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

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(54) **PERIPHERY DATA PROCESSING DEVICE**

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

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**Related U.S. Application Data**

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(30) **Foreign Application Priority Data**

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(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  
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  
6,456,495 B1 \* 9/2002 Wieloch et al. .... 361/729  
6,686,672 B2 \* 2/2004 Brown et al. .... 307/125  
D488,133 S \* 4/2004 Droulin et al. .... D13/162.1  
6,904,471 B2 \* 6/2005 Boggs et al. .... 710/8

(Continued)

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(57) **CLAIM**

The ornamental design for a periphery data processing device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front elevational view of a periphery data processing device for a programmable logic controller (PLC) showing my new design;

FIG. 2 is a rear elevational view of the periphery data processing device;

FIG. 3 is a top plan view of the periphery data processing device;

FIG. 4 is a bottom plan view of the periphery data processing device;

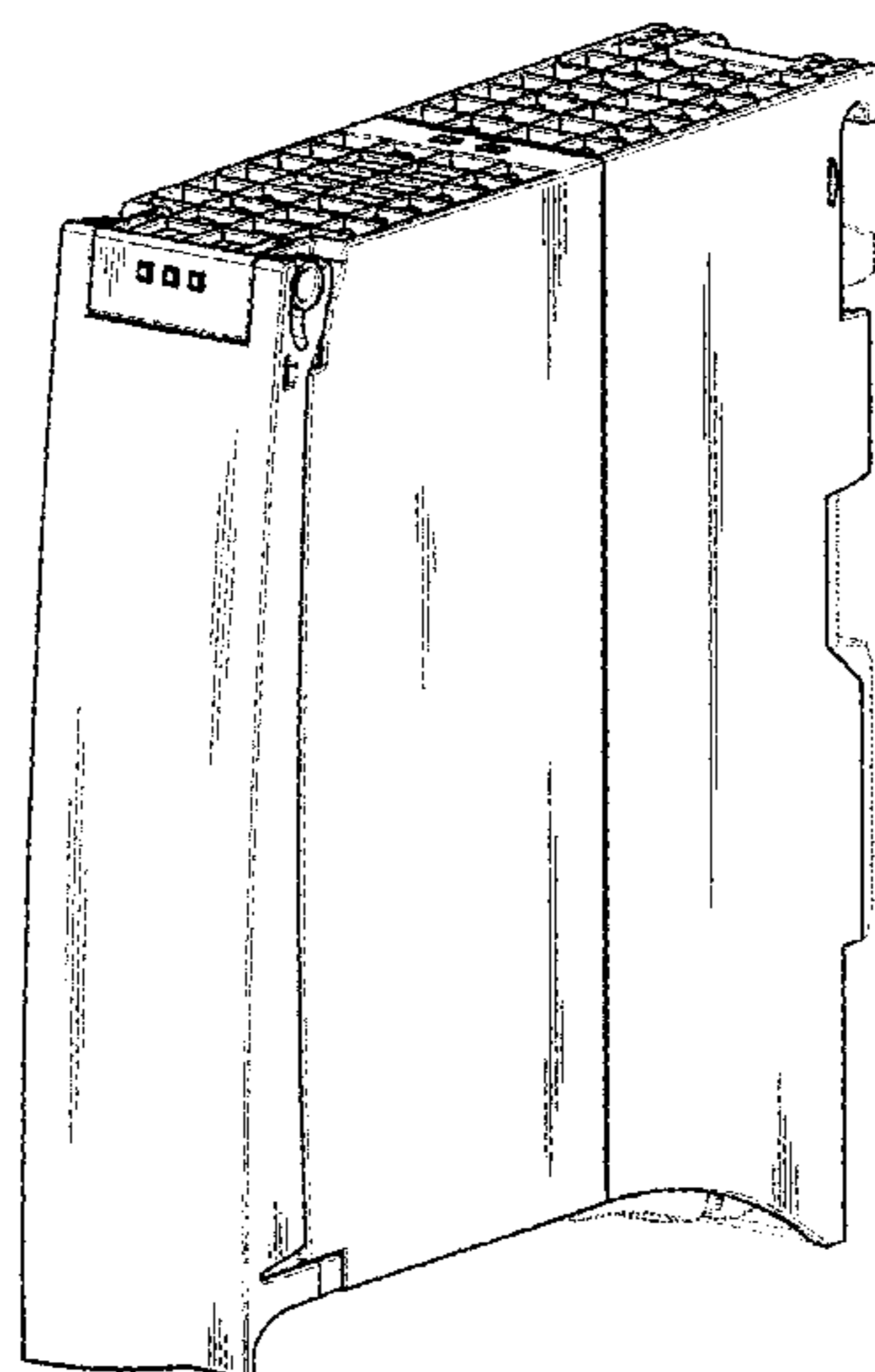
FIG. 5 is a right-side elevation view of the periphery data processing device;

FIG. 6 is left-side elevation view of the periphery data processing device; and,

FIG. 7 is a perspective view of the periphery data processing device.

