of Classification Search**

USPC D21/478, 479, 484, 485-505; 446/69,
446/85, 102-128; 434/208, 259, 403;
273/153, 156, 160; 428/174; D8/349,
D8/382

CPC A63H 33/00; A63H 33/04; A63H 33/06;
A63H 33/08; A63H 33/10; A63H 33/12;
A63H 33/14; A63F 9/0608; A63F 9/12;
G09B 1/36

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,398,852 A 11/1921 Gilbert
1,492,560 A 5/1924 Fisher

(Continued)

OTHER PUBLICATIONS

Photographs of prototype product seen at MindWare booth at Toy
Fair 2015 (in New York City), based on information and belief,
photographed Feb. 17, 2015 (2 photographs).

(Continued)

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(57) **CLAIM**

The ornamental design for a toy coupler, as shown and
described.

DESCRIPTION

FIG. 1 shows a perspective view of an ornamental design of a
toy coupler according to the present invention;

FIG. 2 shows a front view of a toy coupler according to the
present invention;

FIG. 3 shows a back view of a toy coupler according to the
present invention;

FIG. 4 shows a side view of a toy coupler according to the
present invention;

FIG. 5 shows an opposing side view of a toy coupler accord-
ing to the present invention;

FIG. 6 shows a top view of a toy coupler according to the
present invention;

FIG. 7 shows a bottom view of a toy coupler according to the
present invention;

FIG. 8 shows a perspective view similar to that of FIG. 1,
showing a block retained within a channel of the toy coupler,
with the block fully seated within the channel;

FIG. 9 shows a perspective view similar to that of FIG. 8,
showing a block retained within a channel of the toy coupler,
with the block partially inserted within the channel;

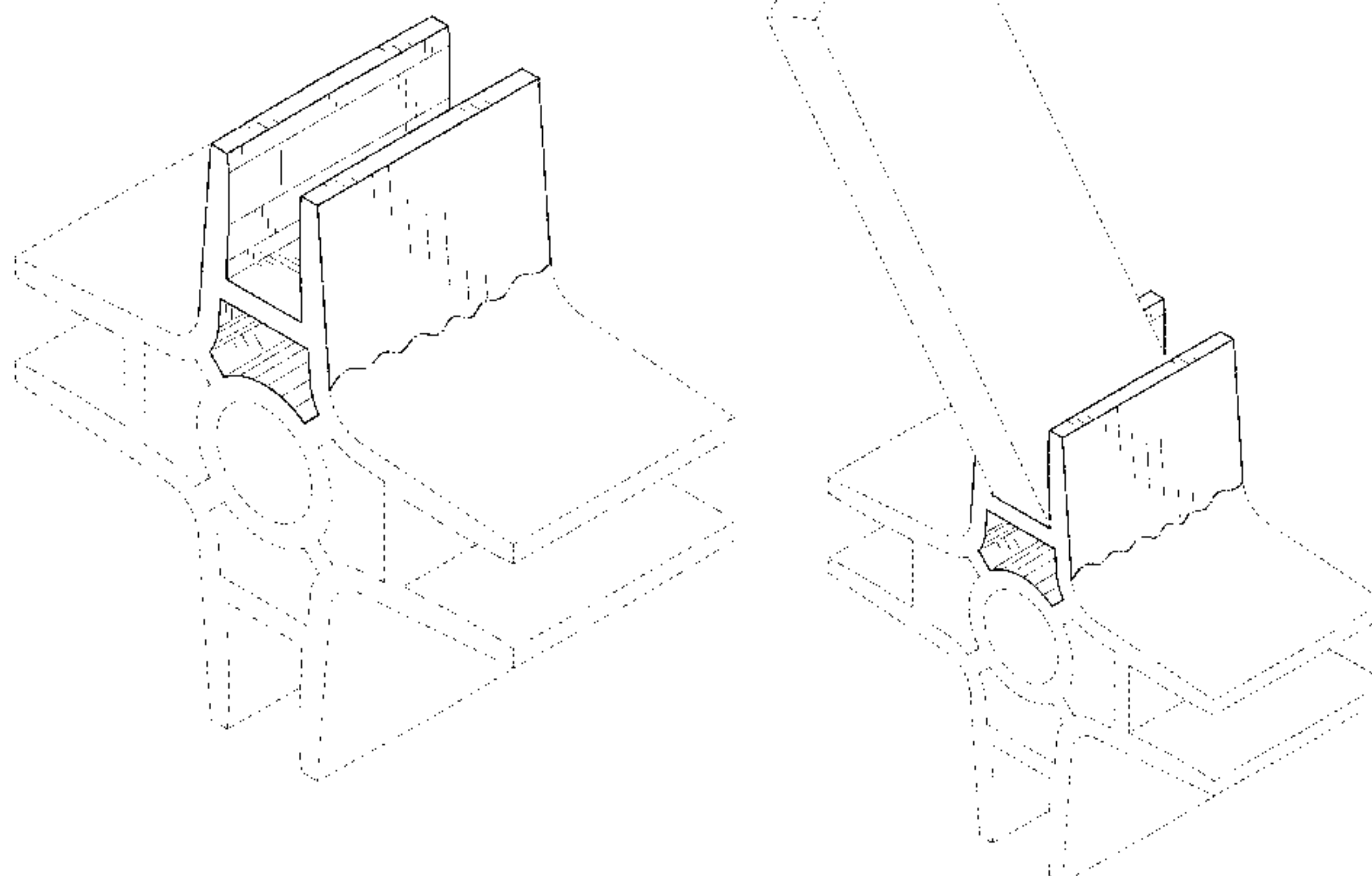
FIG. 10 shows a perspective view similar to that of FIG. 8,
showing a block retained within a channel of the toy coupler,
with the block inserted at an angle within the channel; and,

FIG. 11 shows a perspective view similar to that of FIG. 8,
showing two blocks retained within a channel of the toy
coupler.

Any broken lines shown are directed to environmental struc-
ture and are for illustrative purposes only. As such, any broken
lines form no part of the claimed design. The wavy dash-dot
line seen in FIGS. 1-11 is meant to claim that portion of the
surface shown in solid lines and with shading up to the wavy
dash-dot line. For example, that portion of the surface above
the wavy line in FIGS. 4 and 5 is claimed, while that portion
below the wavy line is not claimed.

The dash-dot broken lines immediately adjacent the shaded
areas represent the bounds of the claim which form no part of
the claimed design.

