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Parker et al.

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(54)

COMBINED ELECTRICAL ENCLOSURE
AND MOUNT FOR WEARABLE PLUG AND
PLAY DEVICE

(71)

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(72)

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Term: 15 Years

D304,193	S	*	10/1989	Lotz		D14/240
D314,747	S	*	2/1991	Centola		D13/133
D340,059	S	*	10/1993	Wetzel	.....	D14/433
D353,144	S	*	12/1994	Brandt	.....	D14/242
D363,056	S	*	10/1995	Vinciarelli	.....	D13/110
D375,941	S	*	11/1996	Kerklaan	.....	D13/182
D421,597	S	*	3/2000	Oba	.....	D13/182
D430,116	S	*	8/2000	Huang	.....	D13/199
D444,449	S	*	7/2001	Yamamoto	.....	D13/107
D459,316	S	*	6/2002	Fukumoto	.....	D13/182
D543,506	S	*	5/2007	Peng	.....	D13/147
D543,507	S	*	5/2007	Peng	.....	D13/147
D594,411	S	*	6/2009	Mullen	.....	D13/110
D599,311	S	*	9/2009	Correll		D13/184
D599,312	S	*	9/2009	Correll		D13/184
D645,815	S	*	9/2011	Wu		D13/110

(Continued)

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(21)

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LOC (14) Cl.

..... 13-03

(52)

U.S. Cl.

USPC D13/184

(58)

Field of Classification Search

USPC ... D13/133, 101, 123, 146, 147, 153, 137.1,
D13/149, 160, 110, 117, 124, 125, 182,
D13/184; D14/433, 435.1
CPC G02B 6/38; G02B 6/38875; G02B 6/4284;
H01R 13/40; H01R 13/58; H01R 13/627;
H01R 13/66; H01R 13/6335; H01R
13/6272; H01R 13/6397; H01R 13/639;
H01R 13/6275; H01R 31/06; H01R
24/00; H01R 24/46; H01R 43/26
See application file for complete search history.

(57) CLAIM

The ornamental design for a combined electrical enclosure and mount for wearable plug and play device, as shown and described.

