



US00D964445S

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

(10) **Patent No.:** **US D964,445 S**

(45) **Date of Patent:** **** Sep. 20, 2022**

(54) **PARKING PLATFORM IN SWAPPING STATION**

(71) Applicant: **Wuhan NIO Energy Co., Ltd.**, Wuhan (CN)

(72) Inventors: **Behanm Xia**, Wuhan (CN); **Albert Li**, Wuhan (CN); **Lang Zheng**, Wuhan (CN); **Jenny Cao**, Wuhan (CN)

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

(21) Appl. No.: **29/763,522**

(22) Filed: **Dec. 23, 2020**

(30) **Foreign Application Priority Data**

Jun. 24, 2020 (CN) 202030332905.5

(51) **LOC (13) Cl.** **15-99**

(52) **U.S. Cl.**
USPC **D15/199**

(58) **Field of Classification Search**
USPC D34/34; D15/199; D25/1, 3-35, 56, 61
CPC B60L 11/1822; B60S 5/06; B65G 9/05;
B65G 51/03; B66F 11/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 5,585,205 A * 12/1996 Kohchi B60K 1/04
180/68.5
- 6,594,721 B1 * 7/2003 Sakarda G06F 13/4081
711/112
- D812,249 S * 3/2018 Jimenez Rivera D25/32
- D860,475 S * 9/2019 Tomasson D25/34
- D898,788 S * 10/2020 Bengtsson D15/199
- D900,183 S * 10/2020 Bengtsson D15/199
- D921,732 S * 6/2021 Bengtsson D15/199
- D935,503 S * 11/2021 Bengtsson D15/199
- 2005/0036873 A1 * 2/2005 Ikehata B65G 49/063
414/676

- 2005/0129496 A1 * 6/2005 Heiland H01L 21/68707
414/744.1
- 2009/0016863 A1 * 1/2009 Rauch B66F 7/02
414/239
- 2014/0027206 A1 * 1/2014 Stokes, Sr. B66F 7/02
187/213
- 2015/0307068 A1 * 10/2015 Gaffoglio B60L 50/60
414/809
- 2016/0107619 A1 * 4/2016 Clarke B65G 49/05
414/589

(Continued)

FOREIGN PATENT DOCUMENTS

- WO WO-2019105459 A1 * 6/2019 B60S 5/06
- WO WO-2019184046 A1 * 10/2019 B60L 53/00

(Continued)

Primary Examiner — Patricia A Palasik

(57) **CLAIM**

The ornamental design for a parking platform in swapping station, as shown and described.

DESCRIPTION

FIG. 1 is a front, right and bottom perspective view of a parking platform in swapping station, showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a top plan view thereof;

