

US00D766191S

(12) **United States Design Patent** (10) **Patent No.:** **US D766,191 S**
Ringer (45) **Date of Patent:** **** *Sep. 13, 2016**

(54) **POWER SUPPLY FEED IN PLUG**
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(DE)

D302,972 S * 8/1989 Boucher D13/162.1
D307,263 S * 4/1990 Ishida D13/162.1
4,920,453 A * 4/1990 Onose et al. 361/736
D309,446 S * 7/1990 Russell D13/162.1
D309,600 S * 7/1990 Backes D13/162.1
5,065,141 A * 11/1991 Whitsitt 340/635
5,253,140 A * 10/1993 Inoue et al. 361/728
5,791,916 A * 8/1998 Schirbl et al. 439/76.1
5,802,389 A * 9/1998 McNutt 710/1
5,984,734 A * 11/1999 Piper et al. 439/717
6,008,985 A * 12/1999 Lake et al. 361/679.32
6,172,875 B1 * 1/2001 Suzuki et al. 361/729

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

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

(21) Appl. No.: **29/501,995**

(22) Filed: **Sep. 10, 2014**

Related U.S. Application Data

(62) Division of application No. 29/424,798, filed on Jun. 15, 2012, now Pat. No. Des. 733,665.

(30) **Foreign Application Priority Data**

Dec. 16, 2011 (EM) 001306500

(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/162; D13/162.1**

(58) **Field of Classification Search**
USPC D13/162, 162.1; D14/301, 439
CPC ... G05B 19/05; G06F 3/147; G06F 11/3636;
H05K 7/1432; H05K 7/1467; H05K 7/1468;
H05K 7/1471; H05K 7/1474; H05K 7/1478;
H05K 7/1481

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D269,605 S * 7/1983 Provanzano et al. D13/162.1
D281,493 S * 11/1985 Prager et al. D13/162.1

(Continued)

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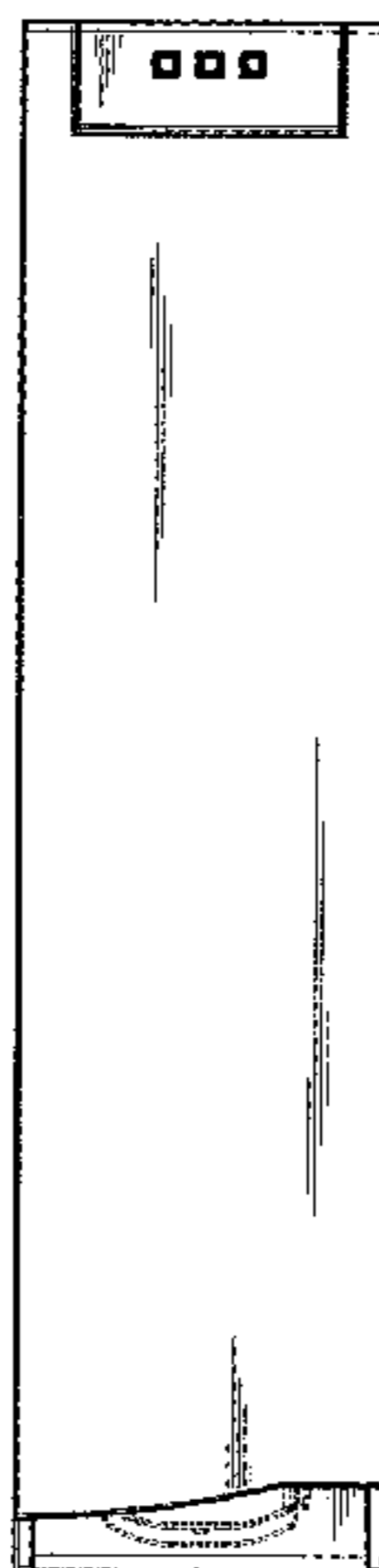
(57) **CLAIM**

The ornamental design for a power supply feed in plug, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a power supply feed in plug for a programmable logic controller (PLC) showing my new design;
FIG. 2 is a rear elevational view of the power supply feed in plug;
FIG. 3 is a top plan view of the power supply feed in plug;
FIG. 4 is a bottom plan view of the power supply feed in plug;
FIG. 5 is a right-side elevation view of the power supply feed in plug;
FIG. 6 is left-side elevation view of the power supply feed in plug; and,
FIG. 7 is a perspective view of the power supply feed in plug.
The broken line portion of the figure drawings is included to show unclaimed subject matter only and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