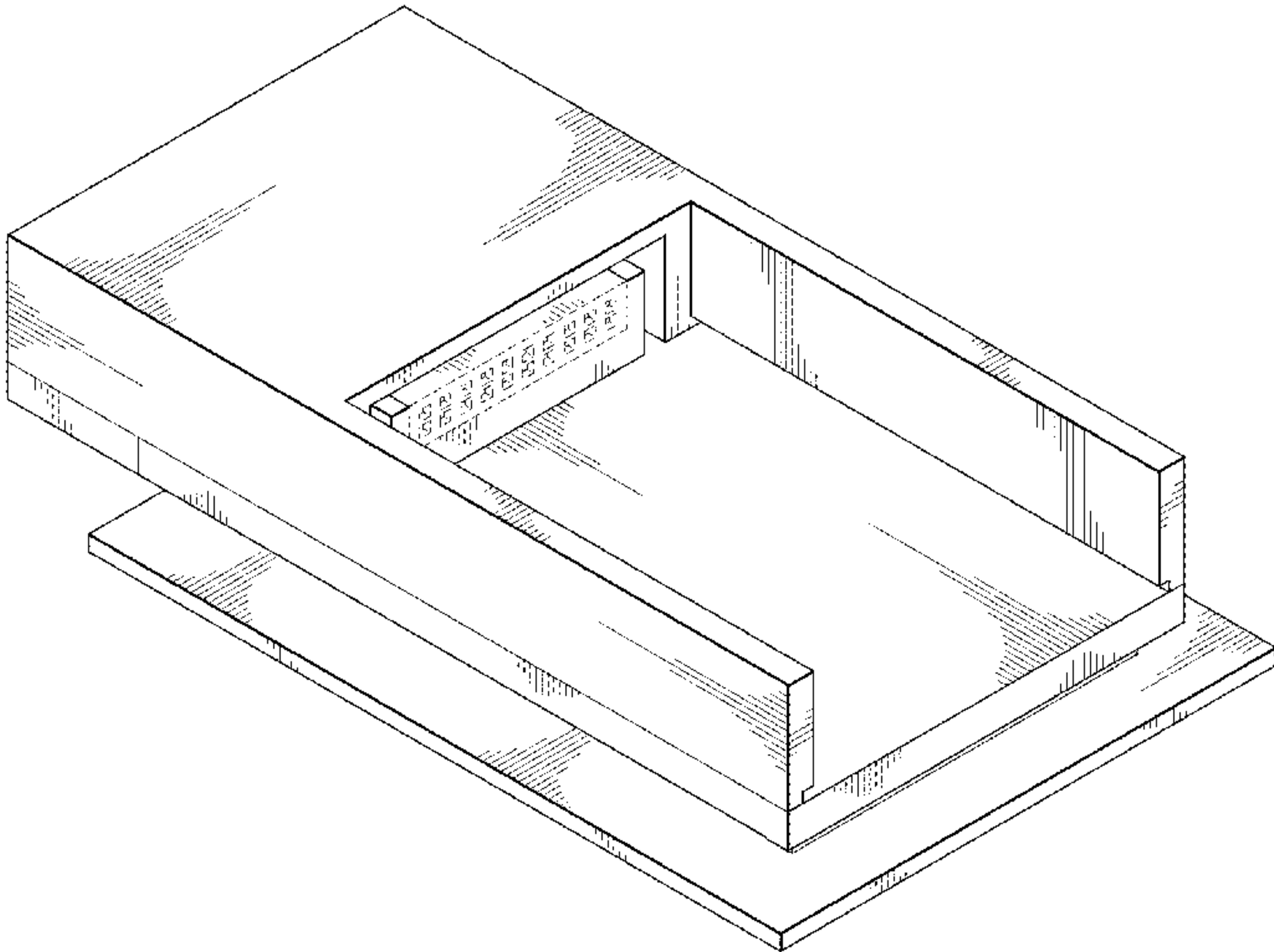
DESCRIPTION

FIG. 1 is a front perspective view of a plug and play wearable enclosure mount;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a rear elevation view thereof;
FIG. 4 is a right-side elevation view thereof;
FIG. 5 is a left-side elevation view thereof;
FIG. 6 is a top elevation view thereof; and,
FIG. 7 is a bottom elevation view thereof.
The broken lines shown in the drawings illustrate portions of the article that form no part of the claimed design.

(56) References Cited
U.S. PATENT DOCUMENTS

D251,246	S	*	3/1979	Thomas	.....	D13/147
D267,795	S	*	2/1983	Mallon	.....	D13/119

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D764,424 S * 8/2016 Matsumoto D13/182
D973,598 S * 12/2022 Tian H01R 13/4226
D13/147

