



US00D766176S

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

(10) **Patent No.:** **US D766,176 S**
(45) **Date of Patent:** **** Sep. 13, 2016**

(54) **RAIL CHARGER FOR BATTERIES**

(71) Applicant: **The Salvajor Company**, Kansas City, MO (US)

(72) Inventor: **Christopher G. Hohl**, Kansas City, MO (US)

(73) Assignee: **The Salvajor Company**, Kansas City, MO (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/486,704**

(22) Filed: **Apr. 1, 2014**

(51) **LOC (10) Cl.** **13-02**

(52) **U.S. Cl.**
USPC **D13/107**

(58) **Field of Classification Search**
USPC D13/107-110, 118-119, 184, 199;
D14/251, 253, 432, 434

CPC Y02E 60/12; Y02T 90/14; Y02T 90/122;
Y02T 90/128; Y02T 90/163; H02J 7/025;
H02J 7/0042; H02J 7/0044; H02J 7/0045;
H02J 7/0003; H01F 38/14; H01R 13/6675;
H01M 2/1022; H01M 2/1055; H01M 10/44;
H01M 10/46; H01M 10/425; B60L 11/182
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,992,225 A 11/1976 Sykes
D461,814 S * 8/2002 Felix D13/108
D509,788 S * 9/2005 Schlieffers D13/108
D528,072 S * 9/2006 Chen D13/108
7,816,887 B2 10/2010 Nam

D629,355 S * 12/2010 Bodley D13/108
D638,020 S * 5/2011 Johnson D13/107
8,207,627 B2 6/2012 Aldag
8,622,756 B2 1/2014 Smed
D709,447 S 7/2014 Ibuki et al.
D710,797 S * 8/2014 Awiszus D13/107
2004/0196000 A1 10/2004 Wei
2006/0138998 A1 6/2006 Chen et al.
2008/0036417 A1 2/2008 Toya et al.
2008/0067975 A1 3/2008 Law
2009/0267559 A1 10/2009 Toya et al.
2009/0267562 A1 10/2009 Guccione et al.
2012/0299534 A1 11/2012 McBurney
2013/0132307 A1 5/2013 Phelps et al.

* cited by examiner

Primary Examiner — Rosemary K Tarcza

(74) *Attorney, Agent, or Firm* — Lathrop & Gage LLP

(57) **CLAIM**

The ornamental design for a rail charger for batteries, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the rail charger for batteries. FIG. 2 is a front view of the rail charger for batteries of FIG. 1.

FIG. 3 is a rear view of the rail charger for batteries of FIG. 1.

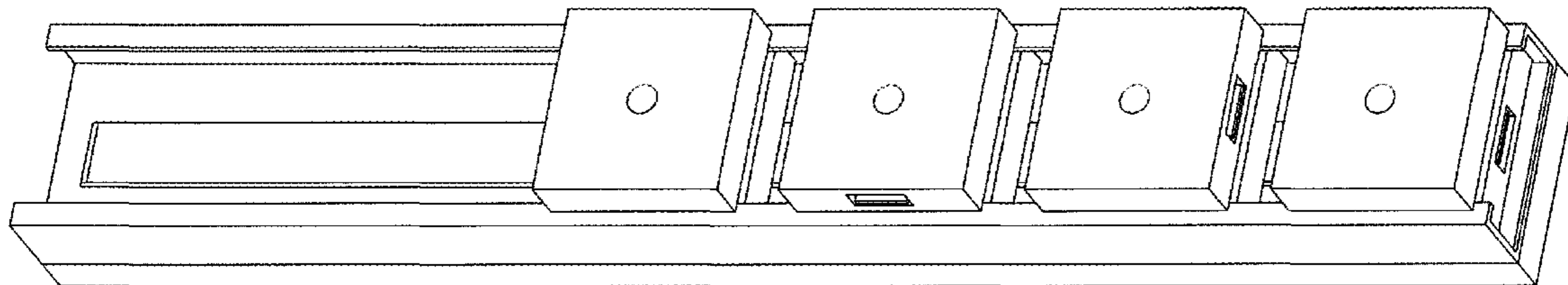
FIG. 4 is a right side view of the rail charger for batteries of FIG. 1.

FIG. 5 is a left side view of the rail charger for batteries of FIG. 1.

FIG. 6 is a top view of the rail charger for batteries of FIG. 1; and,

FIG. 7 is a bottom view of rail charger for batteries of FIG. 1.