6,456,495 B1 *	9/2002	Wieloch et al.	361/729	D563,903 S *	3/2008	Radau et al.	D13/162
6,686,672 B2 *	2/2004	Brown et al.	307/125	D588,552 S *	3/2009	Radau et al.	D13/162
D488,133 S *	4/2004	Droulin et al.	D13/162.1	D598,867 S *	8/2009	Nada et al.	D13/162.1
6,904,471 B2 *	6/2005	Boggs et al.	710/8	D692,397 S *	10/2013	Liu et al.	D13/162.1
7,027,296 B2 *	4/2006	Bock	361/622	8,602,816 B2 *	12/2013	Donhauser et al.	439/532
D520,992 S *	5/2006	Lee	D14/301	D702,647 S *	4/2014	Liu et al.	D13/162.1
7,066,677 B2 *	6/2006	Ruter	403/231	D733,665 S *	7/2015	Ringer	D13/162.1
D524,760 S *	7/2006	Ohlwine et al.	D13/162.1	2002/0072256 A1 *	6/2002	Lostoski et al.	439/76.1
D527,349 S *	8/2006	Lee	D13/162.1	2012/0043378 A1 *	2/2012	Vazach et al.	235/375
				2012/0129368 A1 *	5/2012	Donhauser et al.	439/137
				2014/0118958 A1 *	5/2014	Hamada et al.	361/728
				2014/0156029 A1 *	6/2014	Godau et al.	700/19