* cited by examiner

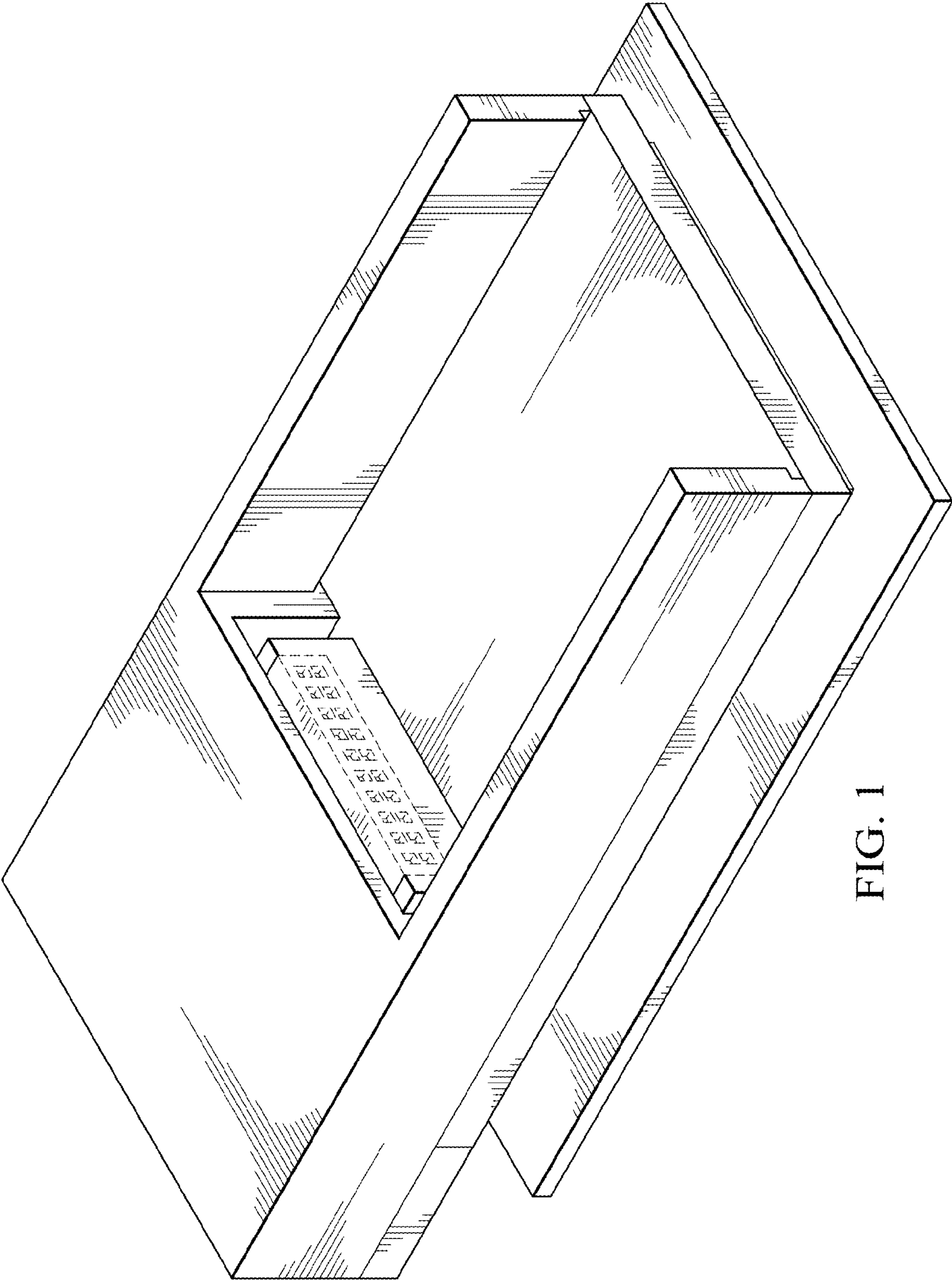


FIG. 1

