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

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(54) **EXTRUSION FOR LED BASED LIGHTING APPARATUS**

(71) Applicant: **KLUS, LLC**, Vero Beach, FL (US)

(72) Inventor: **Sylwester Klus**, Kamionka (PL)

(73) Assignee: **KLUS, LLC**, Vero Beach, FL (US)

(*) Notice: This patent is subject to a terminal disclaimer.

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

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(52) **U.S. Cl.**
USPC **D26/138**

(58) **Field of Classification Search**
USPC D26/72, 113, 118, 119, 120, 121, 122,
D26/138, 139, 140, 141, 142, 145, 152,
D26/154, 155, 76, 78
CPC F21S 8/00; F21S 8/031; F21S 8/033; F21S
8/038; F21K 9/20; F21K 9/237; F21V
15/013; F21V 17/04; F21V 21/00; F21V
21/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,265,990	A	*	5/1918	Benner	.....	F01N 3/281
						D25/123
D222,830	S	*	1/1972	Dover	.....	D25/60
D247,636	S	*	3/1978	Win	.....	D26/152
D247,637	S	*	3/1978	Win	.....	D26/152
D263,882	S	*	4/1982	Dallaire	.....	D25/122
D272,711	S	*	2/1984	Griset	.....	D15/140
D343,909	S	*	2/1994	Flynn	.....	D25/123
D648,448	S	*	11/2011	Apgood, II	.....	D25/138
D649,263	S	*	11/2011	Brabeck	.....	D25/119
D674,220	S	*	1/2013	Kim	.....	D6/702

D693,051	S	*	11/2013	Klu	.....	D26/138
D695,953	S	*	12/2013	Klu	.....	D26/138
D715,994	S	*	10/2014	Klus	.....	D26/141
D724,256	S	*	3/2015	Klus	.....	D26/141
D782,105	S	*	3/2017	Klus	.....	D26/138
D799,720	S	*	10/2017	Tress	.....	D25/119
D808,578	S	*	1/2018	Klus	.....	D26/138

(Continued)

FOREIGN PATENT DOCUMENTS

CN 305991376 * 8/2020

OTHER PUBLICATIONS

“Muzata” reference by Muzata on Amazon.com, date first available Sep. 8, 2020 [online], site visited Jun. 29, 2022, available from internet URL: <https://www.amazon.com/Muzata-Channel-Diffuser-Protected-Fadeless/dp/B08HN36YBM> (Year: 2020).*

(Continued)