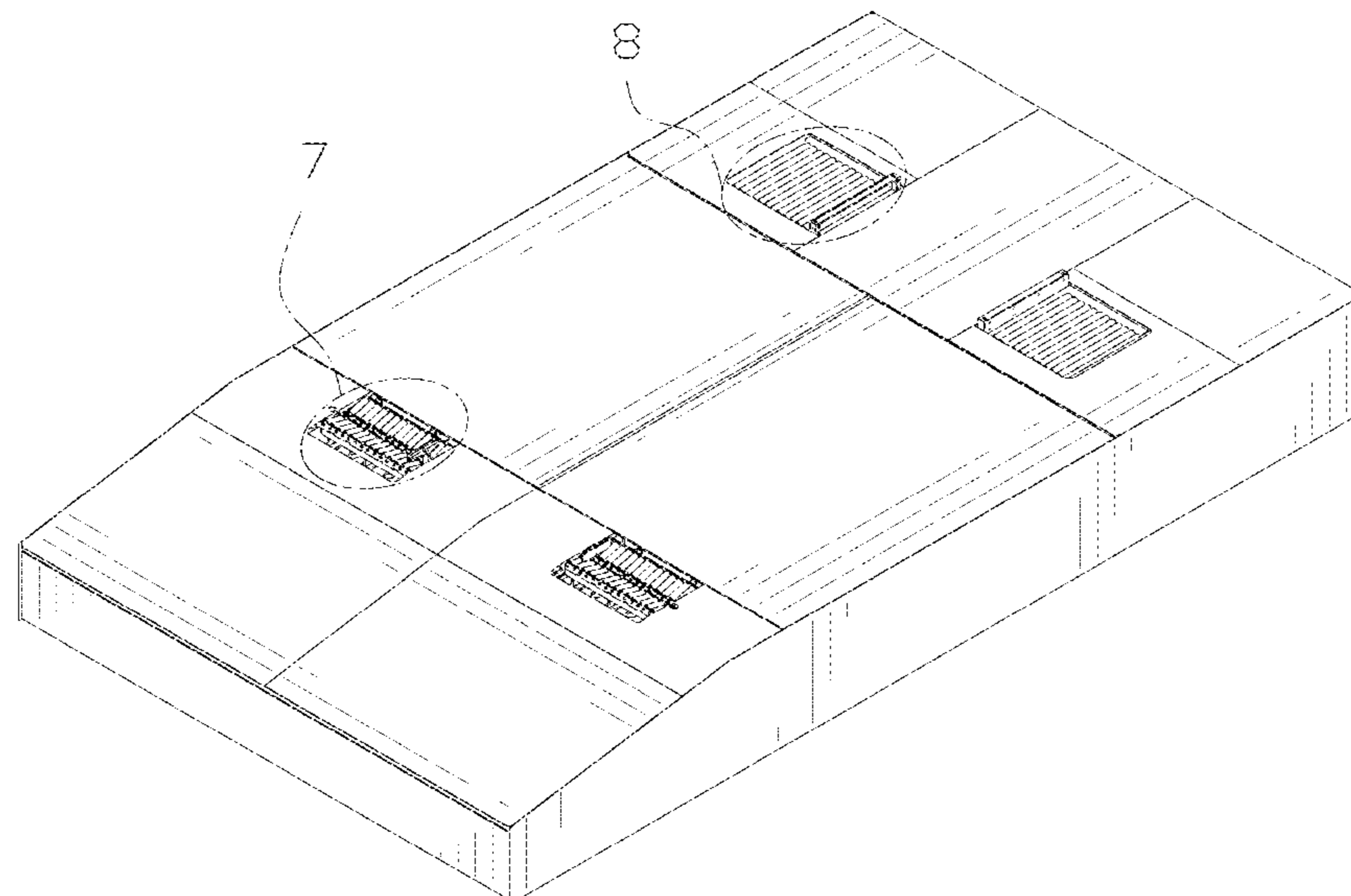
FIG. 6 is a bottom plan view thereof;

FIG. 7 is an enlarged view of a portion labeled, "7" in FIG. 1; and,

FIG. 8 is an enlarged view of a portion labeled, "8" in FIG. 1.

The dash dot dash lines in FIGS. 1, 7 and 8 are for the purpose of depicting the cut line of the enlarged view and form no part of the claim.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2017/0001799 A1 * 1/2017 Rohilla E04H 6/30
2020/0086757 A1 * 3/2020 Väin B60L 53/80
2020/0091744 A1 * 3/2020 Väin B60L 53/35