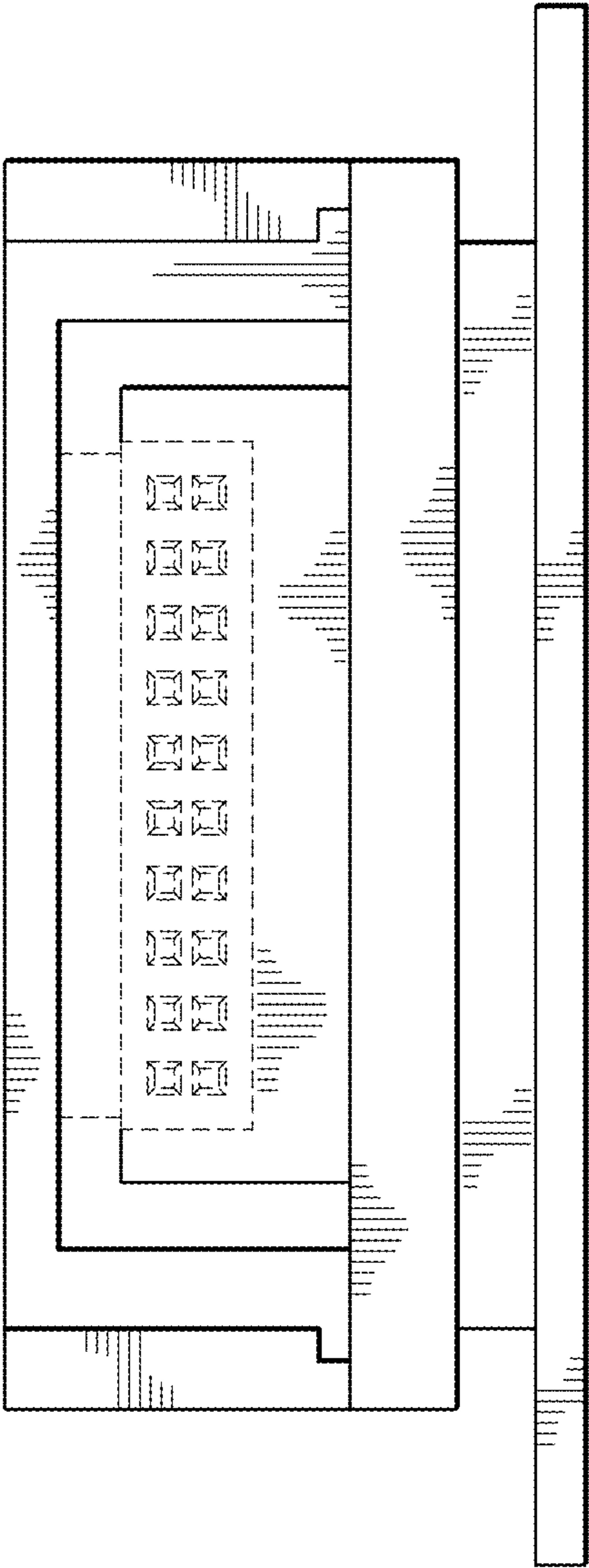


FIG. 2

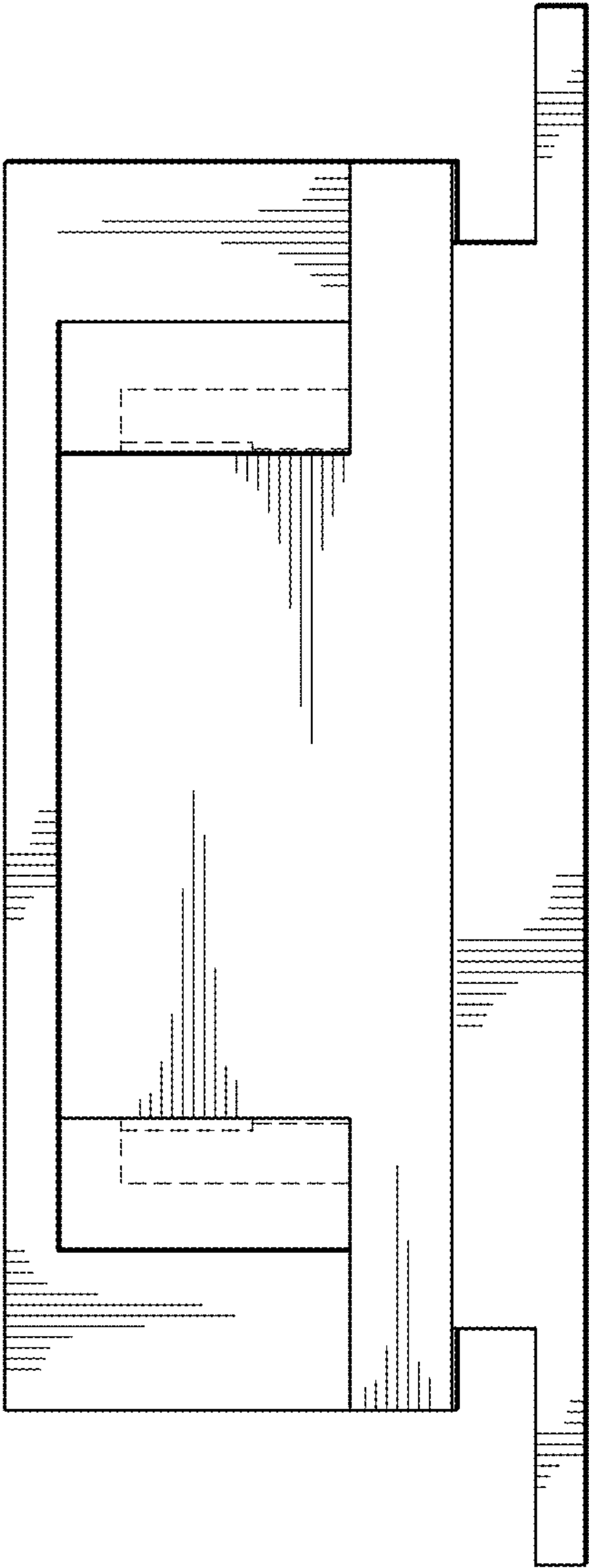


