



US0D1059637S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,059,637 S**
Johnson et al. (45) **Date of Patent:** **** Jan. 28, 2025**

(54) **DECK FRAME JOIST**

(71) Applicant: **The AZEK Group LLC**, Chicago, IL
(US)

(72) Inventors: **Elijah R. Johnson**, Chicago, IL (US);
Eric Wehrli, Sugar Grove, IL (US);
Roger Edwin Winter, Chicago, IL
(US); **Jason Andrew Davoll**, Chicago,
IL (US); **Charles William Herr, III**,
Columbus, OH (US); **Isaac Russell**
Fox, Cincinnati, OH (US)

(73) Assignee: **The AZEK Group LLC**, Chicago, IL
(US)

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

(21) Appl. No.: **29/831,892**

(22) Filed: **Mar. 23, 2022**

(51) **LOC (15) Cl.** **25-01**

(52) **U.S. Cl.**
USPC **D25/122**

(58) **Field of Classification Search**

USPC ... D25/32, 38.1, 58, 61, 102, 122, 124, 132,
D25/119, 126; D34/29, 35
CPC E04C 2003/043; E04C 2003/0434; E04C
2003/026; E04F 13/0826; E04B
2001/2406; E04B 7/022; E04G 21/1891
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D298,057 S	*	10/1988	Mahnke	.....	D25/122
D301,909 S	*	6/1989	Heddon	.....	D21/785
D316,444 S	*	4/1991	Abbestam	.....	D25/122
D346,260 S	*	4/1994	Silbersky	.....	D34/35
D410,552 S	*	6/1999	Gabriele	.....	D25/122
D424,711 S	*	5/2000	Johnsson	.....	D25/122
D438,993 S	*	3/2001	Sjoholm	.....	D25/164
D459,774 S	*	7/2002	Lee	.....	D25/124

D583,081 S	*	12/2008	Ryan	.....	D25/38.1
D650,143 S	*	12/2011	Bhosale	.....	D34/29
D672,056 S	*	12/2012	Cetindag	.....	D25/61
D718,883 S		12/2014	Thrush et al.		

(Continued)

OTHER PUBLICATIONS

EZTUBE 100-100 Aluminum Extrusion Liner Guide Frame, available in Amazon.com, date first available Oct. 28, 2015 [online], [site visited Jul. 20, 2023], Available from the internet URL: <https://www.amazon.com/EZTUBE-Aluminum-Framing-System-100-100/dp/B00LP28B4E> (Year: 2015).*

(Continued)

Primary Examiner — Justin M Jonaitis

Assistant Examiner — Jasmine L. Comedy

(74) *Attorney, Agent, or Firm* — Shook, Hardy & Bacon
L.L.P.

(57) **CLAIM**

The ornamental design for a deck frame joist as shown and described.

DESCRIPTION

FIG. 1 depicts a front, right, top perspective view of a deck frame joist showing our new design.

FIG. 2 depicts a back, right, bottom perspective view thereof.

FIG. 3 depicts a top view thereof.

FIG. 4 depicts a bottom view thereof.

FIG. 5 depicts a front view thereof.