Primary Examiner — Marissa J Cash

Assistant Examiner — Liv C Anderson

(74) *Attorney, Agent, or Firm* — Mark Terry

(57) **CLAIM**

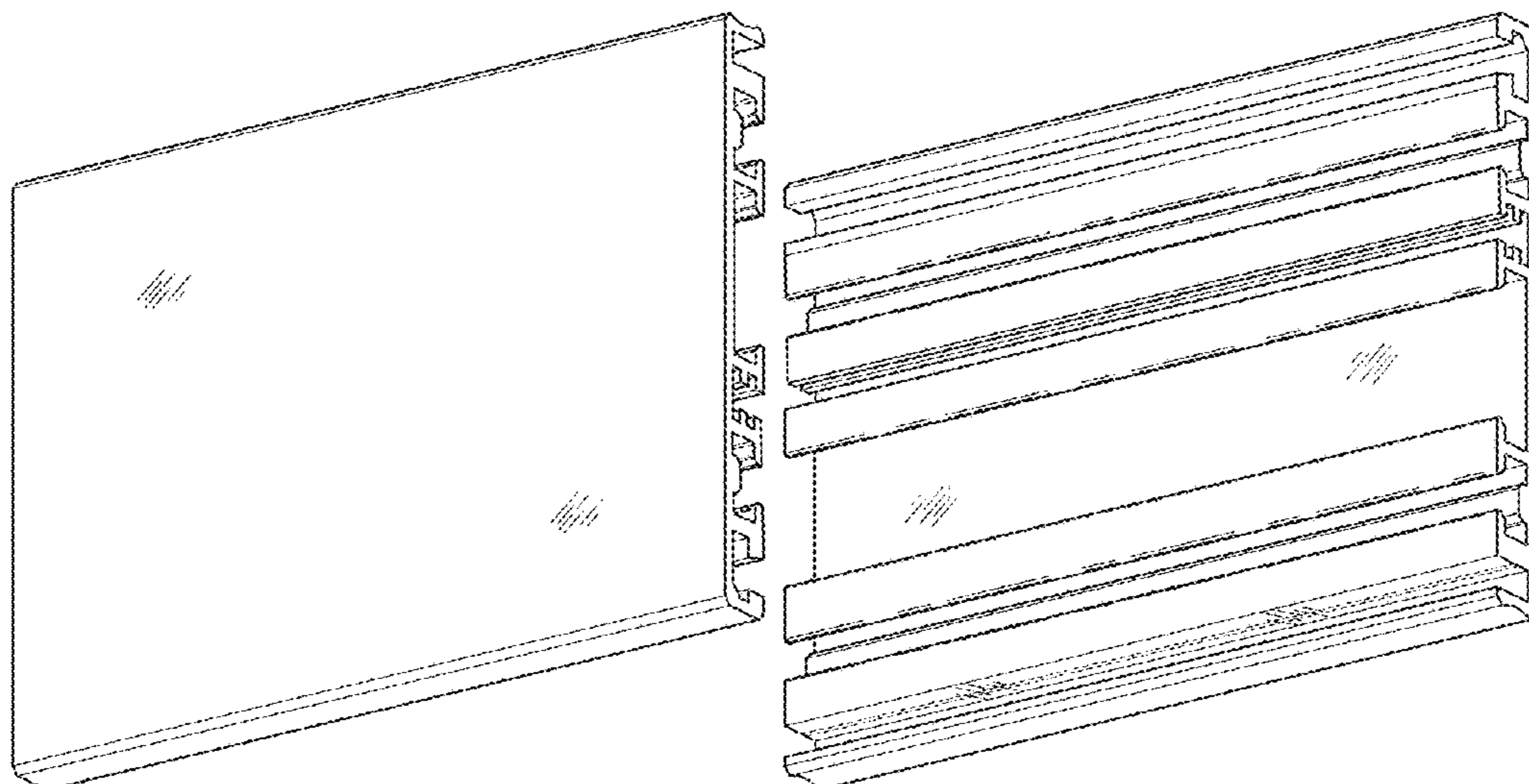
The ornamental design for an extrusion for LED based lighting apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the extrusion for LED based lighting apparatus, showing the new design; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a side view thereof; FIG. 5 is rear view thereof; and, FIG. 6 is a bottom view thereof.

The broken lines in the drawings depict portions of the extrusion for LED based lighting apparatus that form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D808,579 S * 1/2018 Klus D26/138
D824,584 S * 7/2018 Klus D26/138
D832,216 S * 10/2018 Tyrrell D13/139.2
D919,877 S * 5/2021 Klus D26/138
D923,203 S * 6/2021 Muther D25/119
D946,200 S * 3/2022 Gorman D26/141
D951,530 S * 5/2022 Klus D26/138
D955,035 S * 6/2022 King D26/140
D963,237 S * 9/2022 Wong D8/354
2017/0191640 A1 * 7/2017 Ji F21V 15/015

OTHER PUBLICATIONS

“StarlandLed” reference by Olicto on Amazon.com, date first available Nov. 11, 2018 [online], site visited Jun. 29, 2020, available from internet URL: <https://www.amazon.com/StarlandLed-Aluminum-Mounting-Installations-Installation/dp/B07KDSYLGG> (Year: 2018).*

