



US00D954000S

(12) **United States Design Patent**
Krivosnak et al.

(10) **Patent No.:** **US D954,000 S**
(45) **Date of Patent:** **** Jun. 7, 2022**

- (54) **VERTICAL INVERTER BUSBAR**
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D794,574	S *	8/2017	Murphy	D13/154
D798,822	S *	10/2017	Jiang	D13/154
D816,619	S *	5/2018	Murphy	D13/154
10,454,349	B2 *	10/2019	Ratadiya	.....	H02M 7/003
D896,184	S *	9/2020	Murphy	.....	D13/154
D918,845	S *	5/2021	Murphy	.....	D13/154
11,102,900	B2 *	8/2021	Kuttenkuler	.....	H02K 11/046
2006/0191703	A1 *	8/2006	Charrier	.....	H02G 5/00
					174/68.1
2011/0235276	A1 *	9/2011	Hentschel	.....	H05K 7/20927
					361/699
2016/0308455	A1 *	10/2016	Ratadiya	.....	H02M 7/003
2019/0366951	A1 *	12/2019	Young	.....	H01G 2/04
2020/0366216	A1 *	11/2020	Usui	.....	H05K 1/181

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

* cited by examiner

(21) Appl. No.: **29/725,482**

Primary Examiner — Selina Sikder

(22) Filed: **Feb. 25, 2020**

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(51) **LOC (13) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/154; D13/147**

(58) **Field of Classification Search**
USPC D13/123, 133, 146, 154, 147
CPC ... H02B 1/20; H02B 1/21; H02B 1/22; H02G
5/00; H02G 5/005; H02G 5/007; H02G
5/04; H02G 5/06; H02M 7/003; H02M
7/44; H02P 27/06; H05K 7/1432; B60R
16/02

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D742,328	S *	11/2015	Murphy	.....	D13/154
D743,897	S *	11/2015	Krivosnak	.....	D13/147
D743,899	S *	11/2015	Murphy	.....	D13/147
D743,900	S *	11/2015	Murphy	.....	D13/147
9,270,199	B2 *	2/2016	Kobayashi	.....	H05K 7/20918
D760,658	S *	7/2016	Perlaguri	.....	D13/154
D760,663	S *	7/2016	Krivosnak	.....	D13/154
D760,664	S *	7/2016	Murphy	.....	D13/154
D782,981	S *	4/2017	Murphy	.....	D13/154