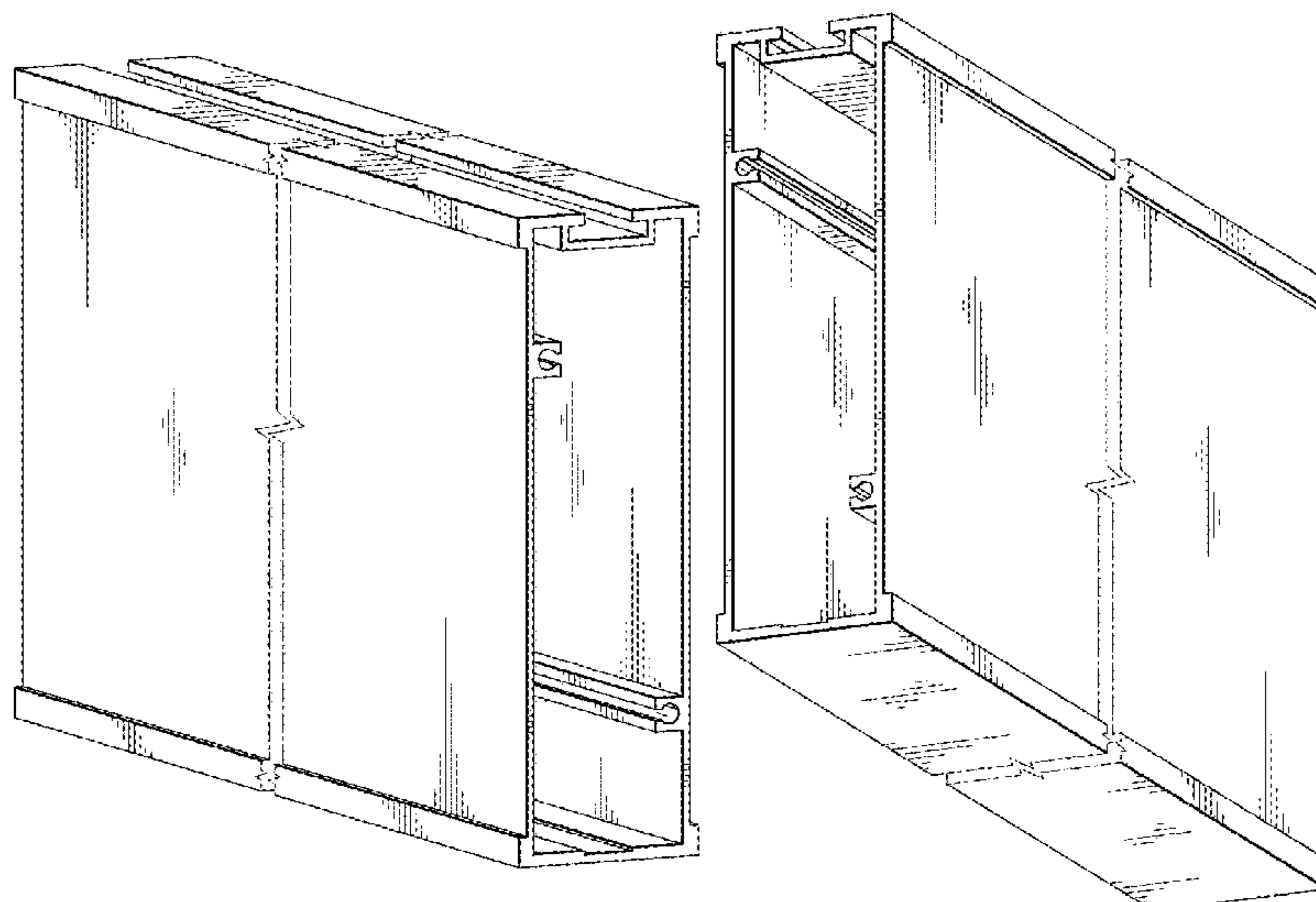
FIG. 6 depicts a back view thereof.

FIG. 7 depicts a left side view thereof; and,

FIG. 8 depicts a right side view thereof.

The figures show a symbolic break line. The break lines, as well as any portion of the article between the break lines, form no part of the claimed design. The long-short dash lines depict boundaries of the claimed design and do not form any part of the claimed design.

1 Claim, 3 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

9,057,190 B1 6/2015 Winter
D760,522 S * 7/2016 Bonuccelli D6/709
D765,882 S * 9/2016 Deleu D25/122
9,776,836 B2 * 10/2017 Spies E01B 25/24
D836,877 S * 12/2018 Mason D25/41.1
D881,417 S * 4/2020 Britton D25/126
D937,441 S * 11/2021 Noe D25/56
D954,301 S * 6/2022 Hendry D25/131
D963,897 S * 9/2022 Miller D25/133
D1,004,140 S * 11/2023 Voss D25/124

OTHER PUBLICATIONS

A500/A513 Carbon Steel Rectangular Tubing, available in Amazon.com, date first available Apr. 14, 2020 [online], [site visited Jul. 20, 2023], Available from the internet URL: <https://www.amazon.com/Carbon-Rectangular-Unpolished-Thickness-OnlineMetals/dp/B087V8CSNB?th=1> (Year: 2020).*

I-Beam, ISOFR, Gray, 4x2 In, available in Amazon.com, date first available Mar. 21, 2013 [online], [site visited Jul. 20, 2023], Available from the internet URL: <https://www.amazon.com/I-Beam-ISOFR-Gray-4x2-Th/dp/B007IBREZ8> (Year: 2013).*

HFS 4pcs 2020 T Slot Aluminum Extrusion Profile European Standard Anodized Linear Rail, available in Amazon.com, date first available Dec. 30, 2019 [online], [site visited Oct. 25, 2023], Available from the internet URL. <https://a.co/d/3Hn6p7u> (Year: 2019).