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2,278,327 A * 3/1942 Ludwig A63H 33/108
446/112
D230,759 S 3/1974 Hummel
3,998,002 A 12/1976 Nathanson
4,253,267 A 3/1981 Kocolowski
5,137,486 A * 8/1992 Glickman A63H 33/101
446/124
5,175,913 A 1/1993 Mackie et al.
5,350,331 A * 9/1994 Glickman A63H 33/042
446/120
5,378,185 A * 1/1995 Ban A63H 33/08
446/120
5,487,690 A 1/1996 Stoffle et al.
5,605,486 A * 2/1997 Zheng A63F 9/12
273/156
5,729,867 A 3/1998 Carmichael
D393,417 S * 4/1998 Glickman D8/382
5,746,638 A 5/1998 Shiraishi
5,827,104 A * 10/1998 Zheng A63F 9/12
273/160
5,901,859 A 5/1999 Carr et al.
D410,704 S * 6/1999 Krog D21/486
5,984,756 A * 11/1999 Krog A63H 33/10
446/120
6,015,149 A 1/2000 Burk
6,059,631 A * 5/2000 Maddock A63H 33/082
446/104
6,068,533 A 5/2000 Glickman et al.
6,089,941 A 7/2000 Glickman et al.
6,186,698 B1 * 2/2001 Knapp F16B 5/002
403/326
6,231,416 B1 * 5/2001 Clever A63H 33/105
446/108
6,325,694 B1 * 12/2001 Clever A63H 33/082
403/165
6,422,909 B2 7/2002 Clever et al.
6,592,421 B1 7/2003 Clever
6,645,032 B2 11/2003 Barringer et al.
6,648,715 B2 11/2003 Wiens et al.
6,672,931 B1 1/2004 Bagley
6,676,474 B2 1/2004 Glickman
6,682,255 B2 * 1/2004 Battaglia A47F 5/14
403/331
6,749,480 B1 6/2004 Hunts
6,843,700 B2 1/2005 Glickman
D513,471 S * 1/2006 Sato D8/382

7,044,825 B2 5/2006 Glickman et al.
7,066,778 B2 6/2006 Kretzschmar
7,234,986 B2 6/2007 Kowalski et al.
7,237,404 B2 7/2007 Morano et al.
D547,977 S * 8/2007 Torrente Bonatti D8/349
D550,484 S * 9/2007 Bonatti D8/349
7,267,598 B2 9/2007 Glickman
7,273,404 B2 9/2007 Kowalski et al.
D563,213 S * 3/2008 Sato D8/382
7,364,487 B2 4/2008 Evans et al.
7,371,146 B2 * 5/2008 Scarborough A63H 33/062
446/108
7,413,493 B2 8/2008 Toht et al.
7,444,792 B2 11/2008 Matson
D588,651 S * 3/2009 Sinisi D21/501
7,510,457 B2 3/2009 Hussa-Lietz
7,588,476 B2 9/2009 Hammond
7,666,054 B2 * 2/2010 Glickman A63H 33/086
446/120
7,721,396 B2 5/2010 Fleischman
7,762,386 B2 7/2010 Allore
7,833,078 B2 11/2010 Kretzschmar
7,955,155 B2 6/2011 Tremblay et al.
8,099,837 B2 * 1/2012 Santin A47C 31/023
24/297
8,292,687 B2 10/2012 Tremblay et al.
8,303,366 B2 11/2012 Tremblay et al.
8,475,225 B2 7/2013 Kretzschmar
8,529,311 B2 9/2013 Tremblay et al.
8,550,235 B2 10/2013 Suderman
8,651,914 B2 * 2/2014 Sisamos A63H 33/062
446/120
8,968,046 B2 3/2015 Cochella
2010/0242250 A1 9/2010 Haughey et al.
2012/0034839 A1 2/2012 Murphy
2012/0302127 A1 11/2012 Doskas
2013/0267145 A1 10/2013 Rosen et al.
2014/0045403 A1 2/2014 Murphy

OTHER PUBLICATIONS

Product Brochure for Keva Maker Bot Maze, based on information and belief, provided to applicant on or about Jul. 20, 2015 (1 page).
U.S. Appl. No. 13/612,383, filed May 5, 2014, Restriction Requirement.
U.S. Appl. No. 13/612,383, filed Aug. 7, 2014, Office Action.
U.S. Appl. No. 13/612,383, filed Dec. 31, 2014, Notice of Allowance.