* cited by examiner

FIG 1

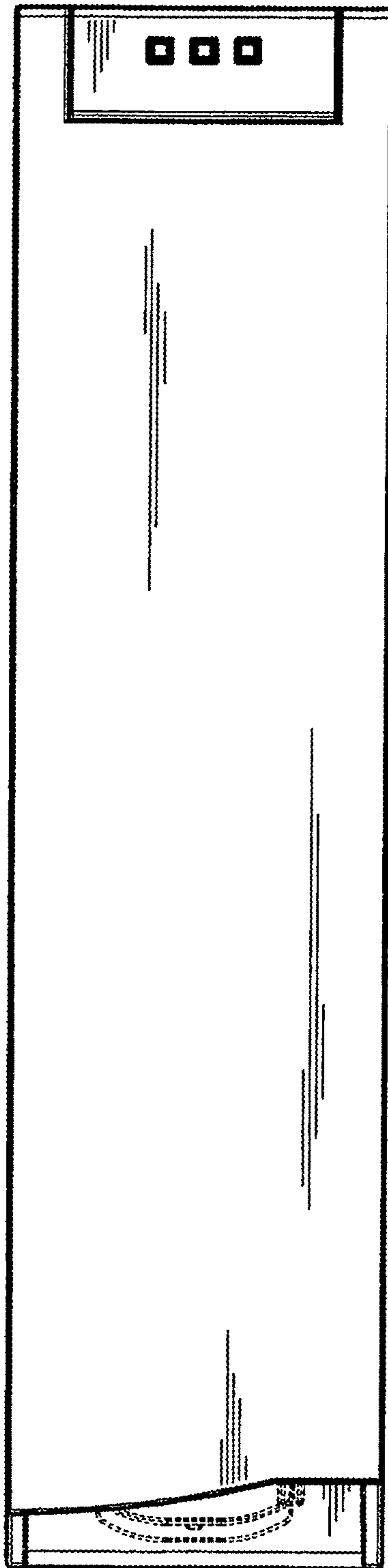


FIG 2

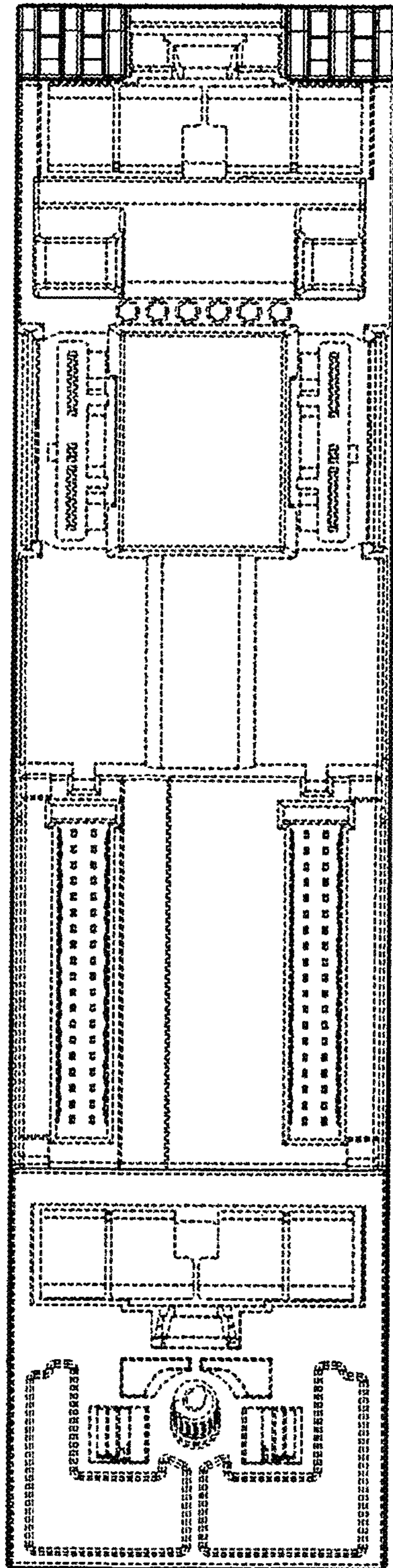