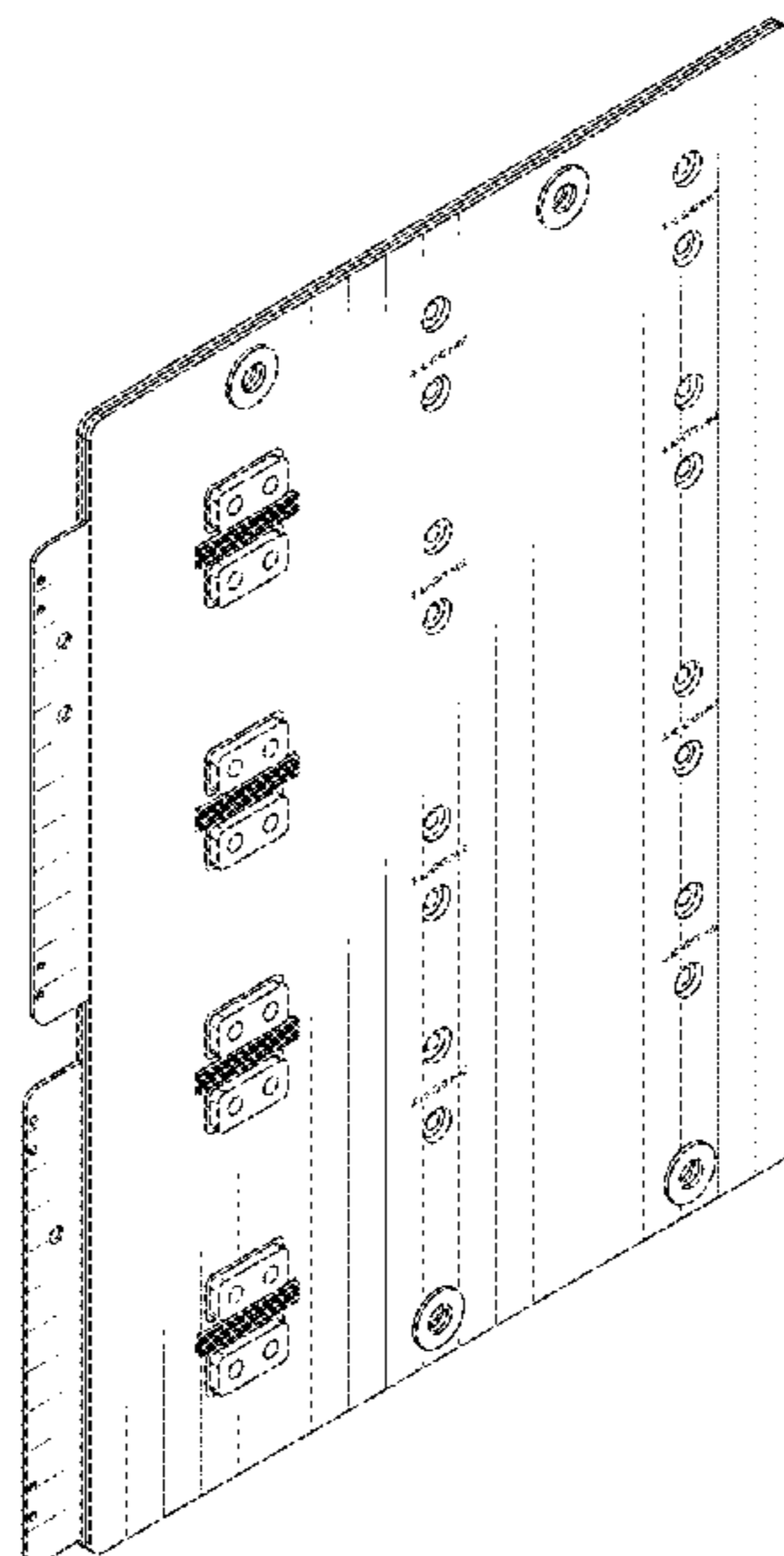
(57) **CLAIM**

The ornamental design for a vertical inverter busbar, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the vertical inverter busbar; FIG. 2 is a left side view of the vertical inverter busbar shown in FIG. 1; FIG. 3 is a right side view of the vertical inverter busbar shown in FIG. 1; FIG. 4 is a front view of the vertical inverter busbar shown in FIG. 1; FIG. 5 is a rear view of the vertical inverter busbar shown in FIG. 1; FIG. 6 is a top view of the vertical inverter busbar shown in FIG. 1; and, FIG. 7 is a bottom view of the vertical inverter busbar shown in FIG. 1. The broken lines depict portions of the vertical inverter busbar which form no part of the claimed design.