FIG. 3

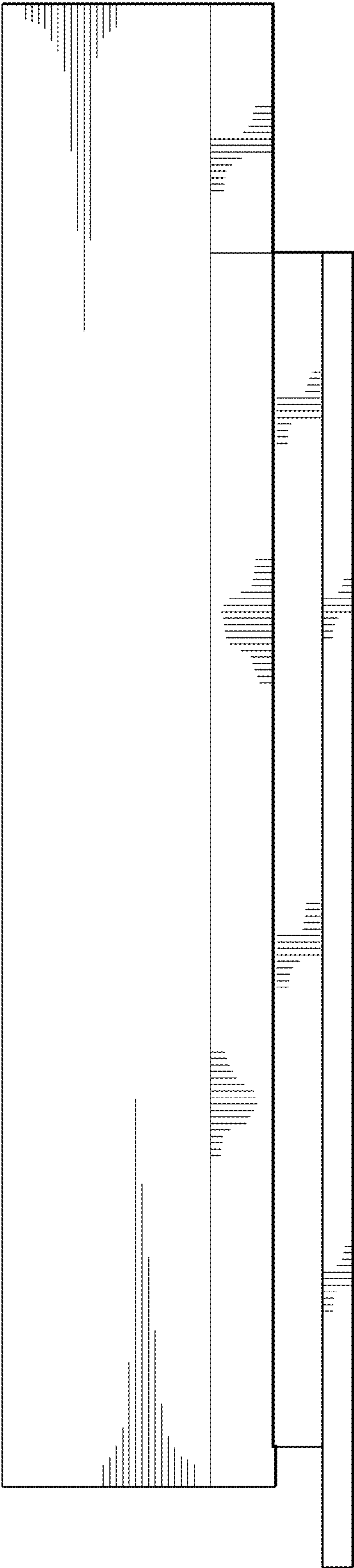


FIG. 4

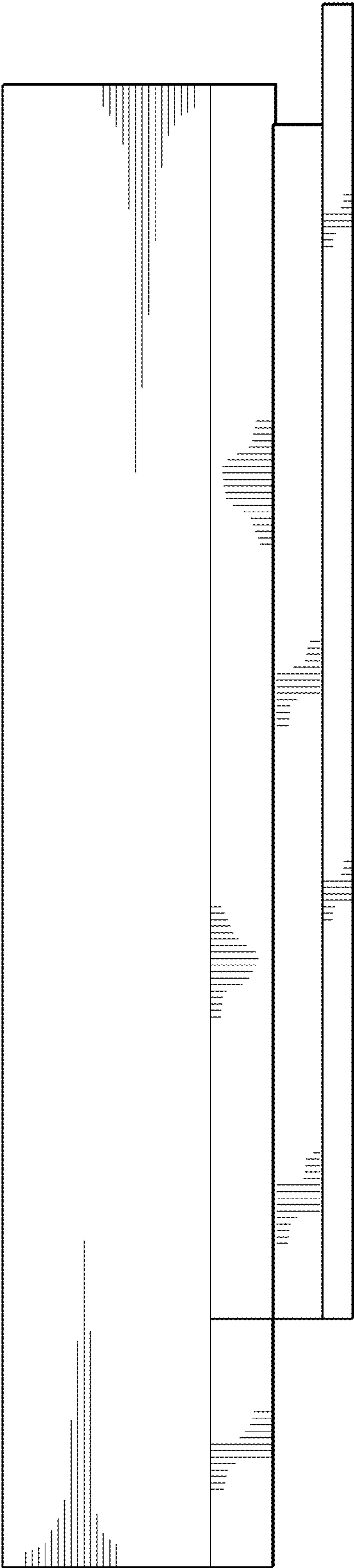