* cited by examiner

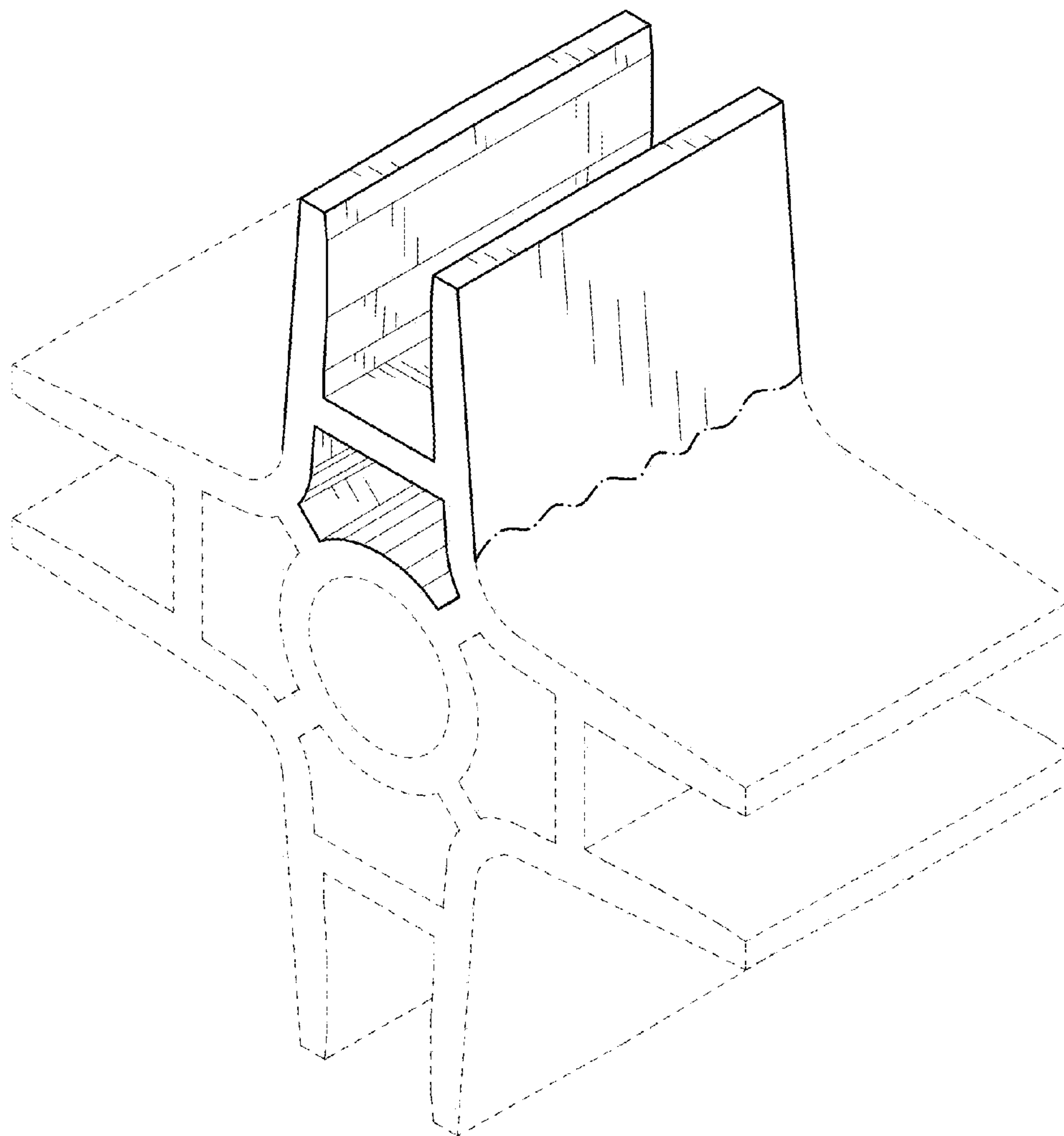


FIG. 1

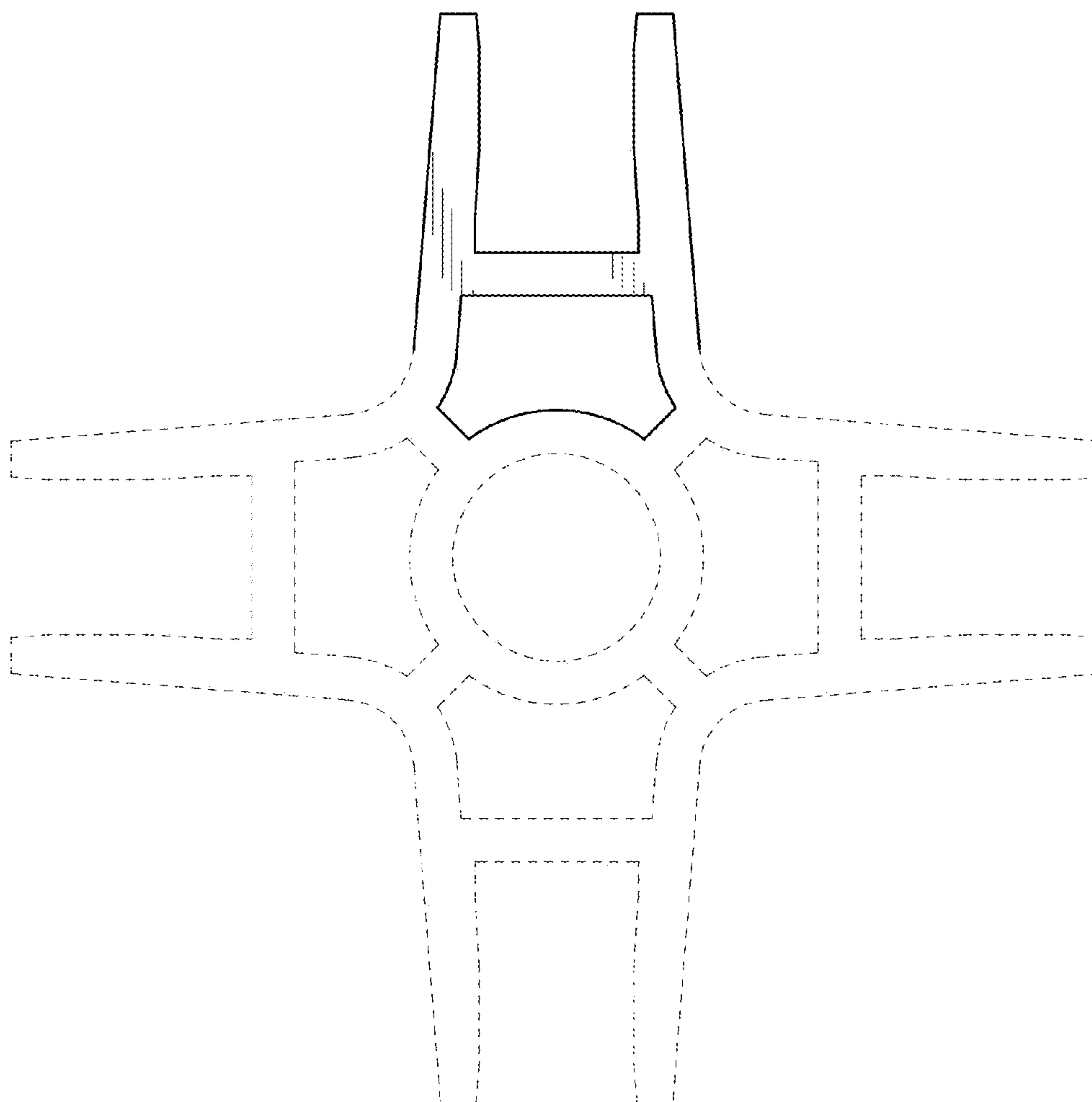