* cited by examiner

FIG. 1.

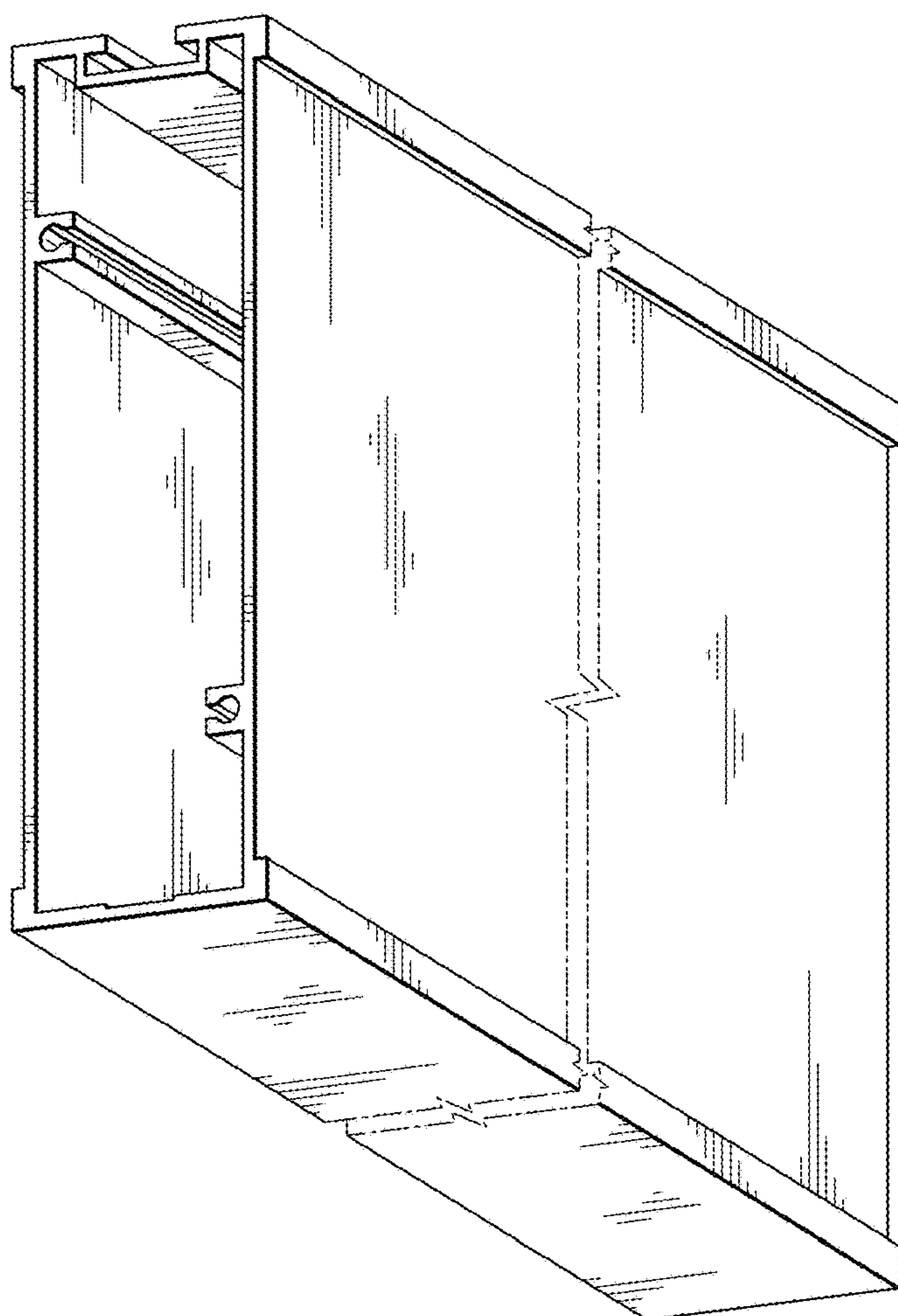