FOREIGN PATENT DOCUMENTS

WO WO-2019193254 A1 * 10/2019
WO WO-2021197498 A1 * 10/2021

* cited by examiner

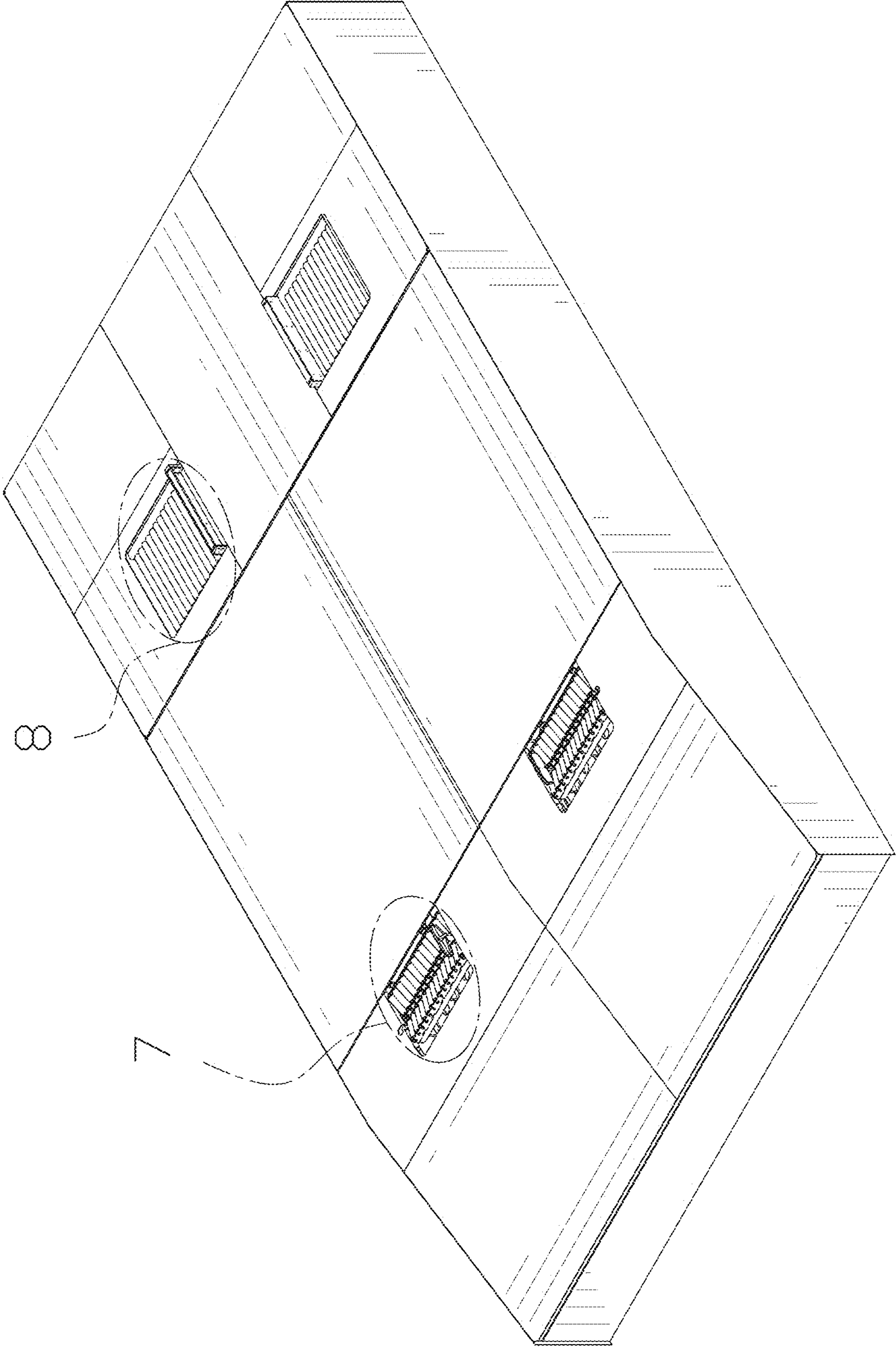


FIG. 1

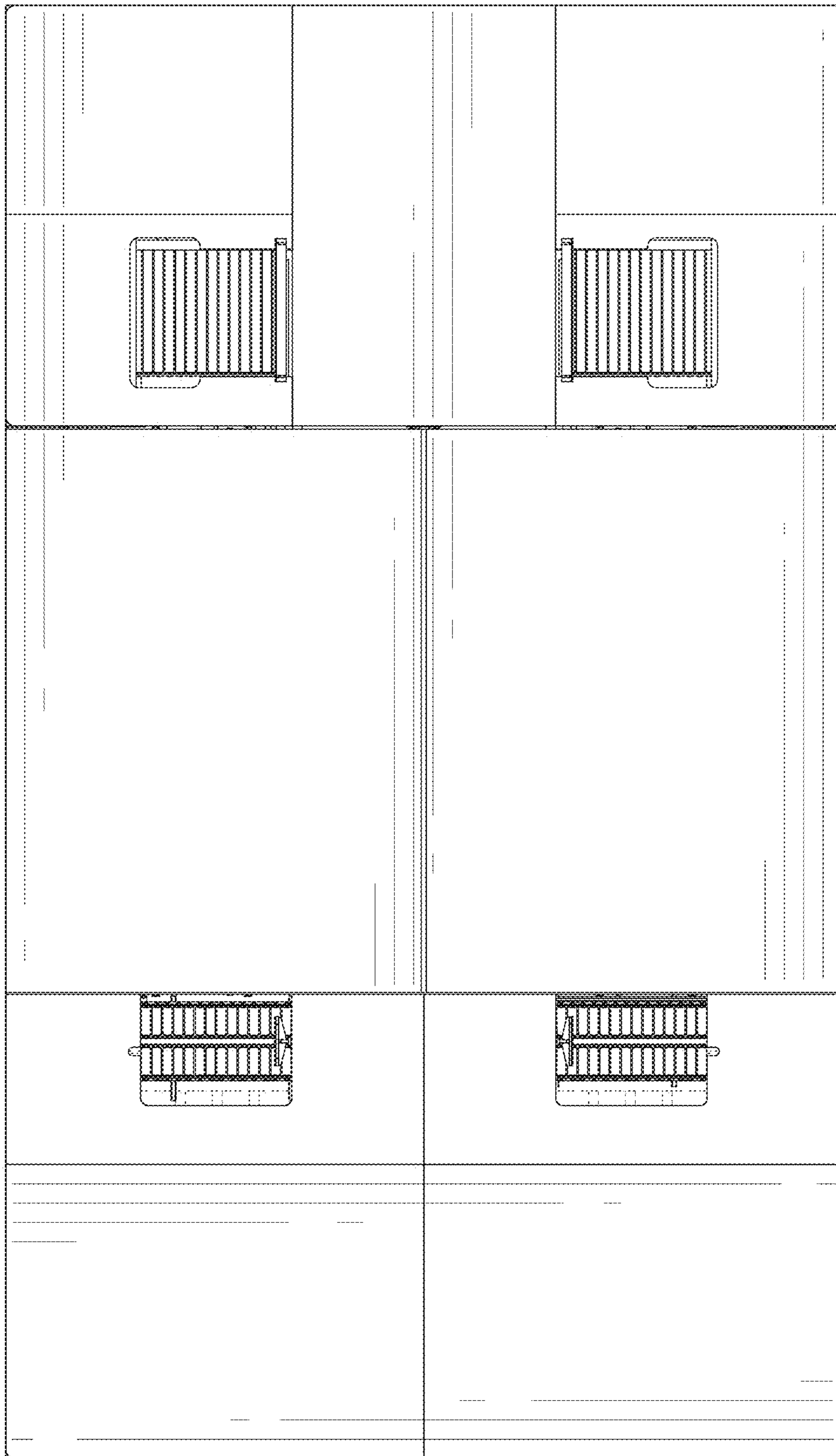