FIG. 2

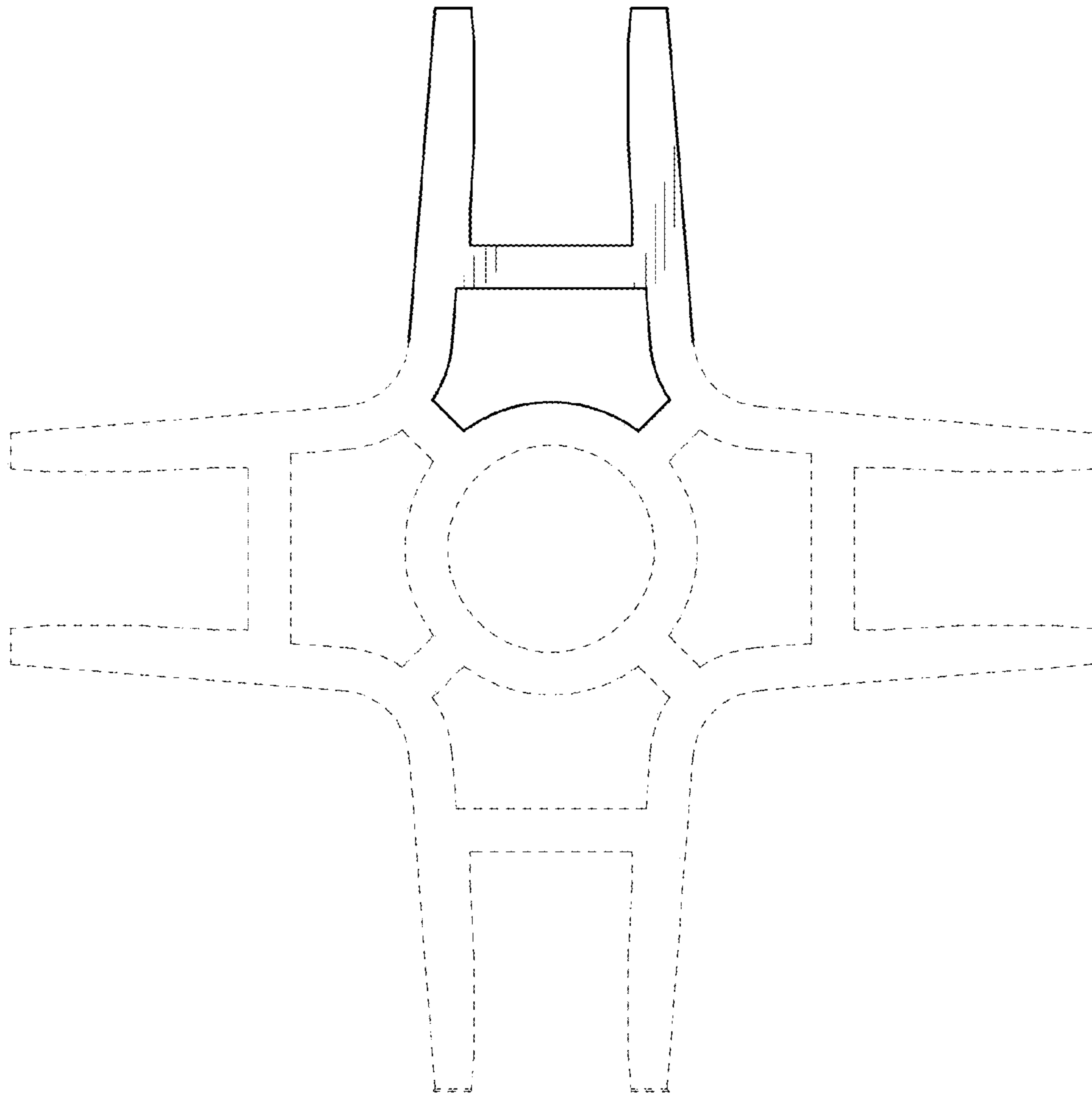


FIG. 3