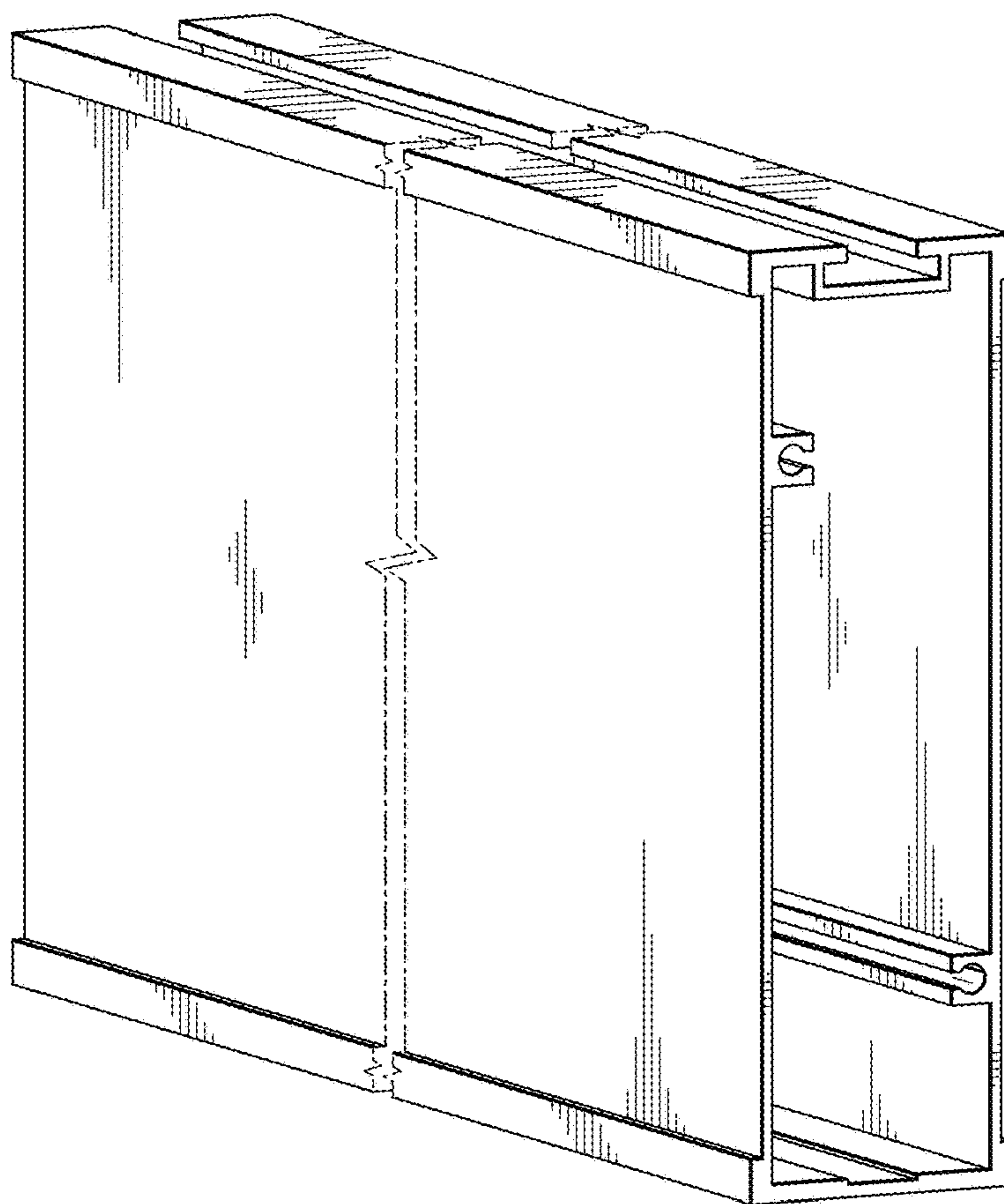


FIG. 2.