FIG 3

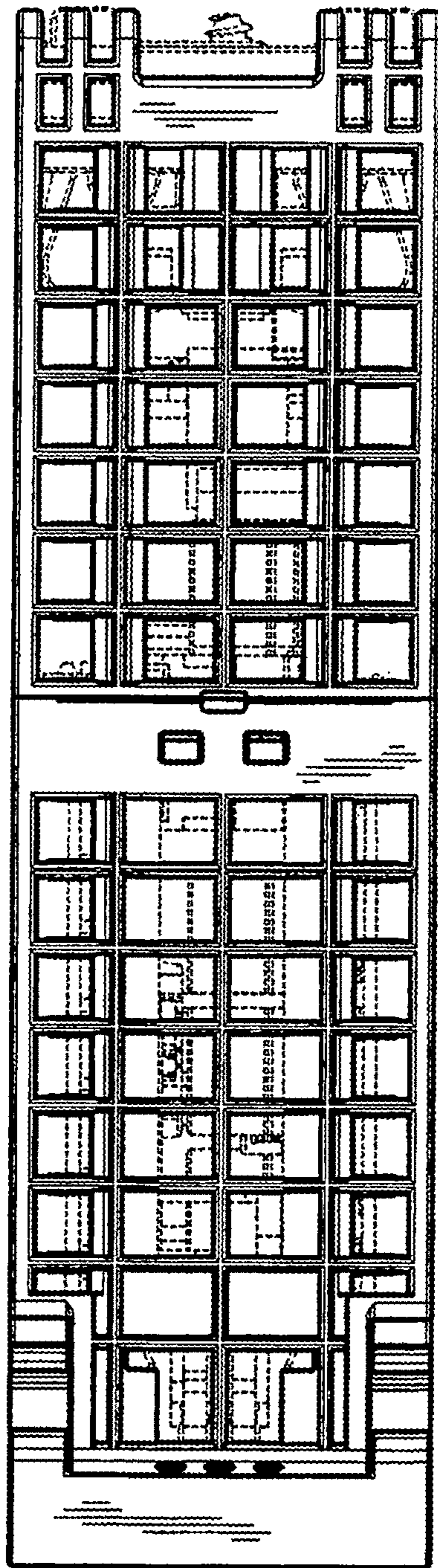


FIG 4

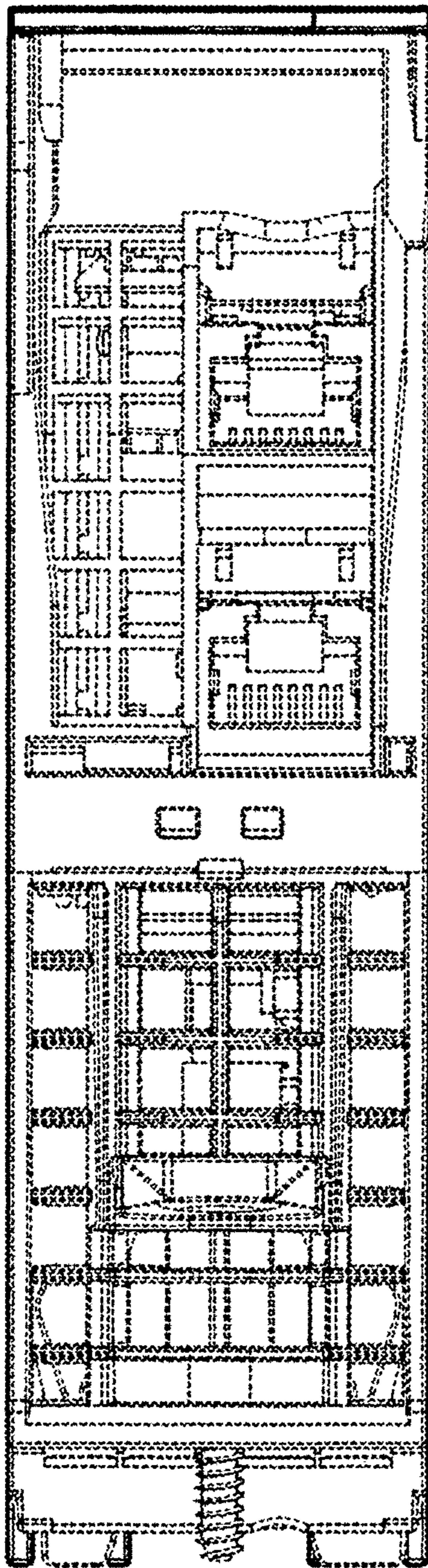


