



US00D766176S

(12) **United States Design Patent** (10) **Patent No.:** **US D766,176 S**  
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(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**

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(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.

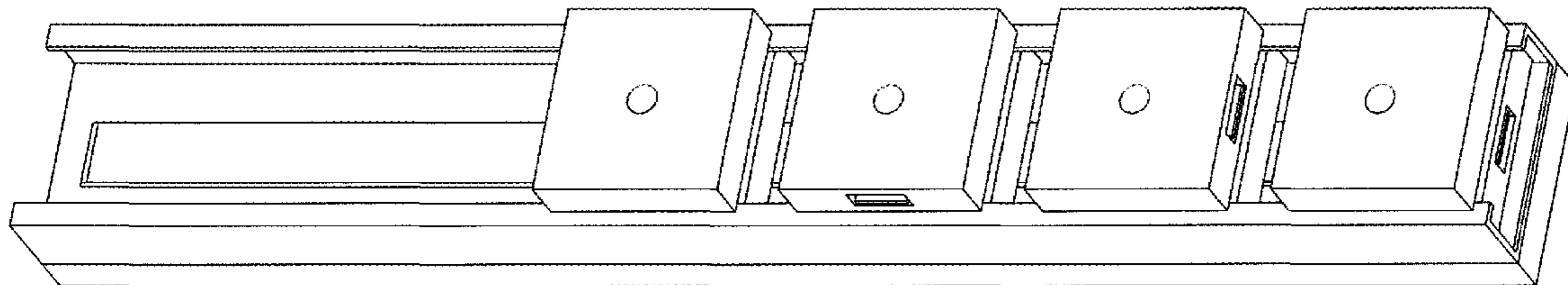
FIG. 4 is a right side view of the rail charger for batteries of FIG. 1.