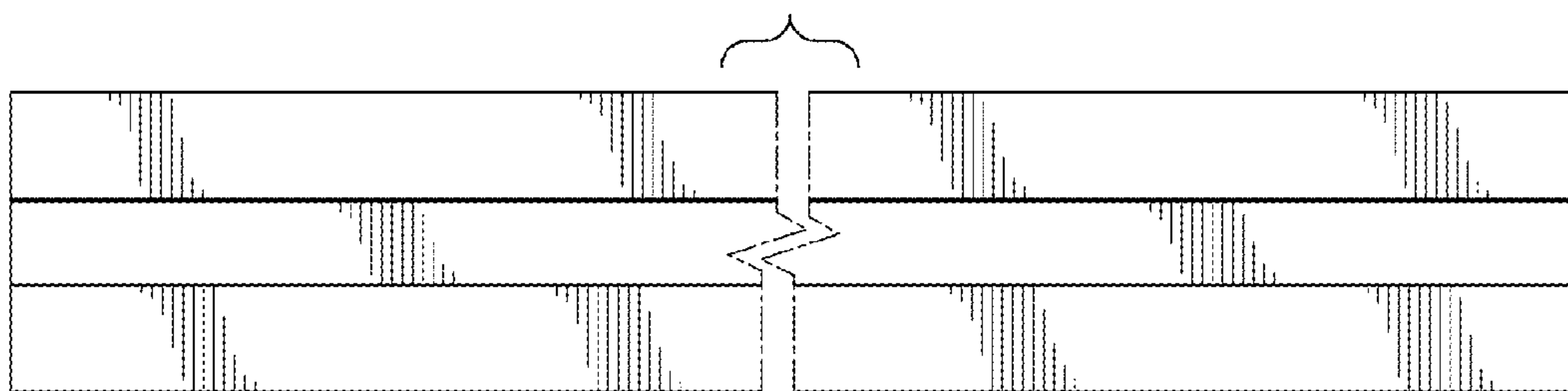


FIG. 3.

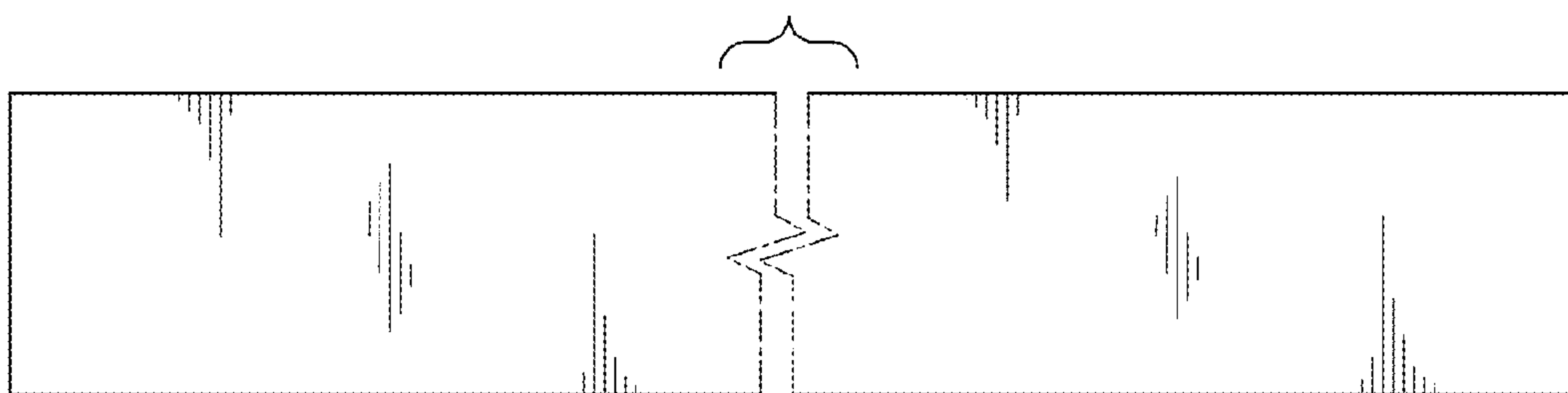


FIG. 4.