FIG. 2

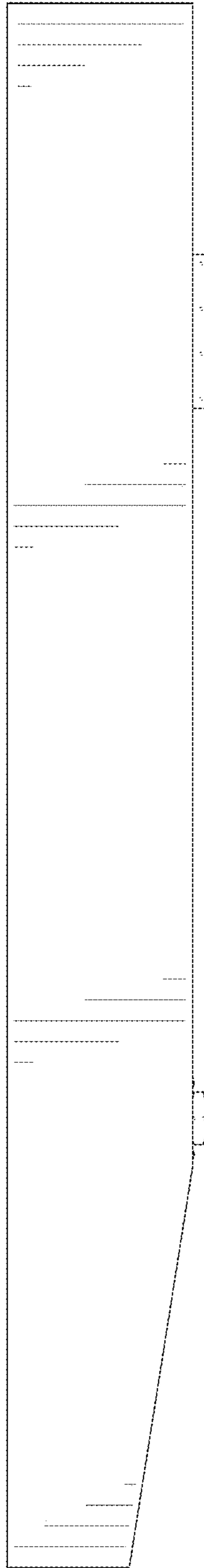


FIG. 3

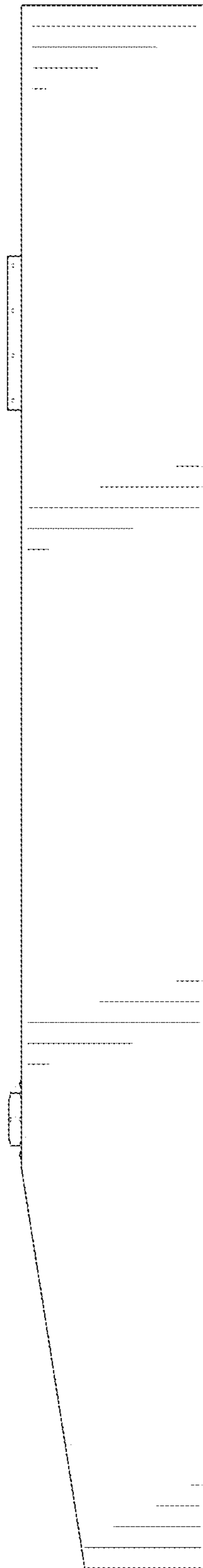


FIG. 4