* cited by examiner

FIG. 1

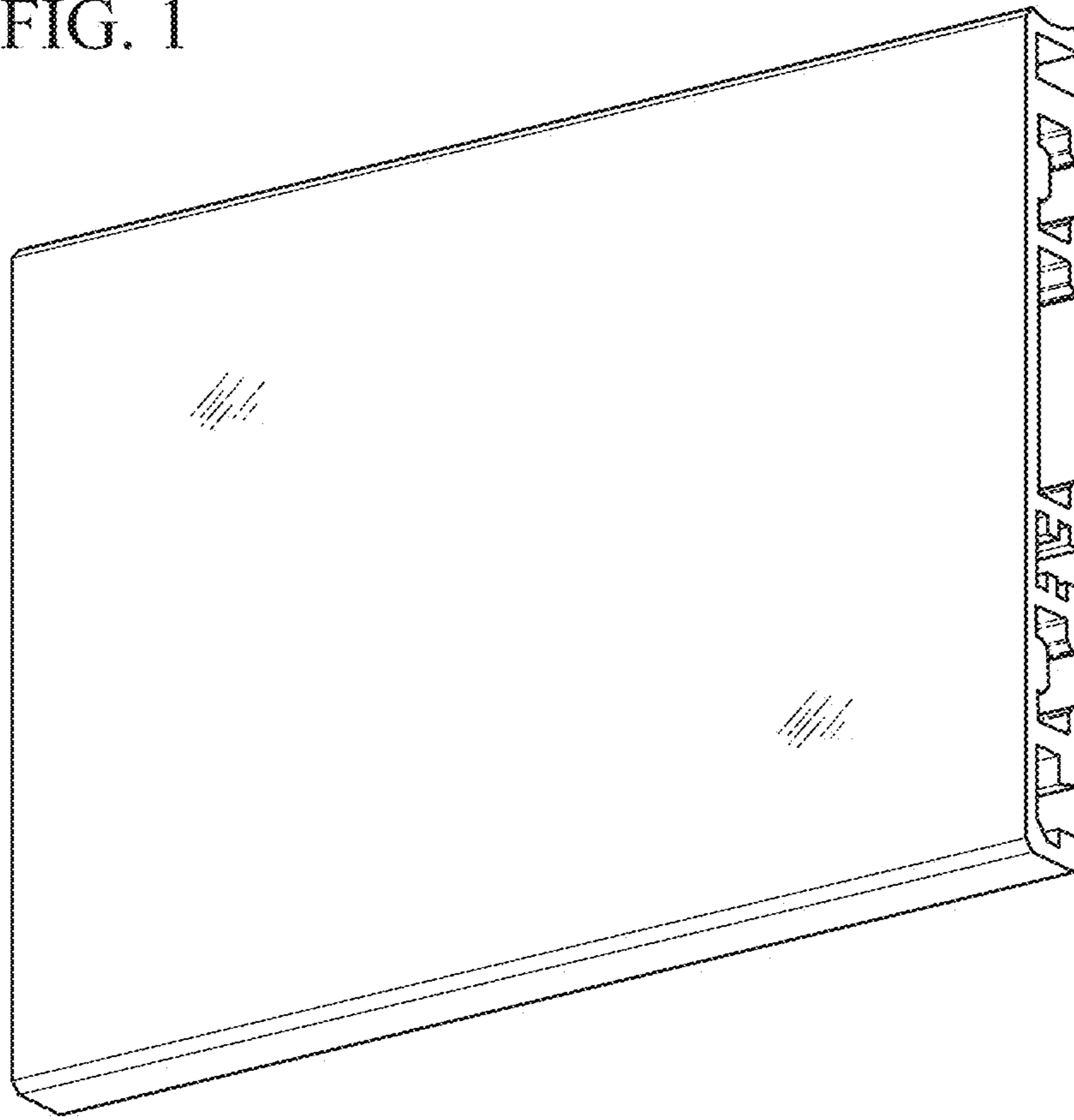


FIG. 2

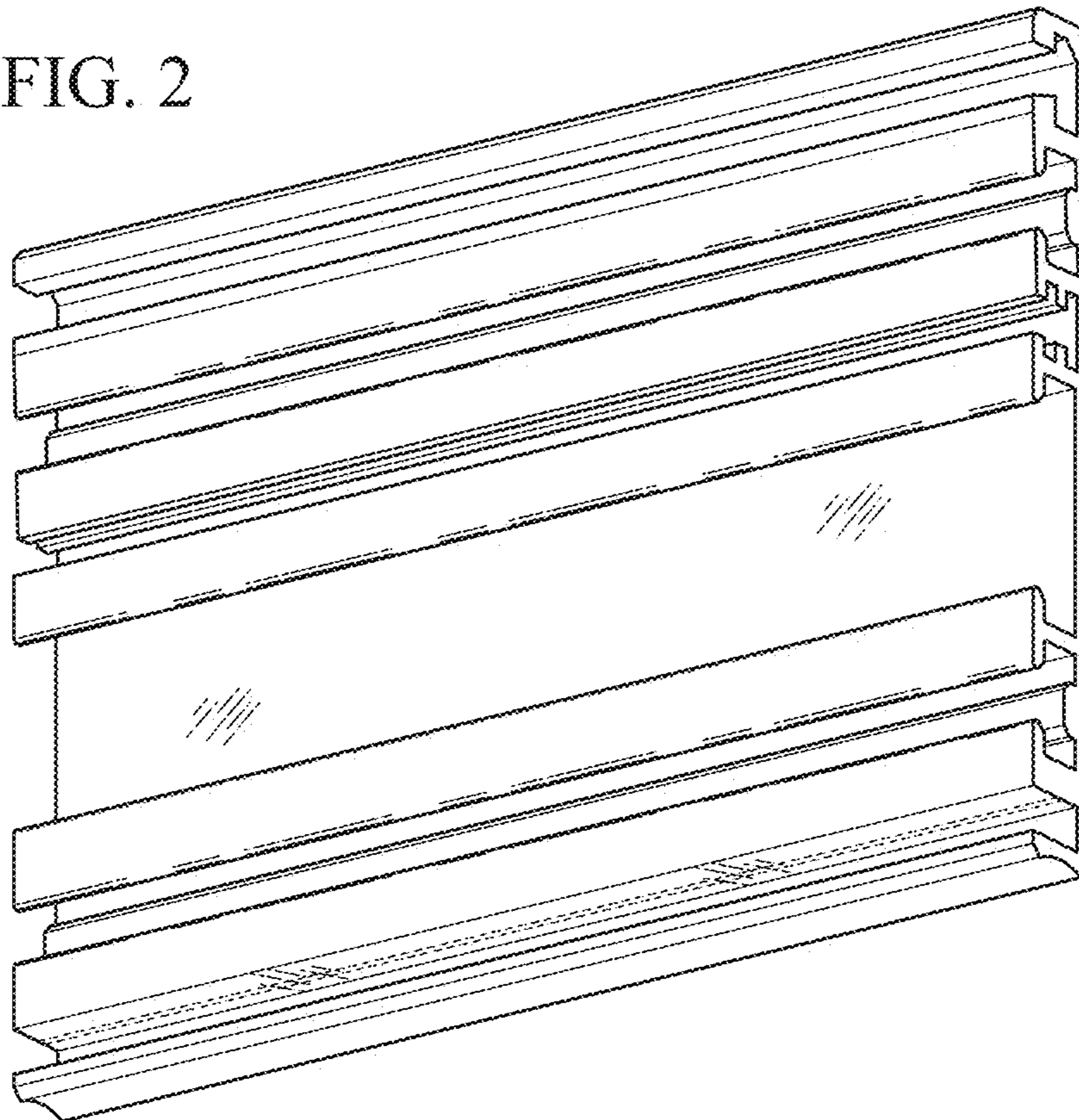


FIG. 3