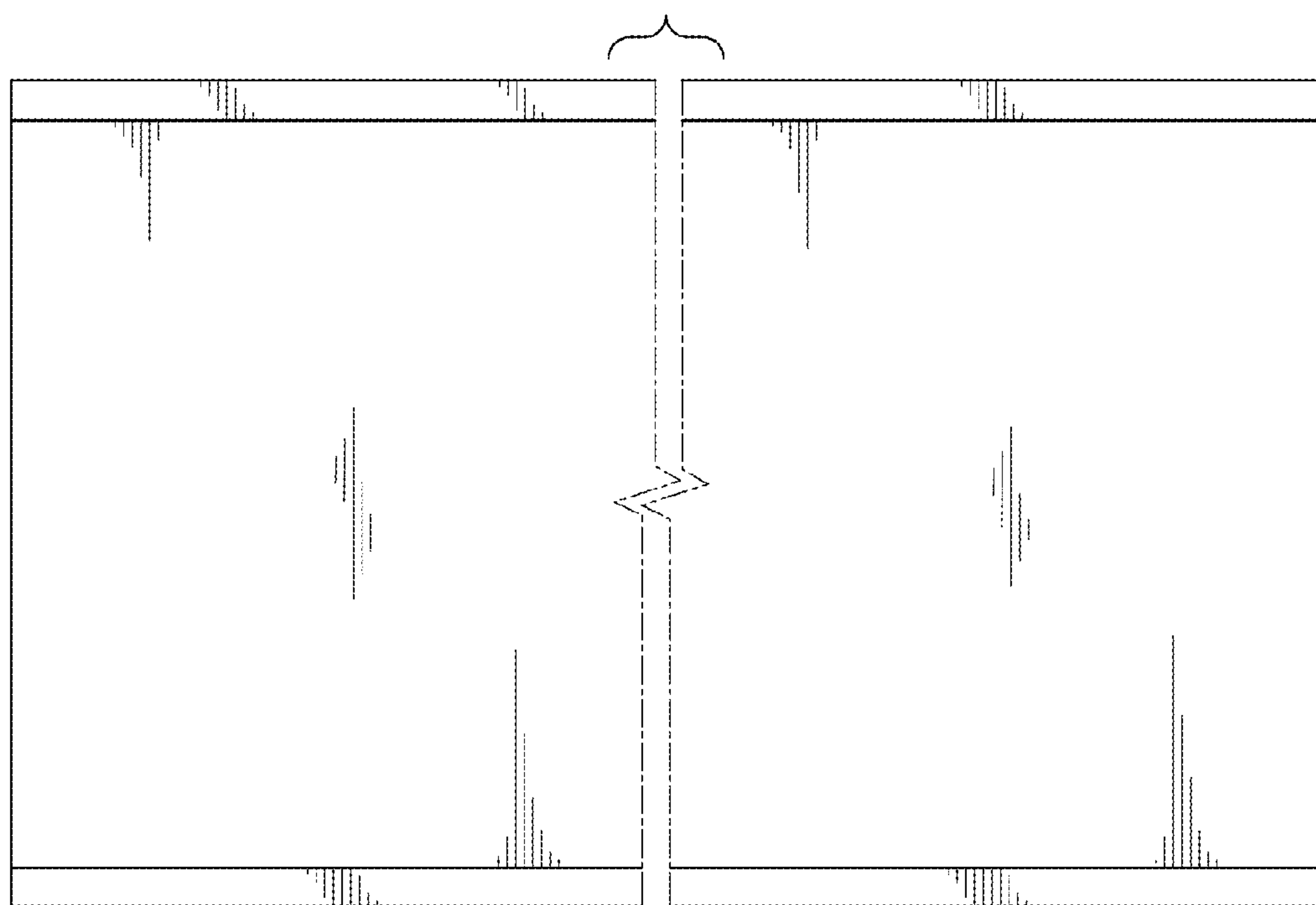


FIG. 5.