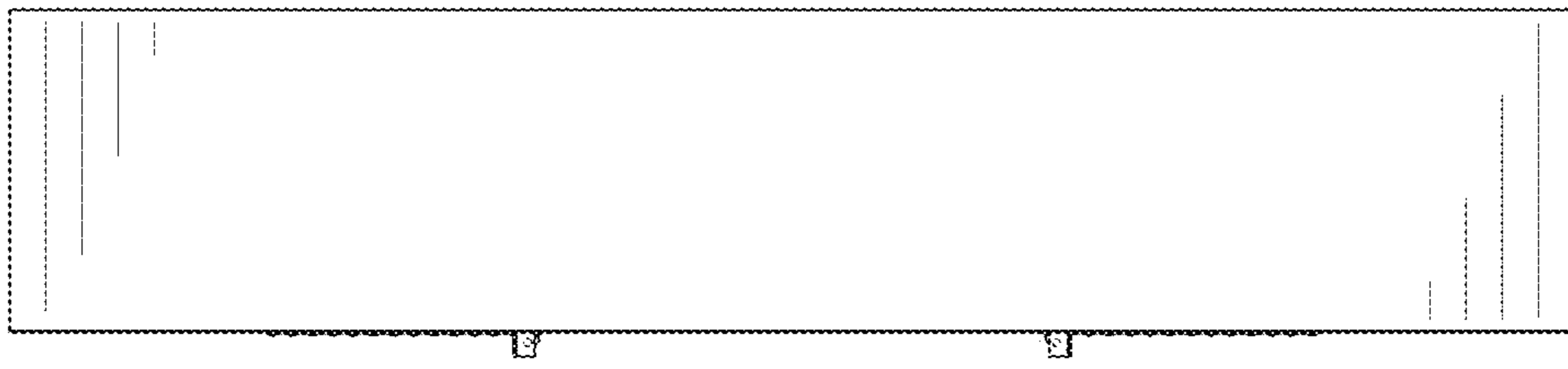


FIG. 5

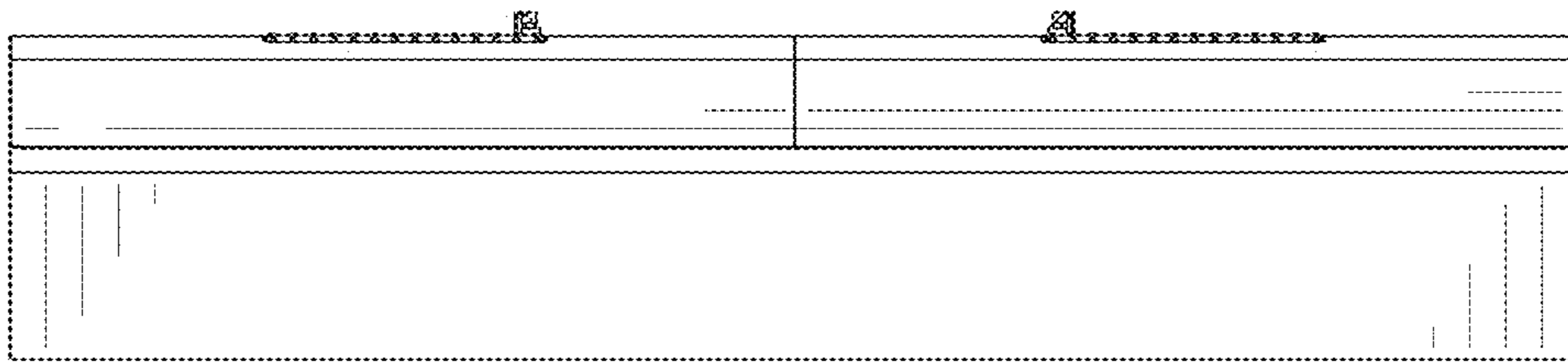


FIG. 6