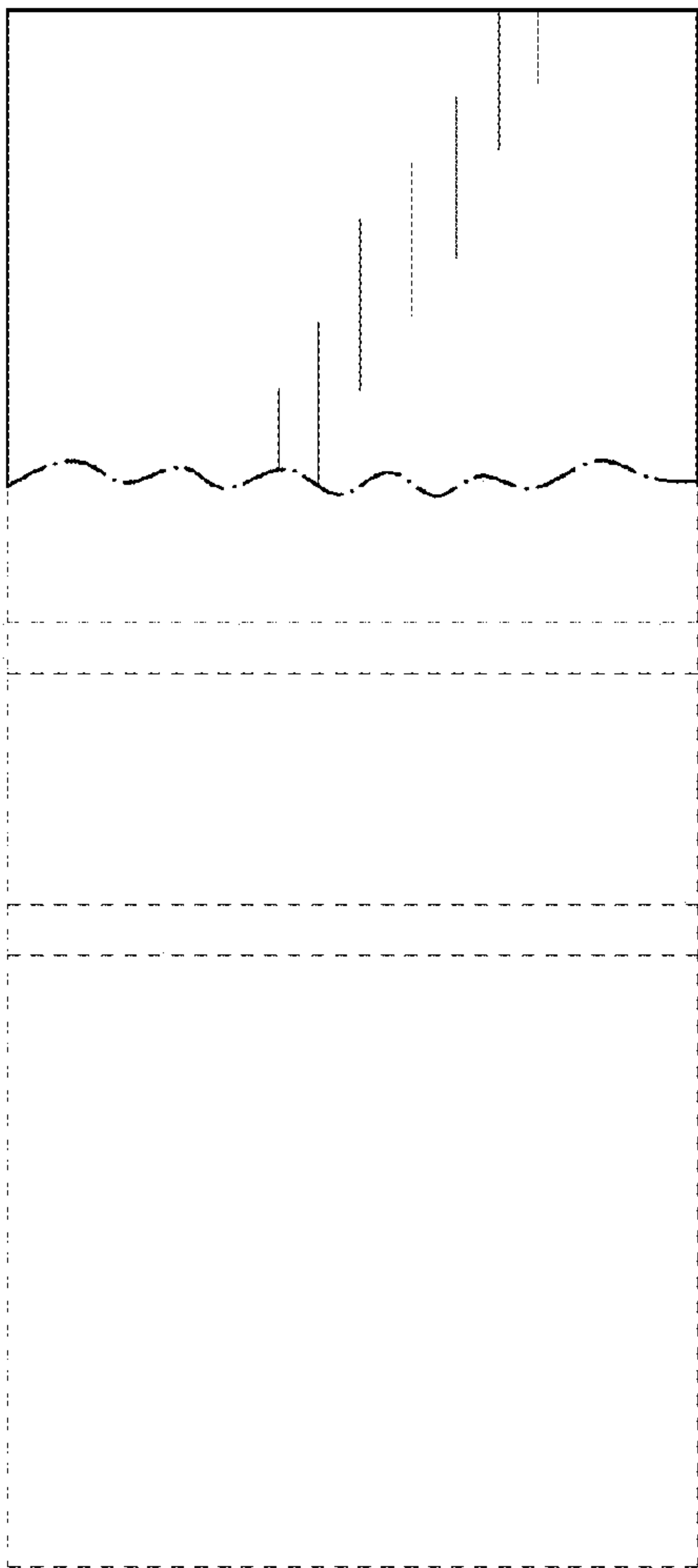


FIG. 4

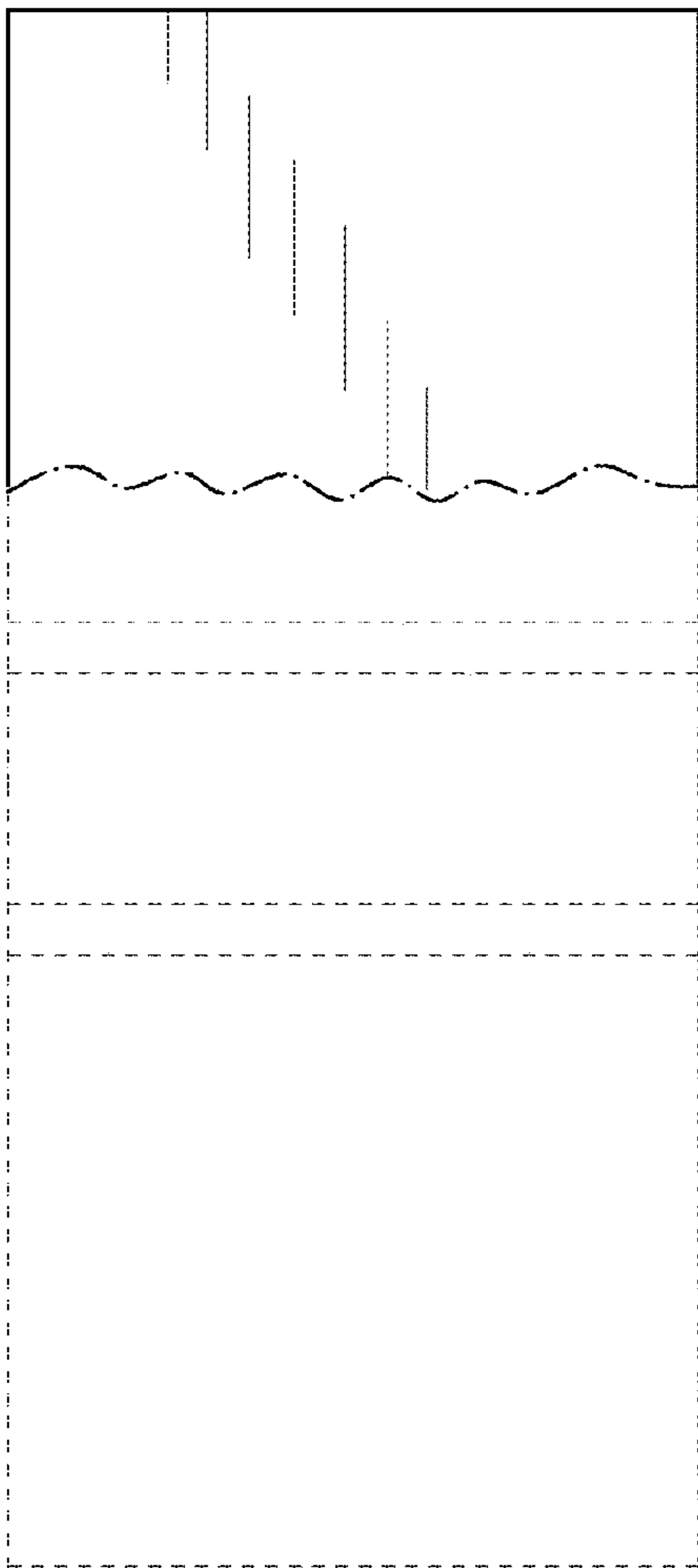


FIG. 5