1 Claim, 7 Drawing Sheets



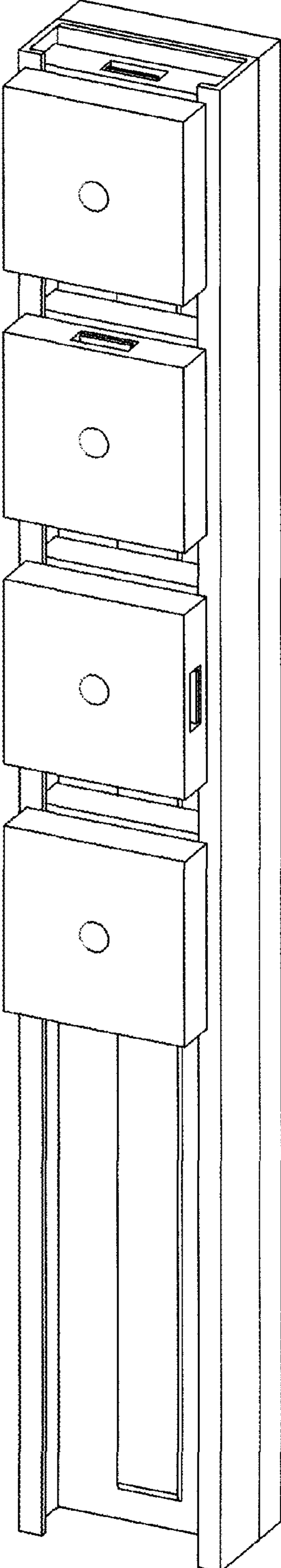


FIG. 1

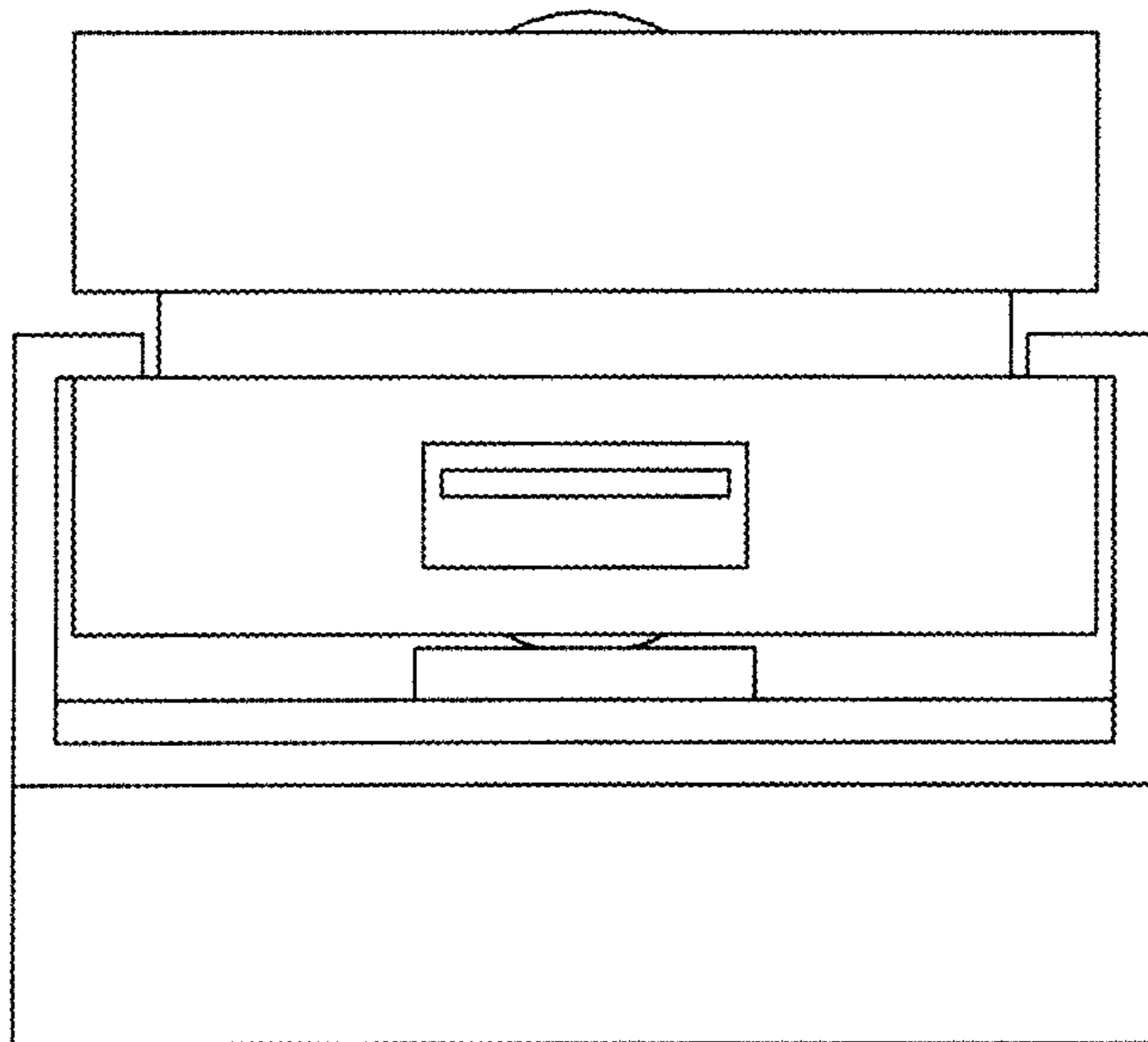


FIG. 2