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**



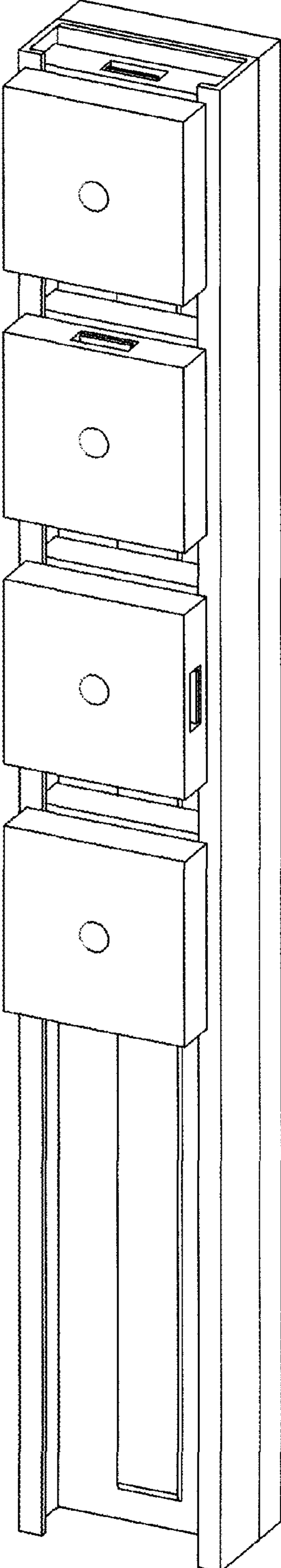


FIG. 1

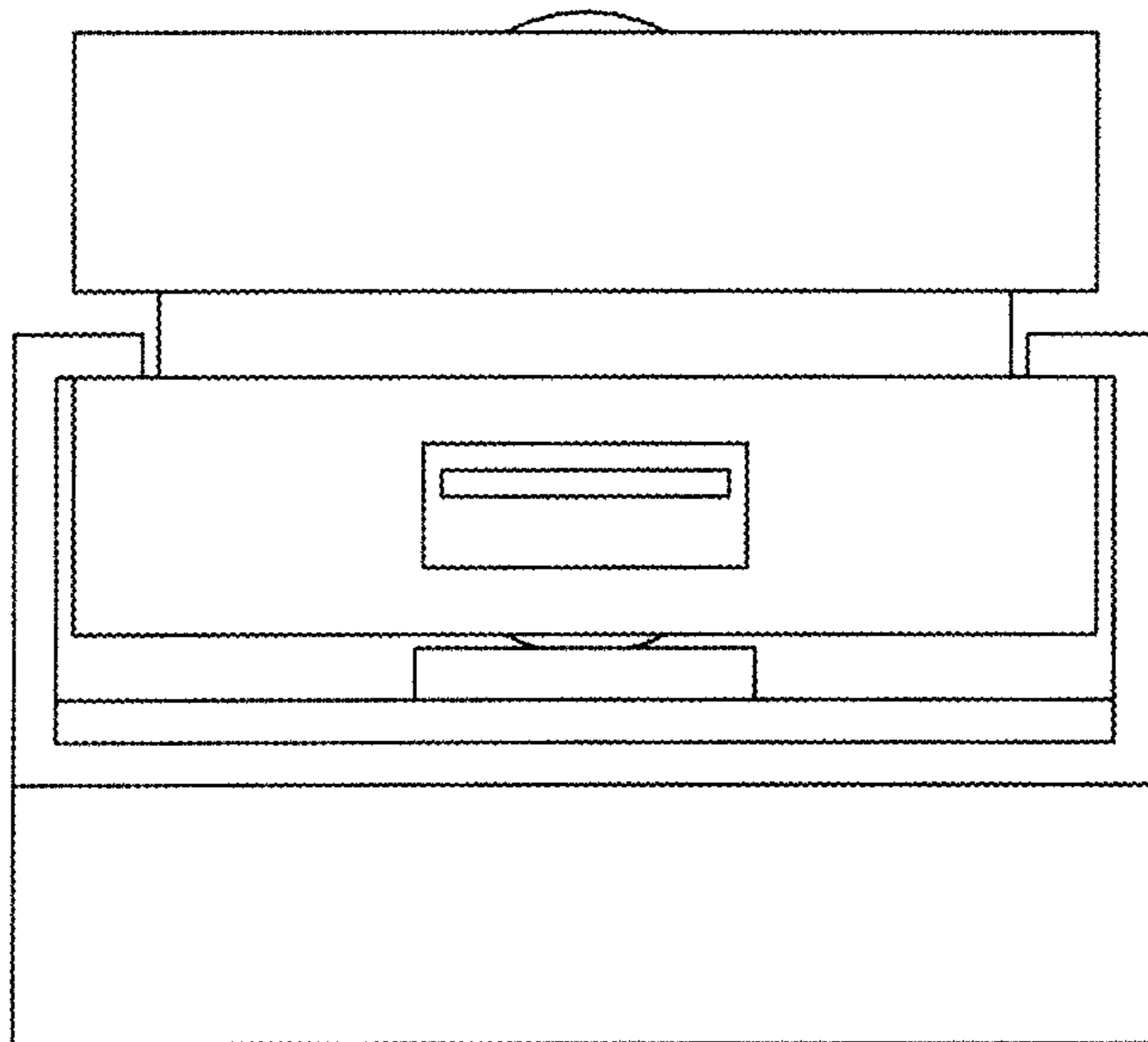