FIG. 5

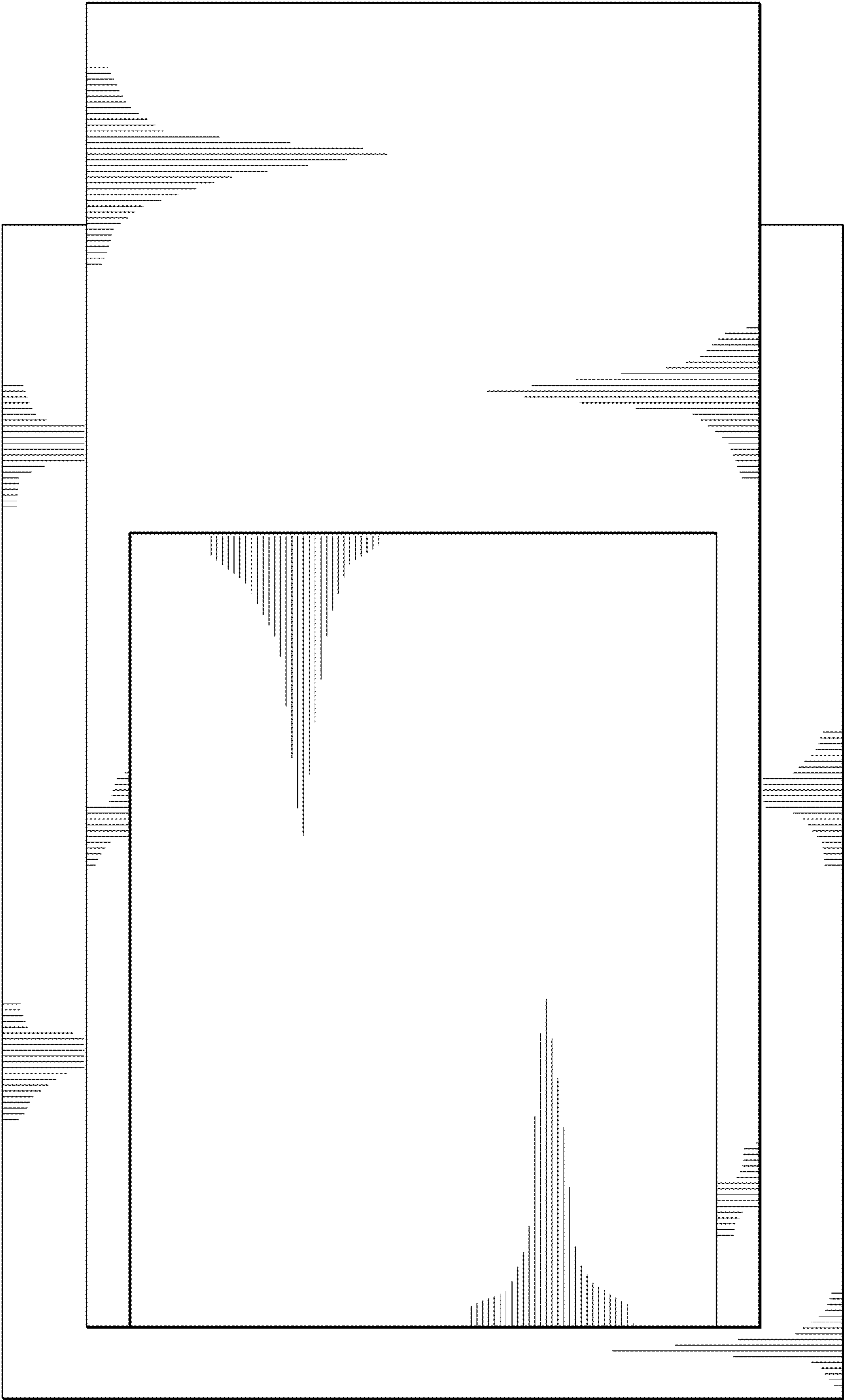


FIG. 6



FIG. 7