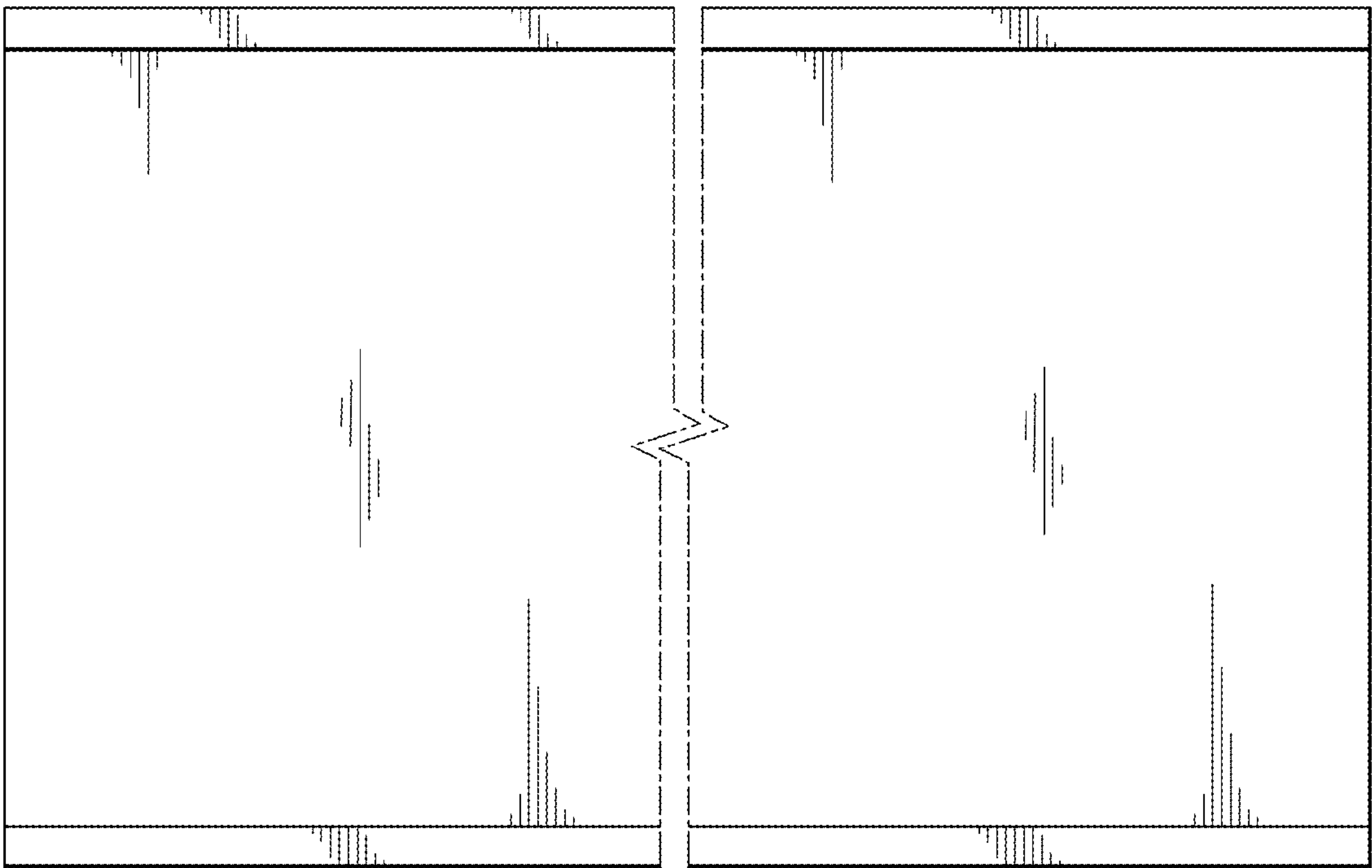


FIG. 6.