FIG. 2

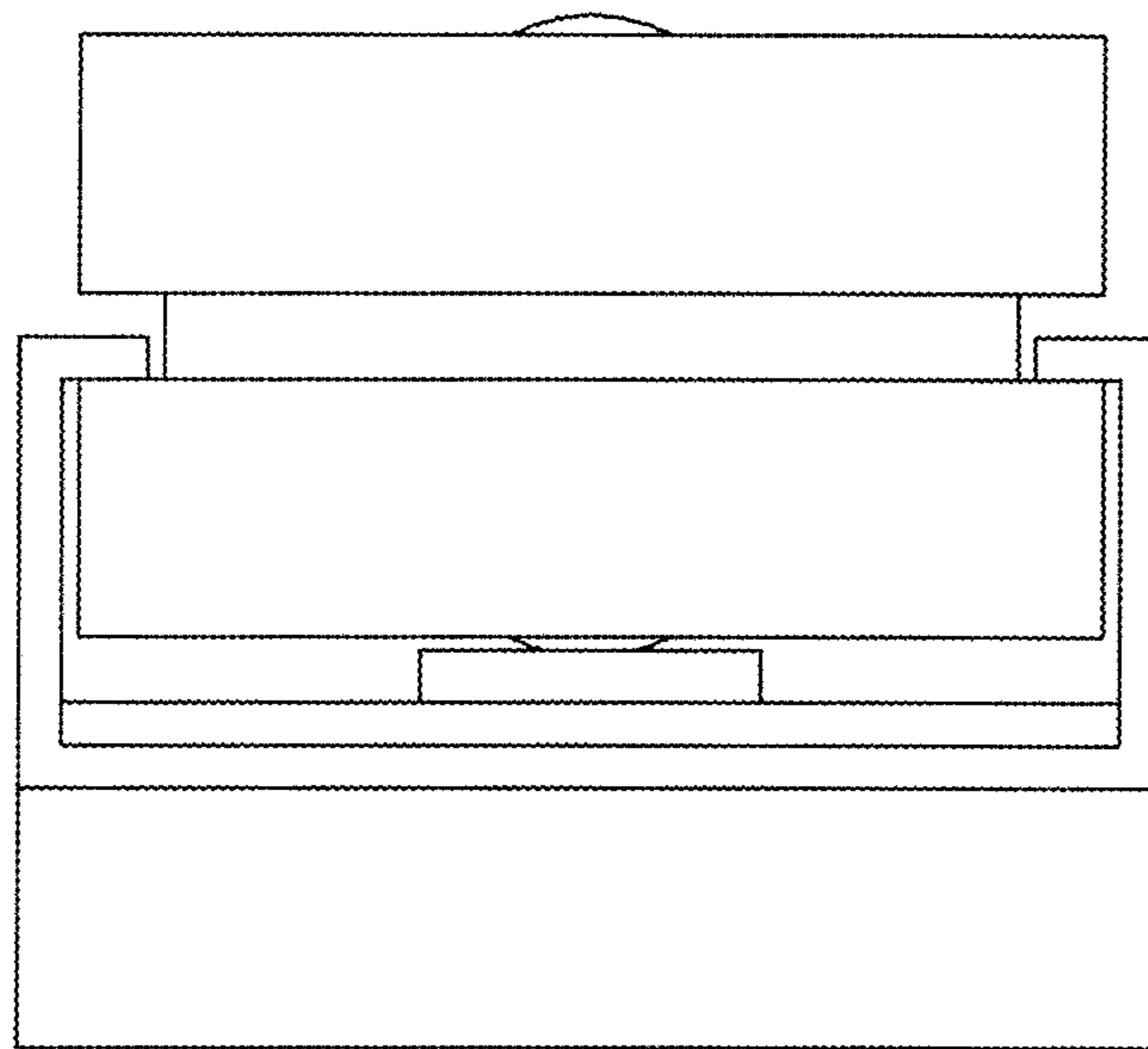


FIG. 3

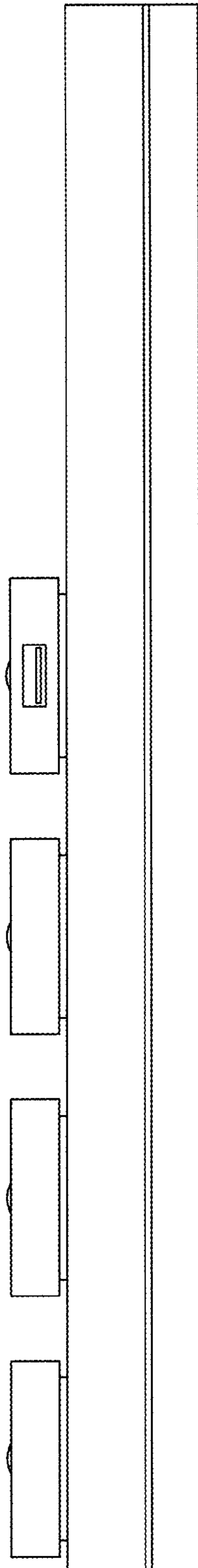


Fig. 4