1 Claim, 4 Drawing Sheets



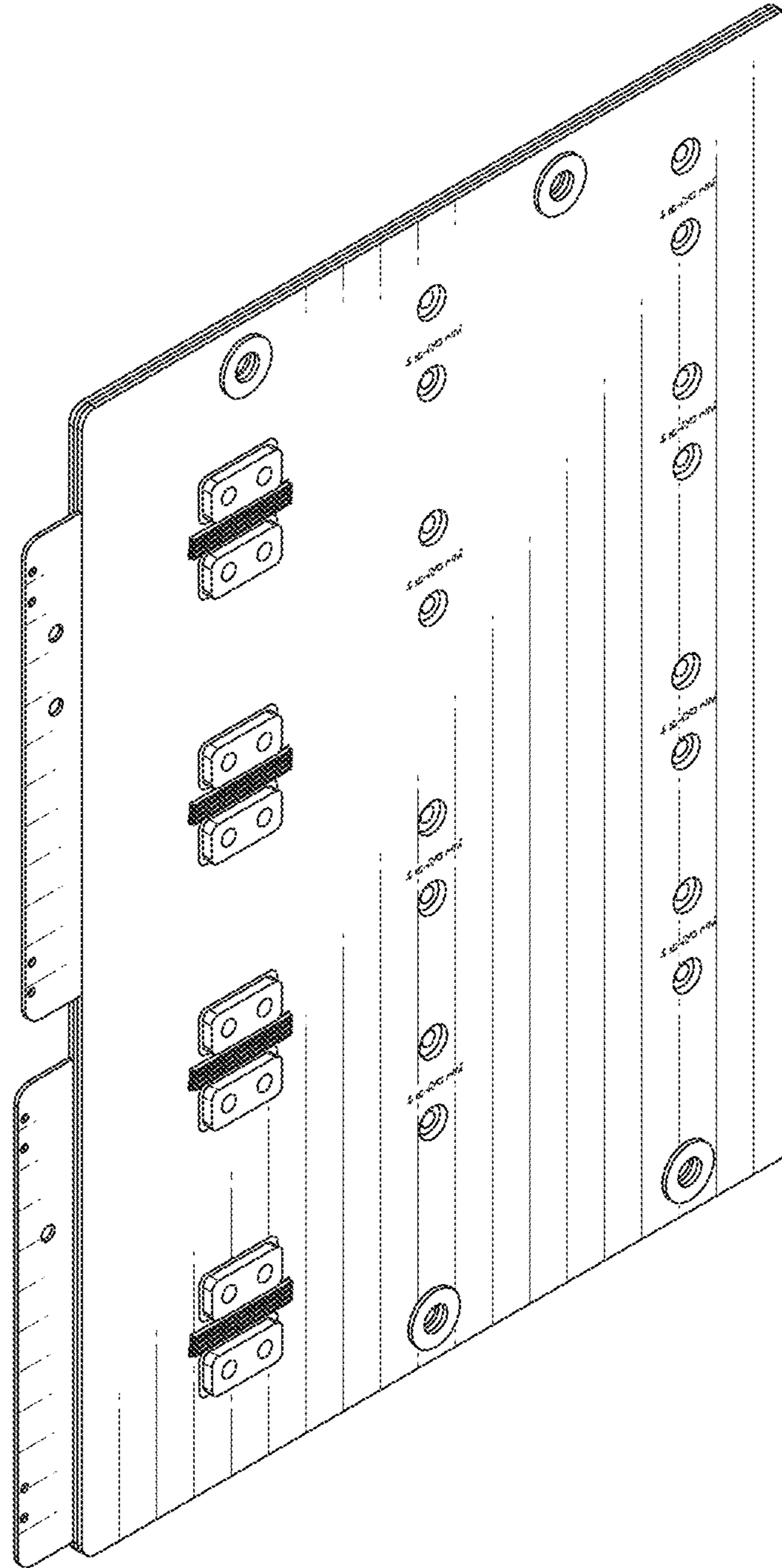


FIG. 1

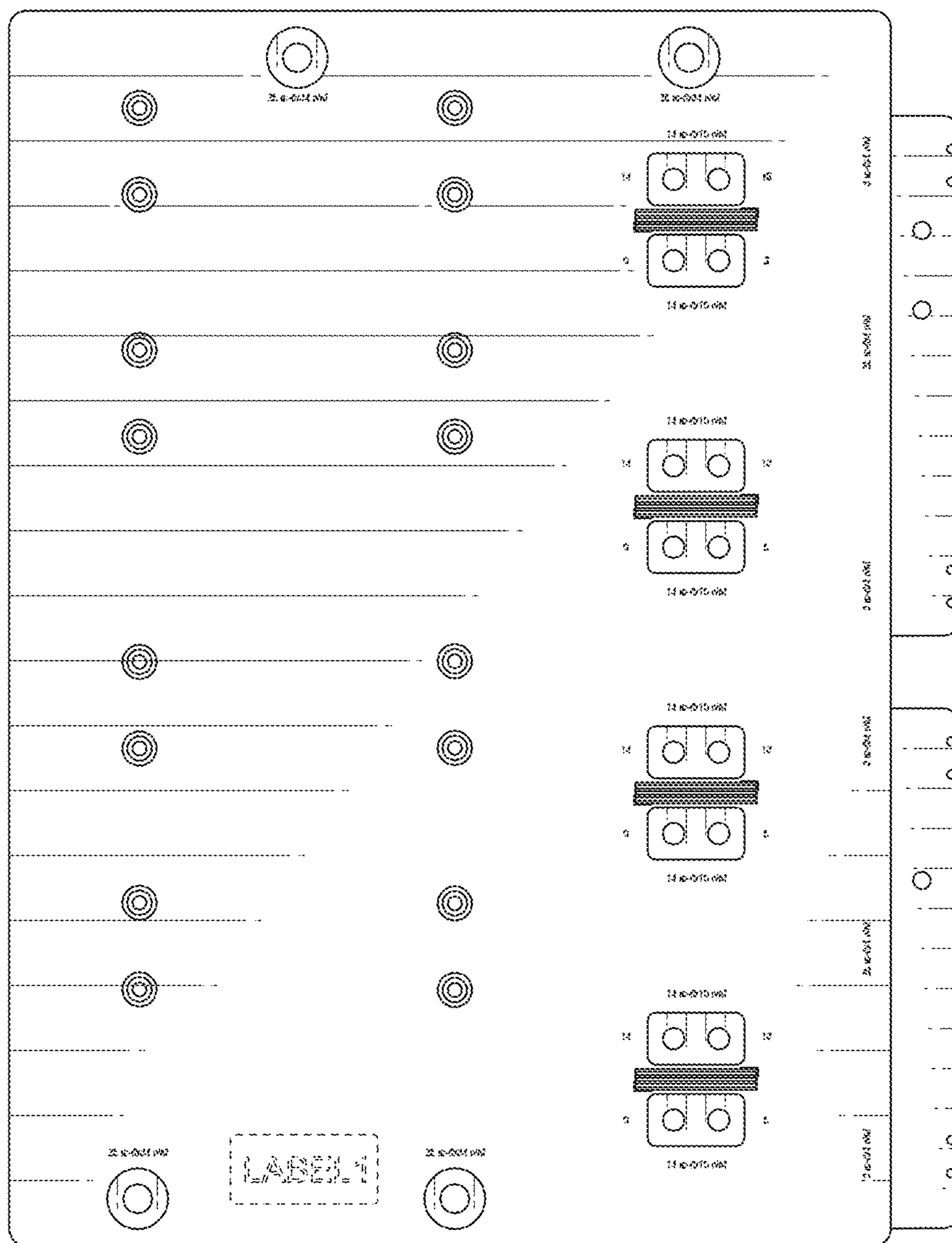


FIG. 2