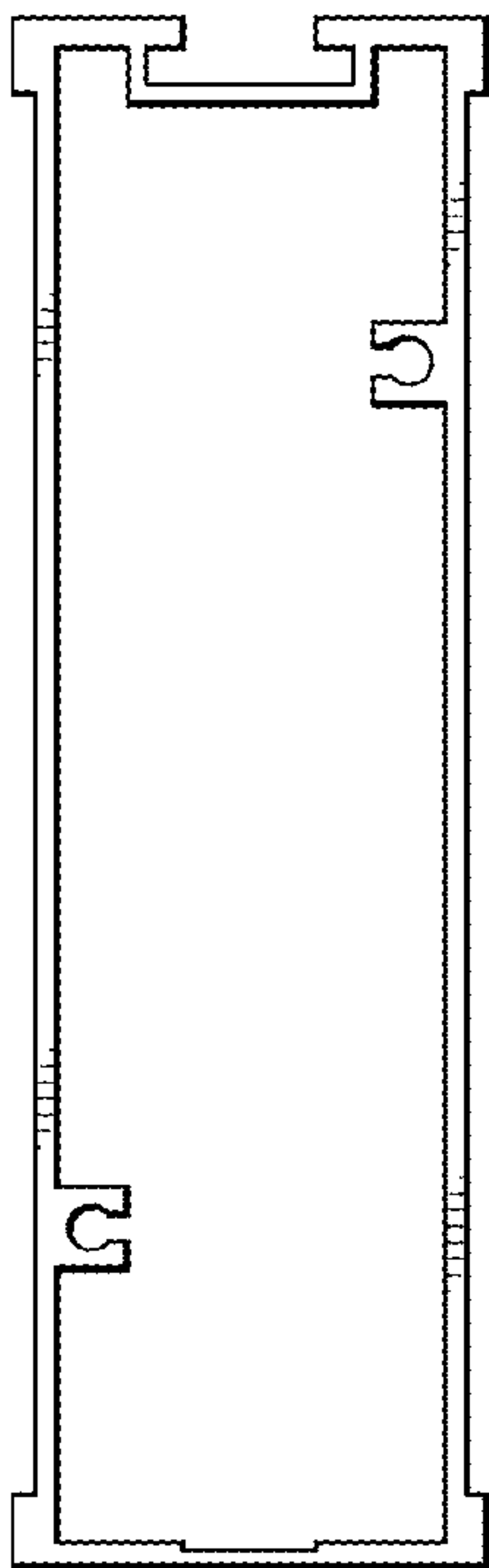


FIG. 7.

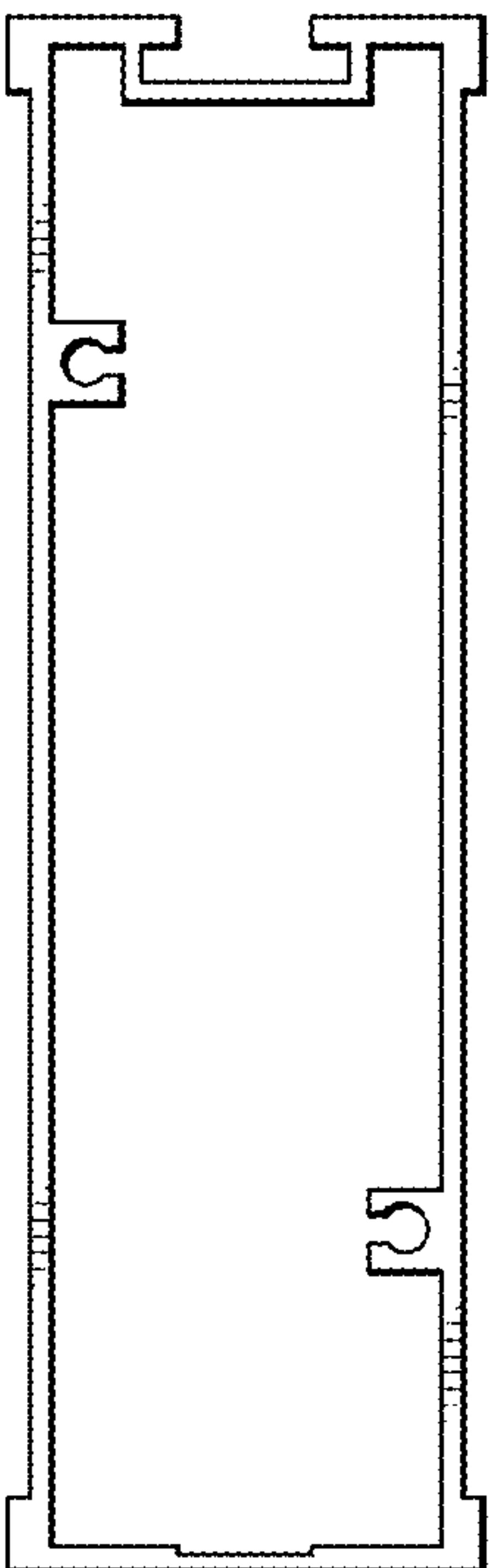


FIG. 8.