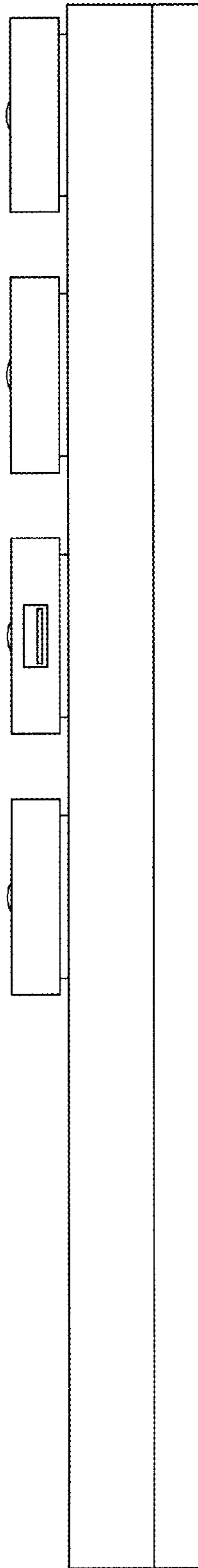


Fig. 5

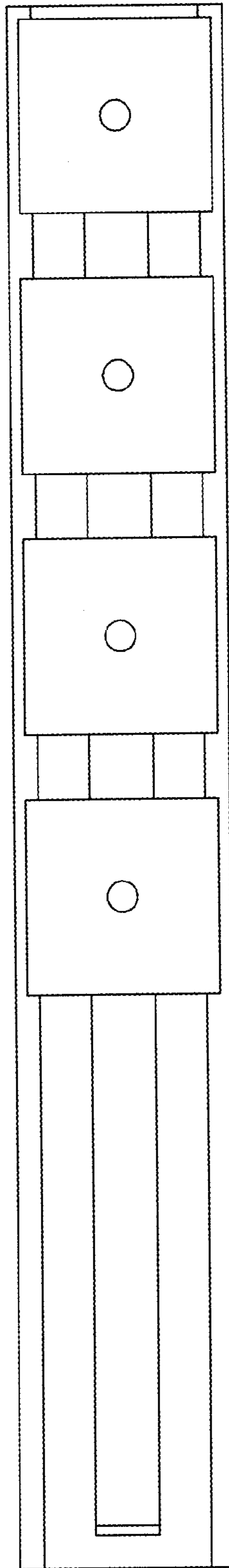


Fig. 6

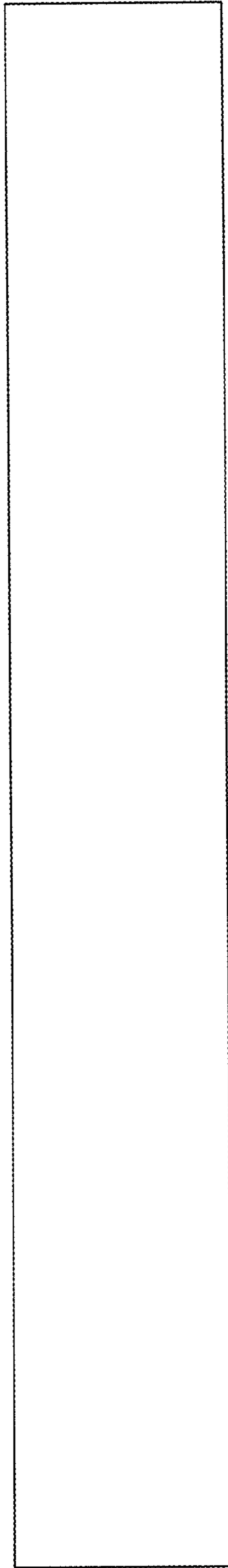


Fig. 7