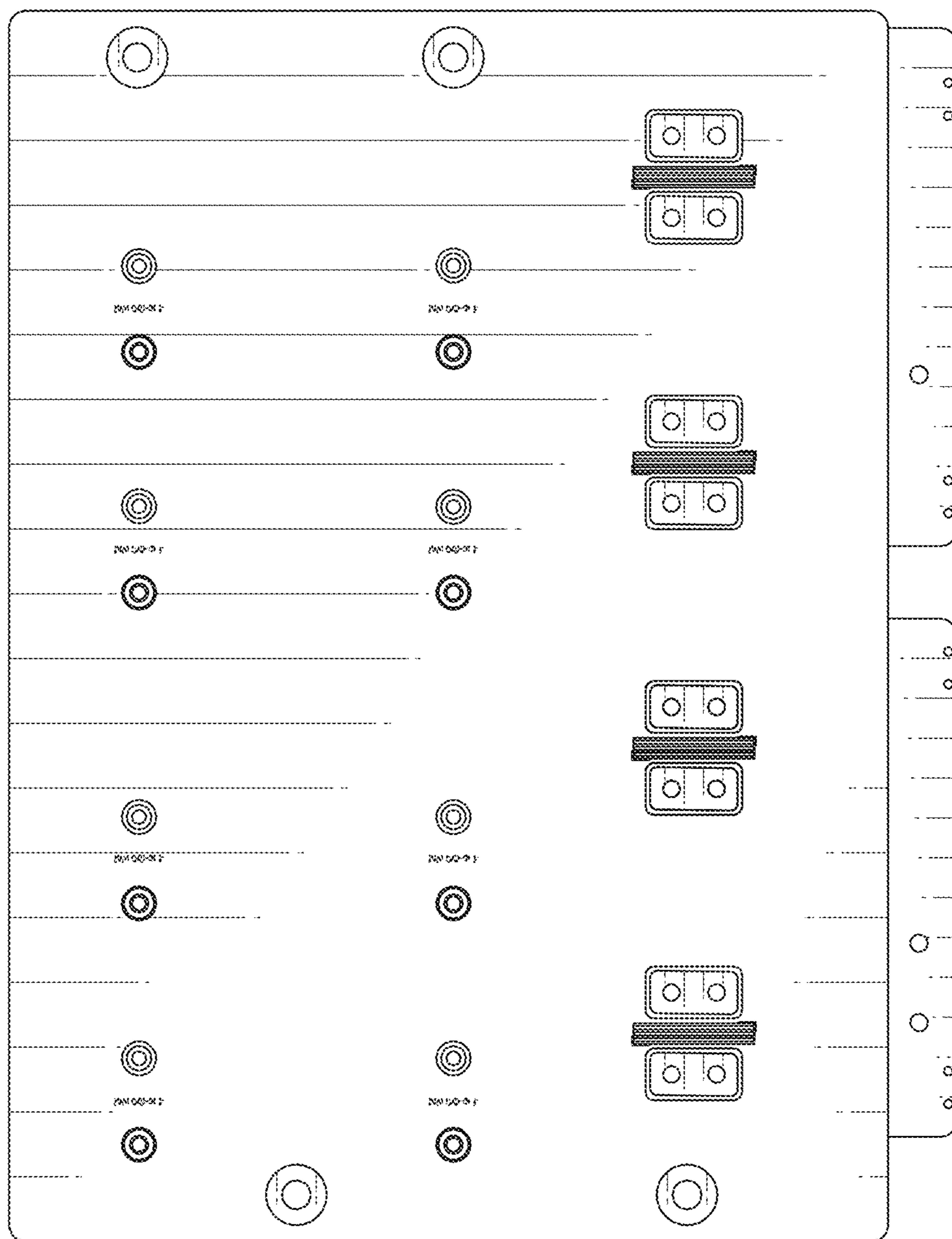


FIG. 3

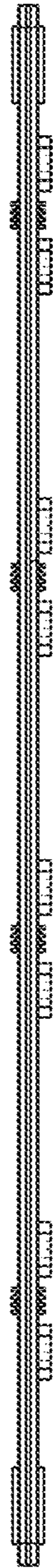


FIG. 4

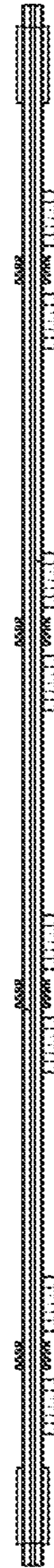


FIG. 5

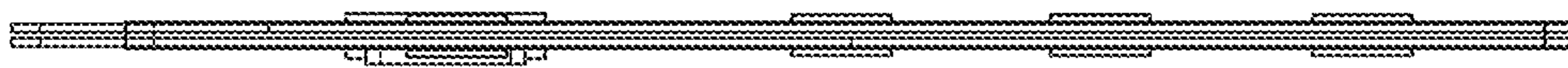


FIG. 6

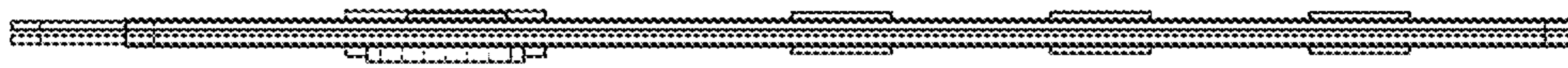


FIG. 7