FIG 5

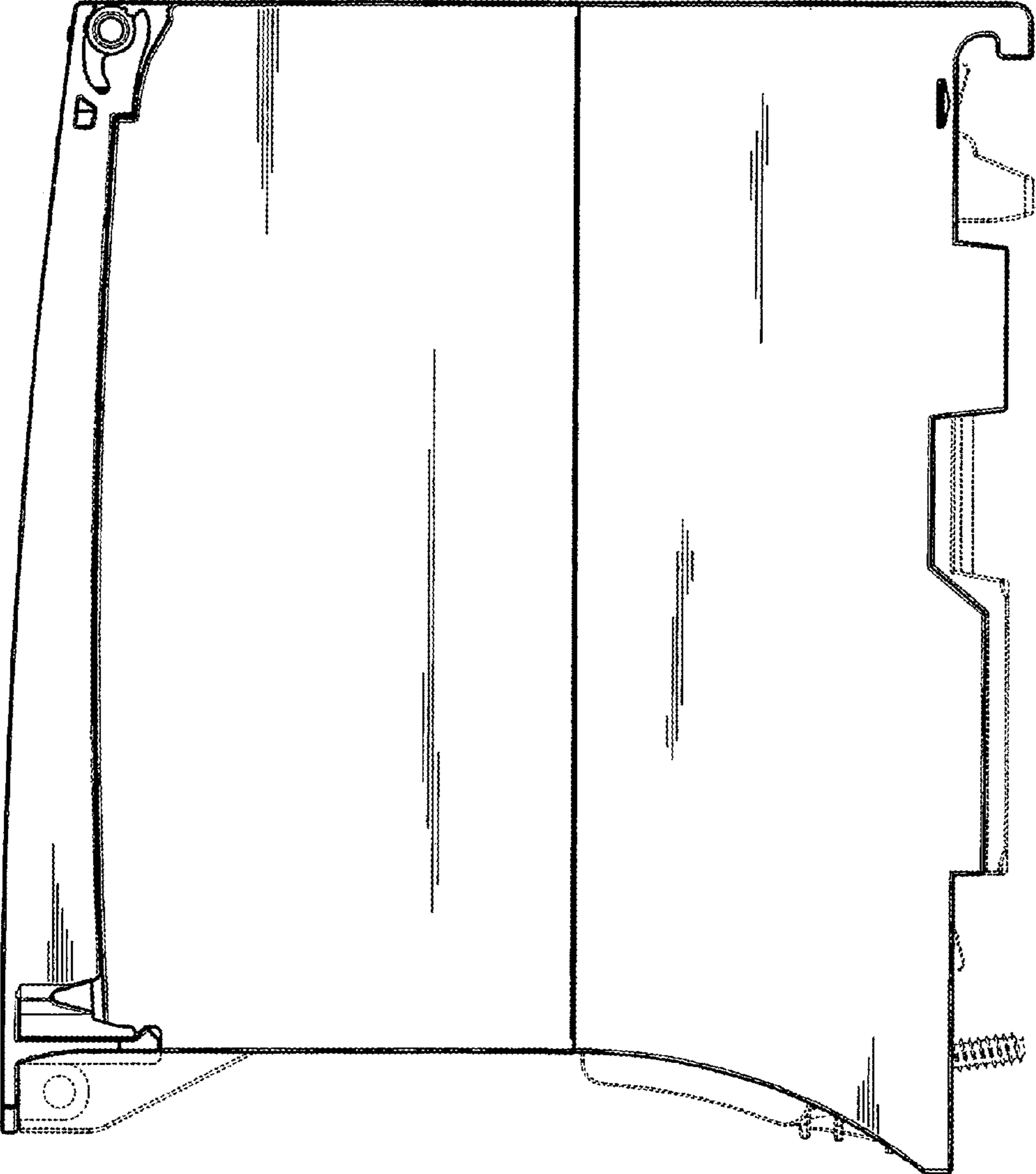


FIG 6

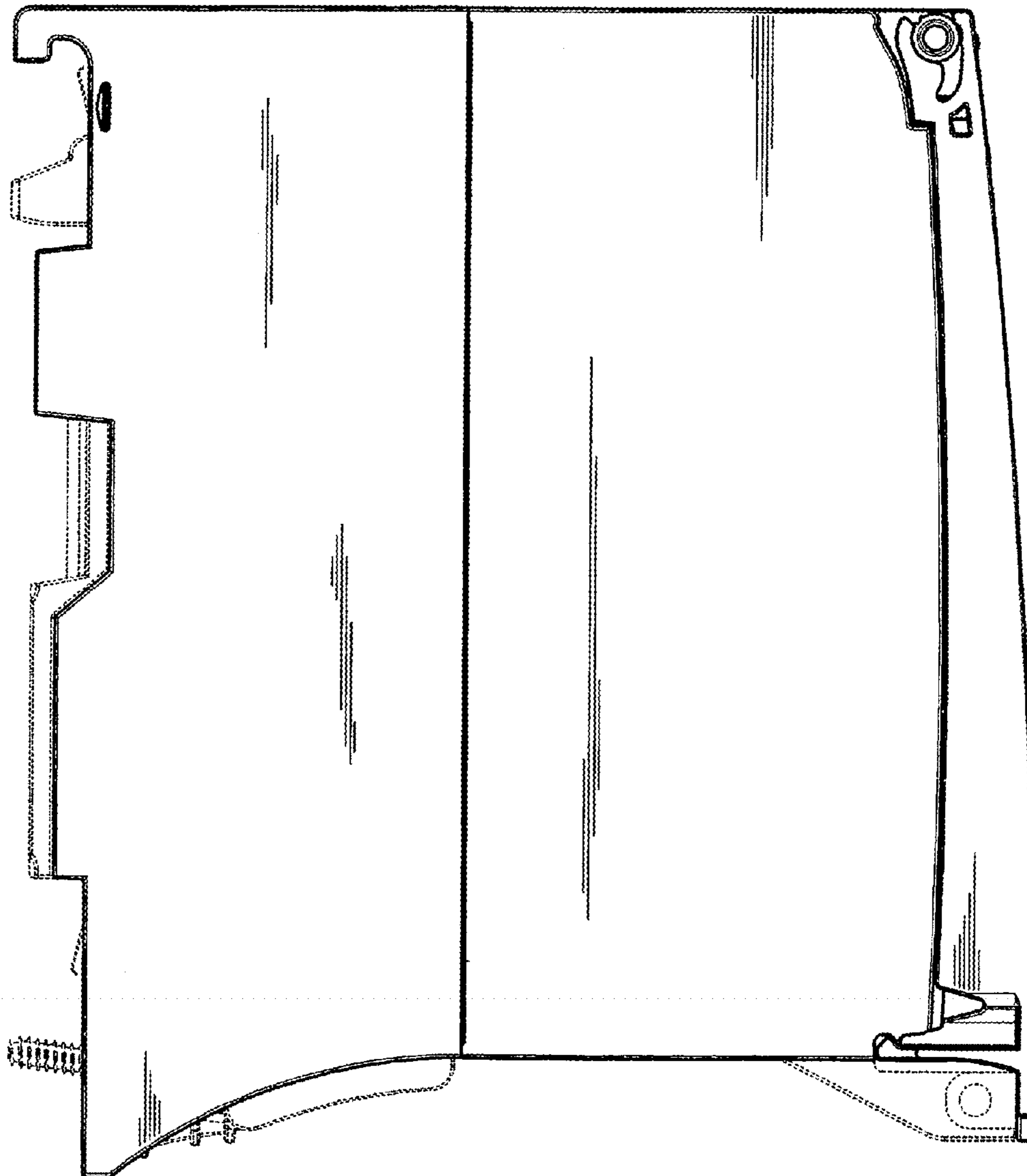


FIG 7