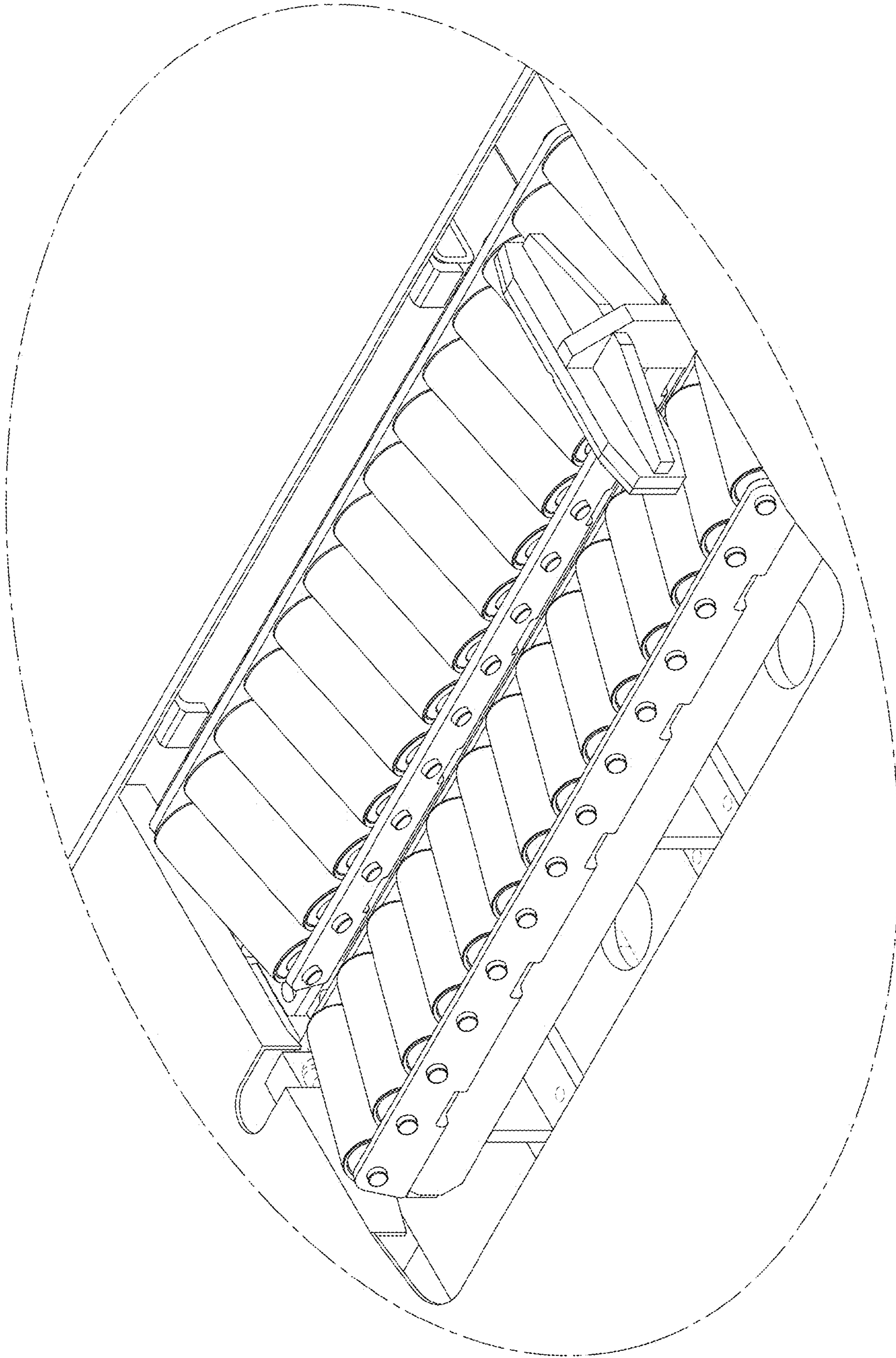


FIG. 7

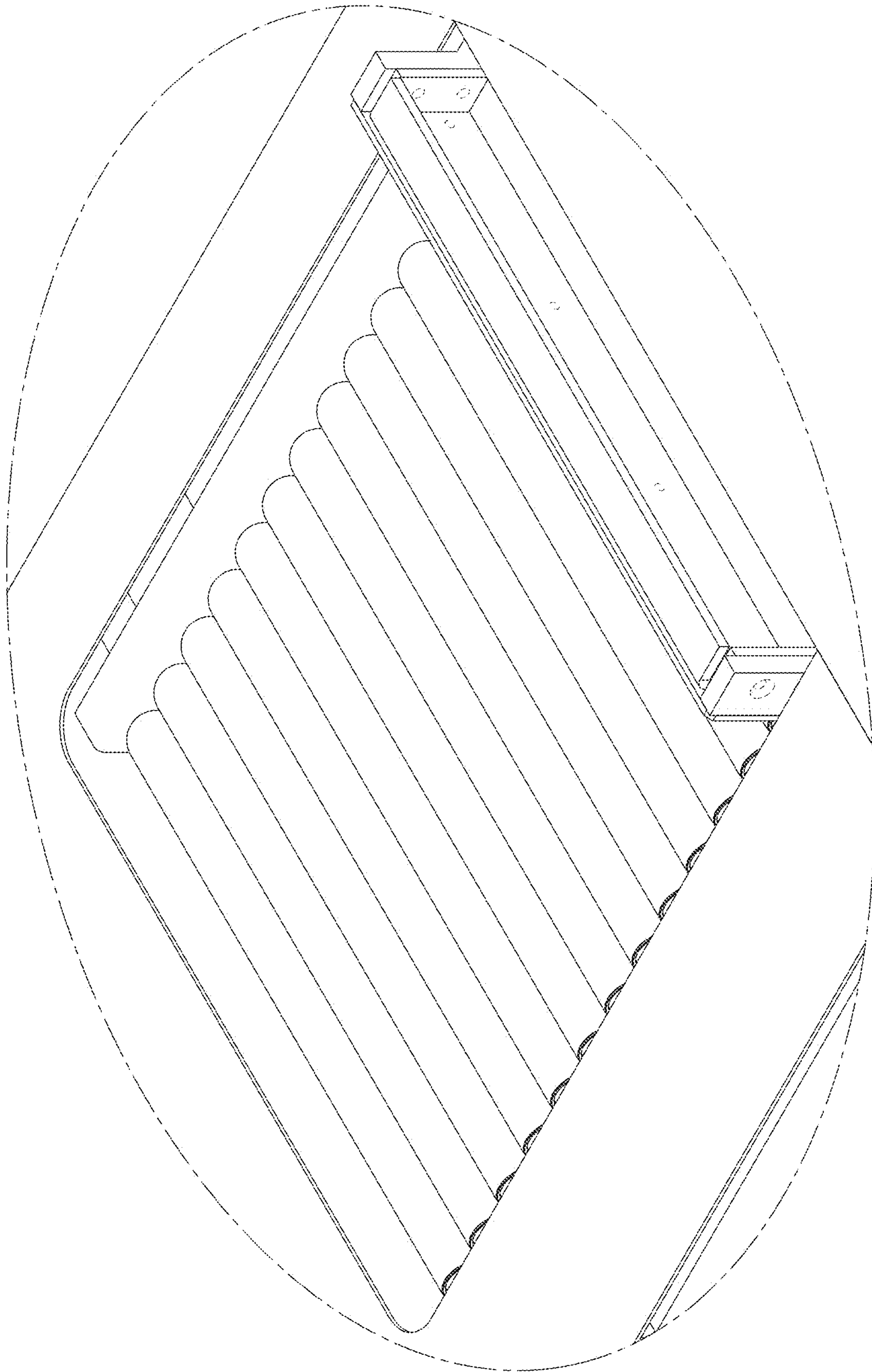


FIG. 8