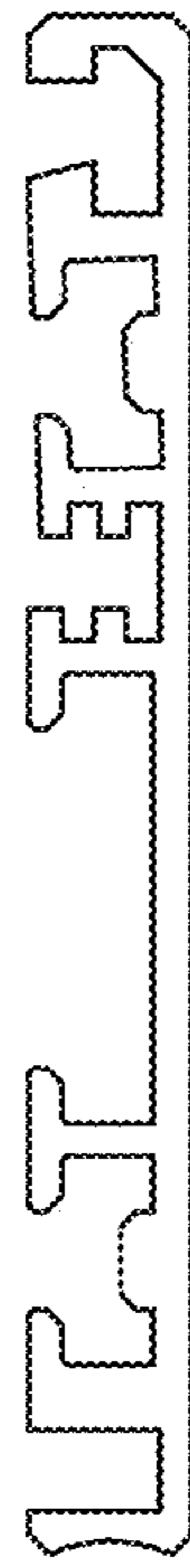


FIG. 4

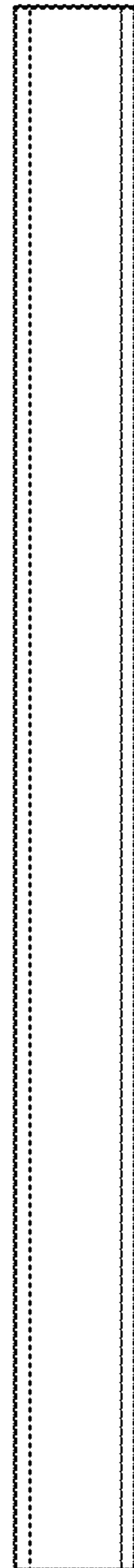


FIG. 5

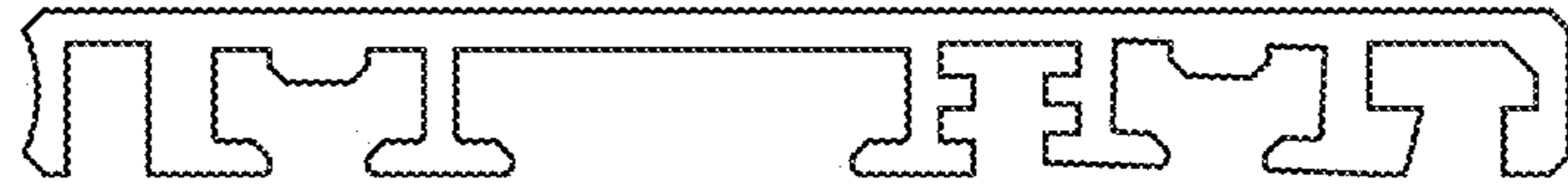


FIG. 6