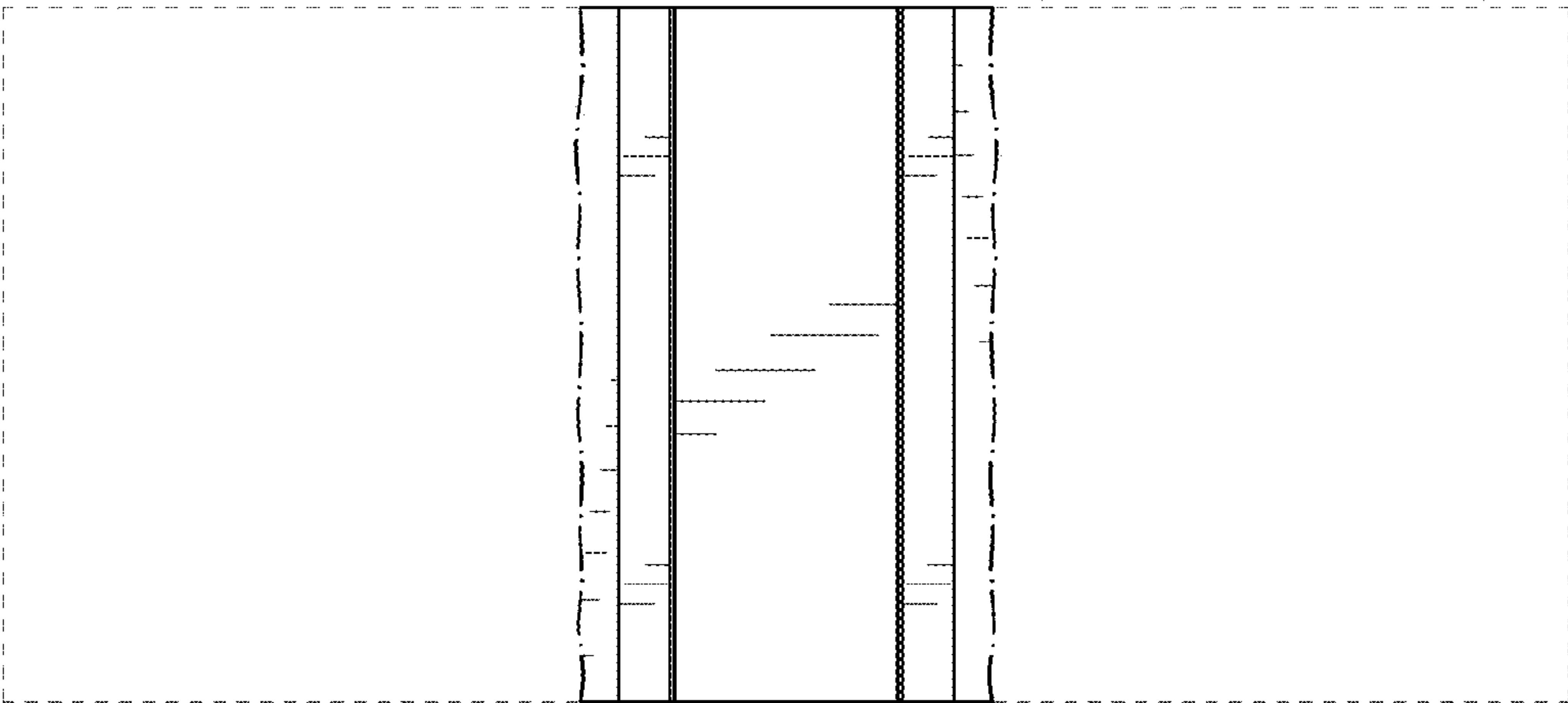


FIG. 6

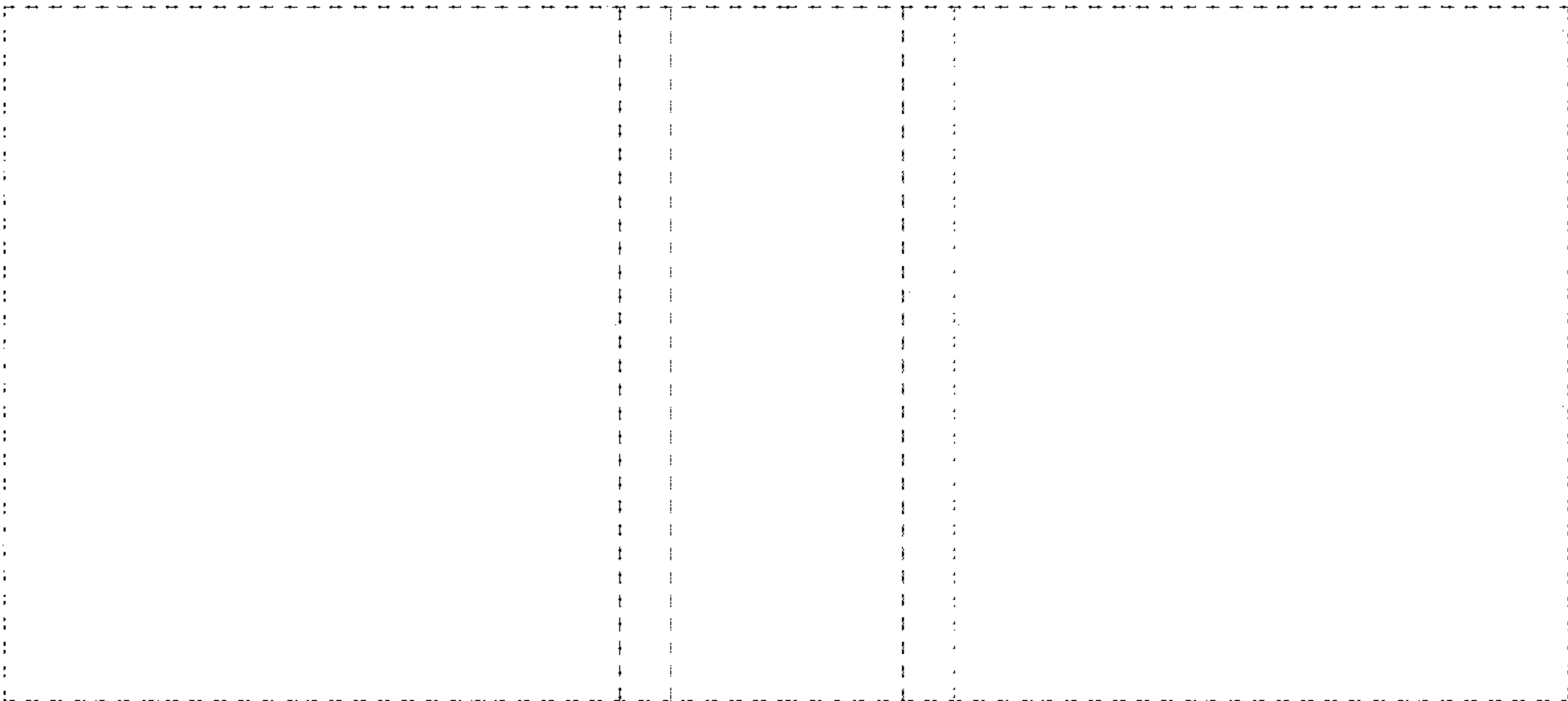


FIG. 7