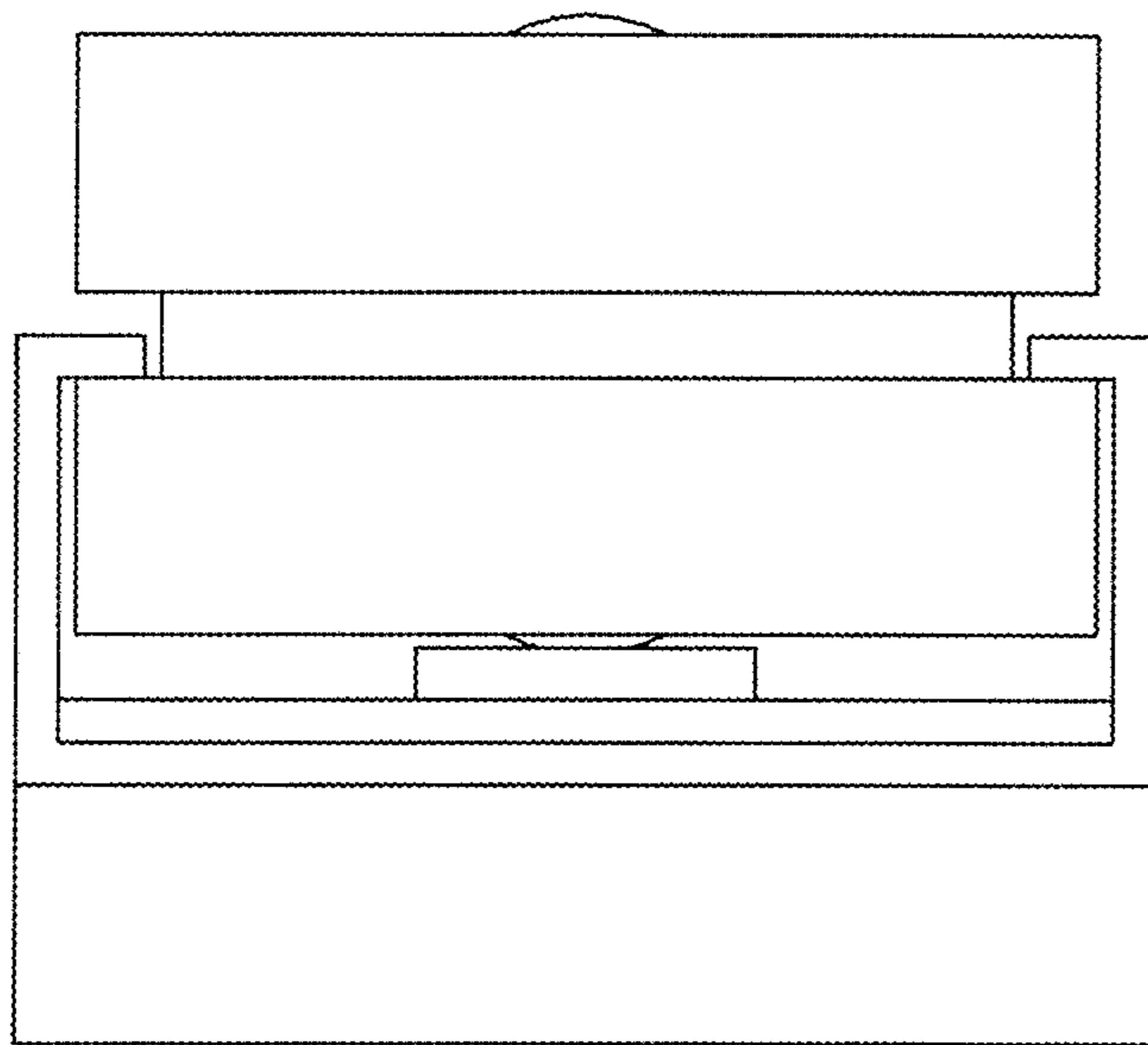


FIG. 3

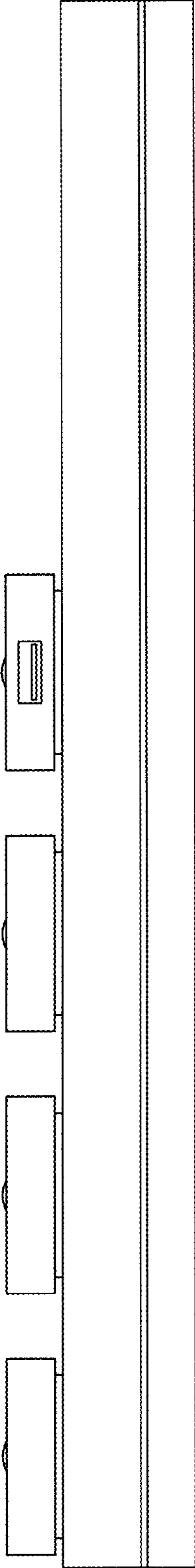


Fig. 4

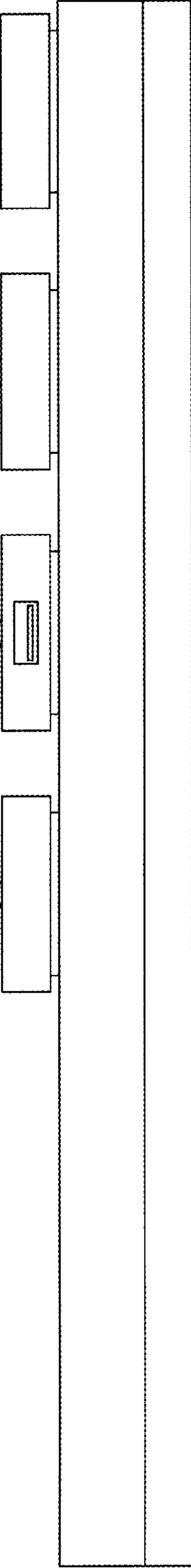