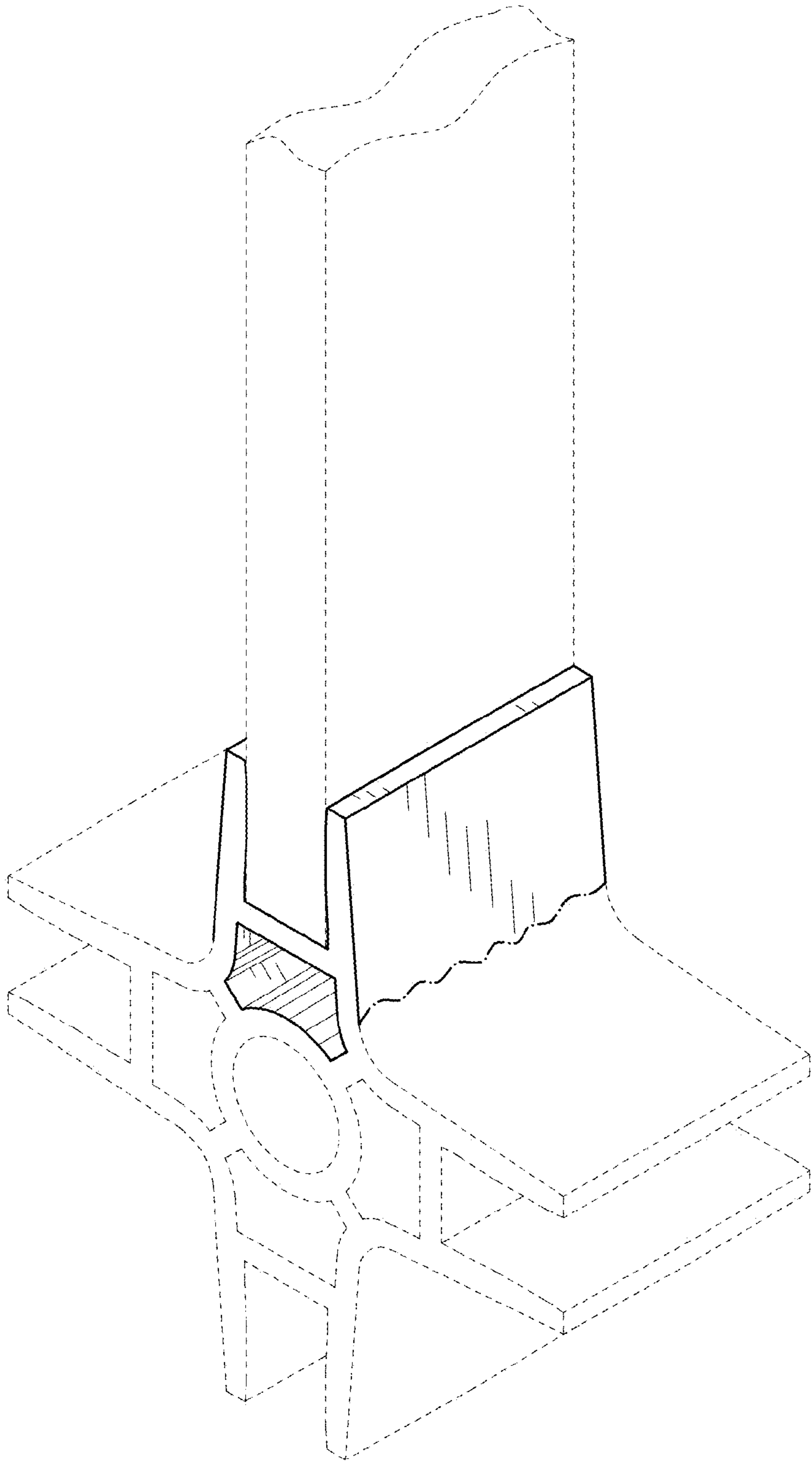


FIG. 8

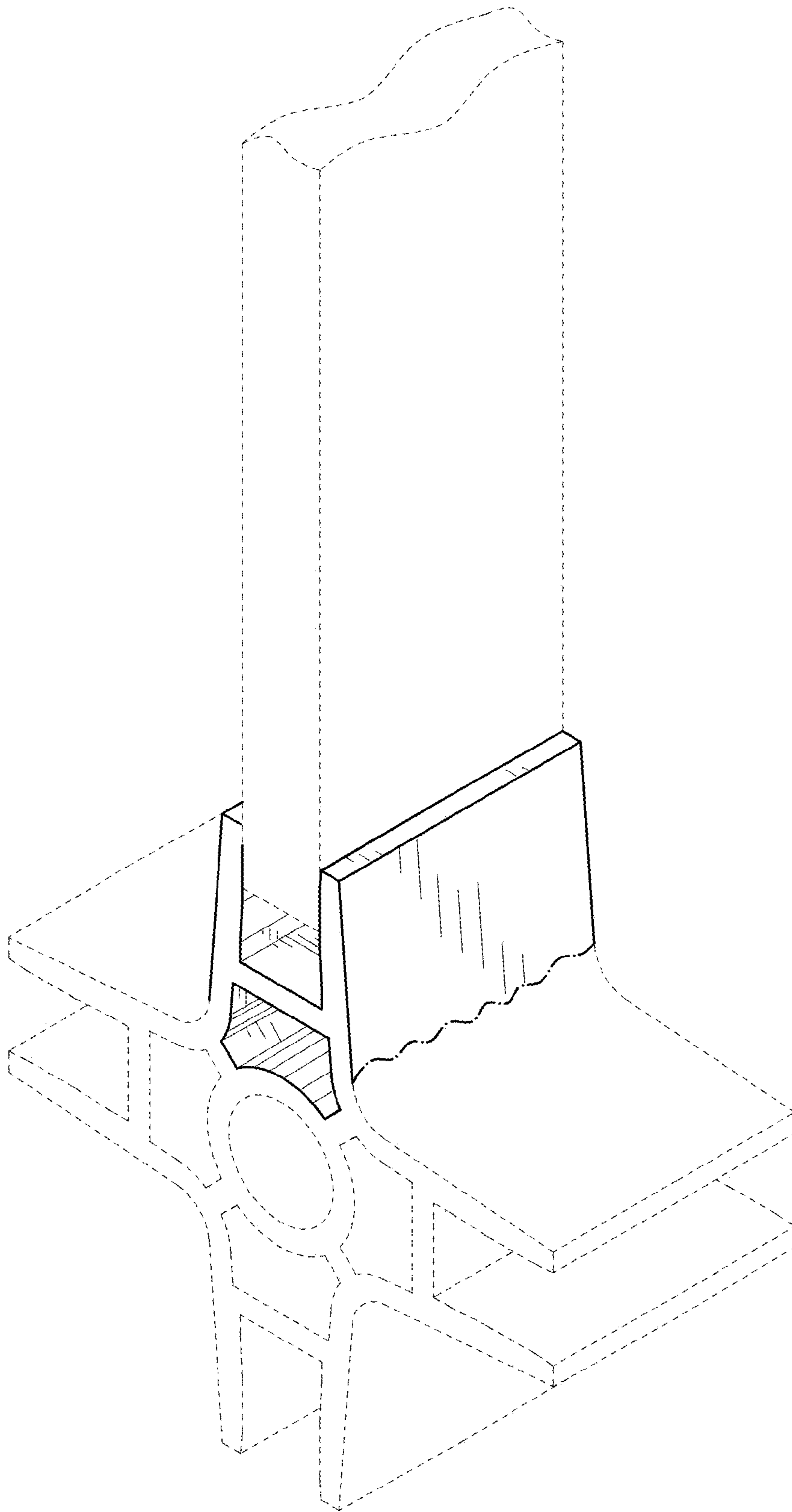


FIG. 9

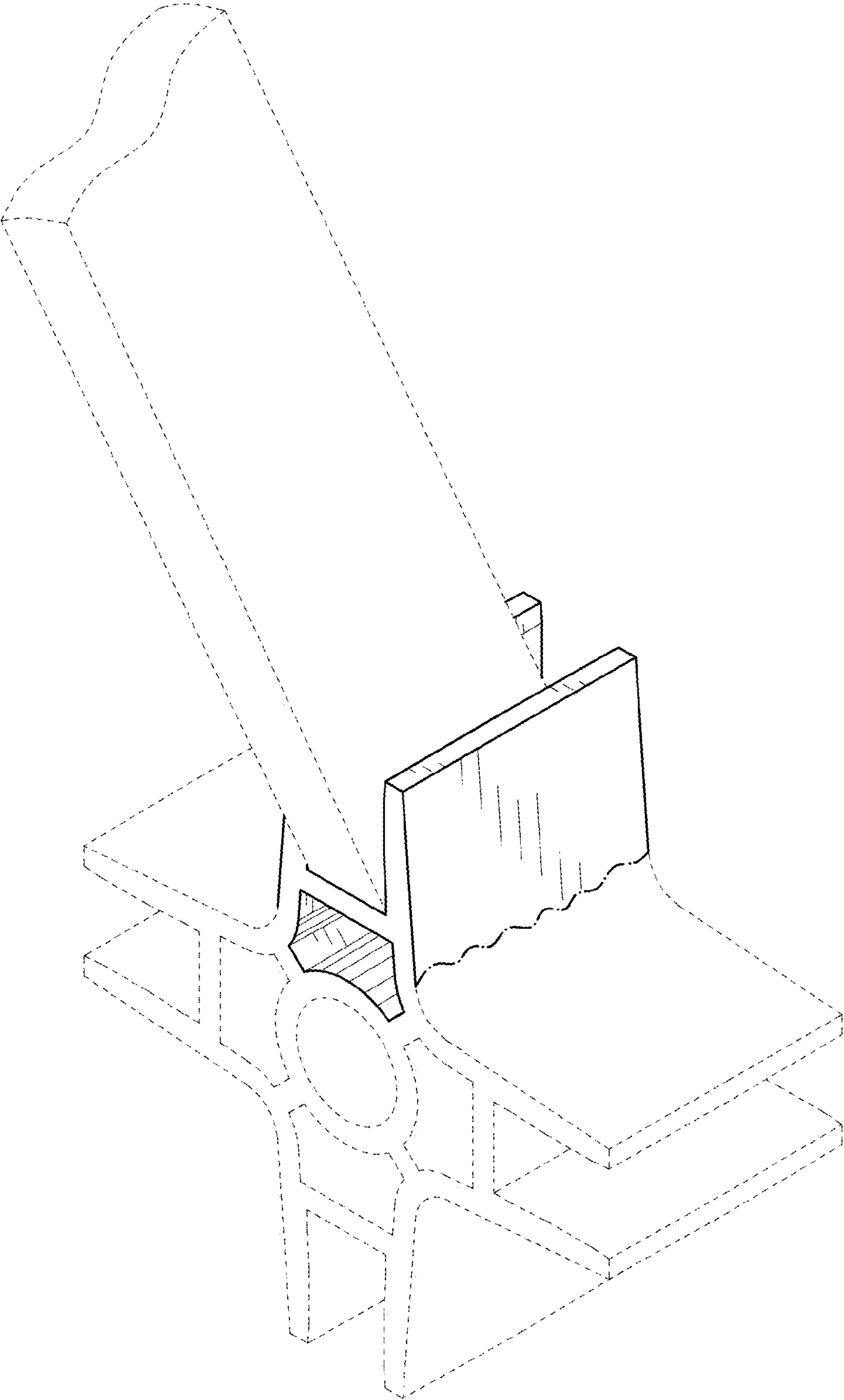


FIG. 10

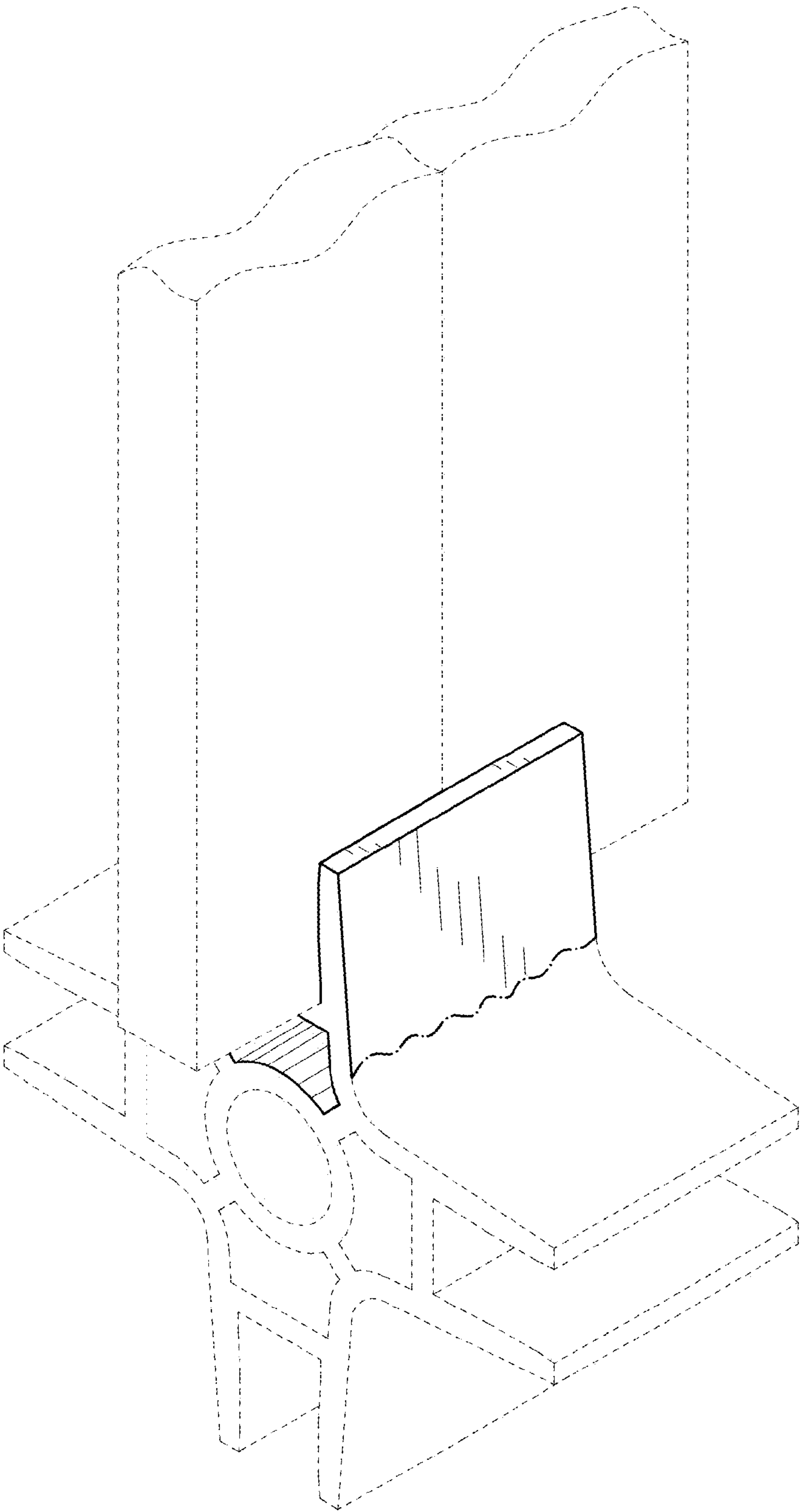


FIG. 11