Fig. 5

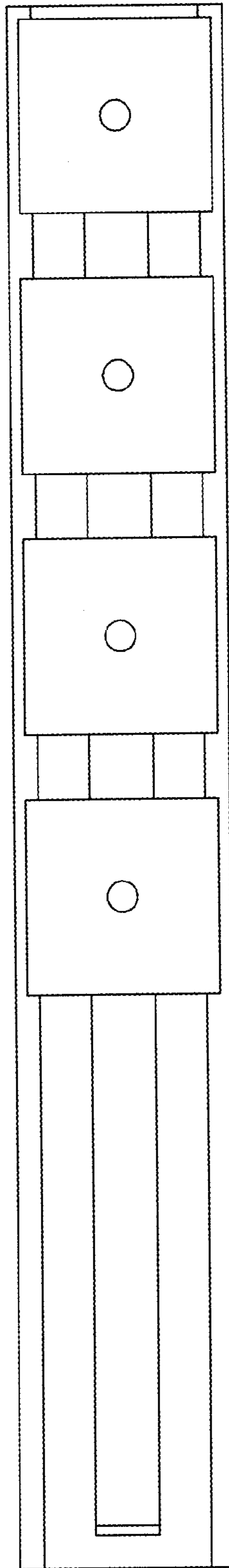


Fig. 6

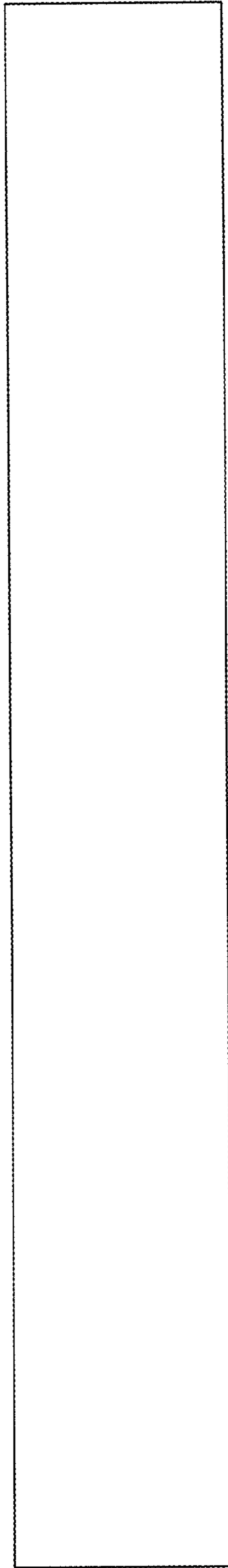


Fig. 7