The broken lines shown in the drawing views are for illustrative purposes only and forms no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,027,296 B2 *	4/2006	Bock	361/622	D598,867 S *	8/2009	Nada et al.	D13/162.1
D520,992 S *	5/2006	Lee	D14/301	D692,397 S *	10/2013	Liu et al.	D13/162.1
7,066,677 B2 *	6/2006	Ruter	403/231	8,602,816 B2 *	12/2013	Donhauser et al.	439/532
D524,760 S *	7/2006	Ohlwine et al.	D13/162.1	D702,647 S *	4/2014	Liu et al.	D13/162.1
D527,349 S *	8/2006	Lee	D13/162.1	D733,665 S *	7/2015	Ringer	D13/162.1
D563,903 S *	3/2008	Radau et al.	D13/162	2002/0072256 A1 *	6/2002	Lostoski et al.	439/76.1
D588,552 S *	3/2009	Radau et al.	D13/162	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

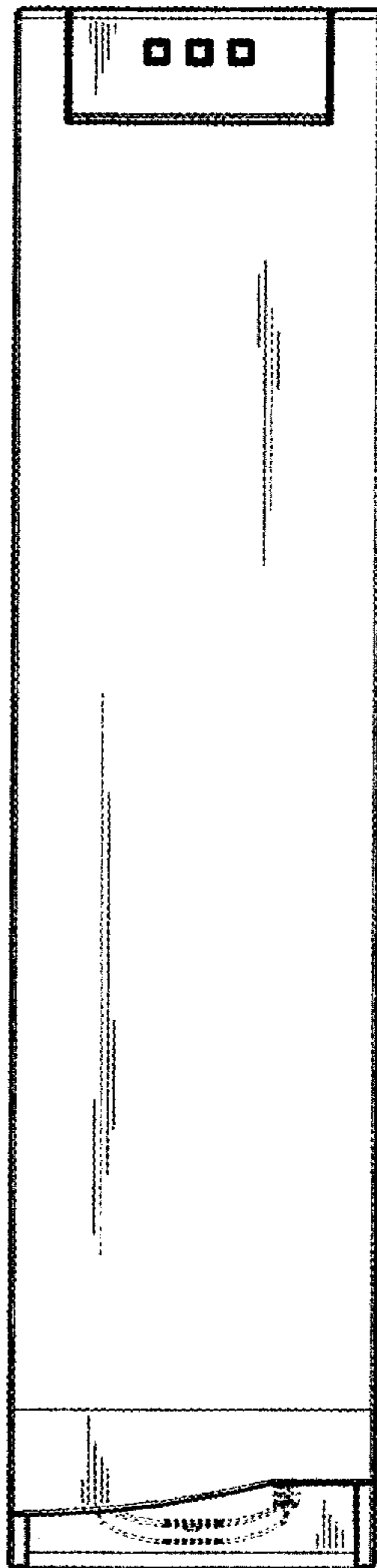


FIG 2

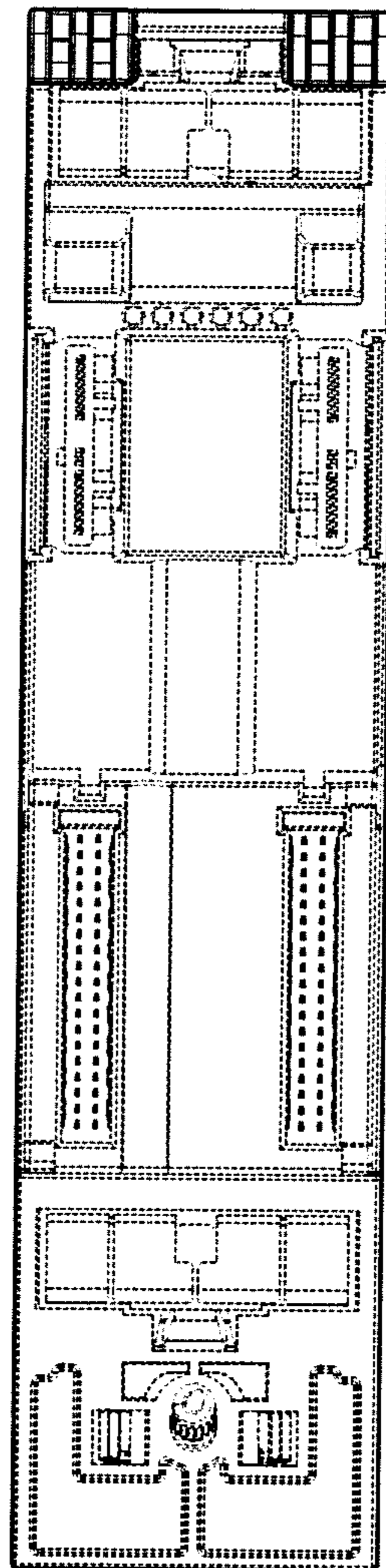


FIG 3

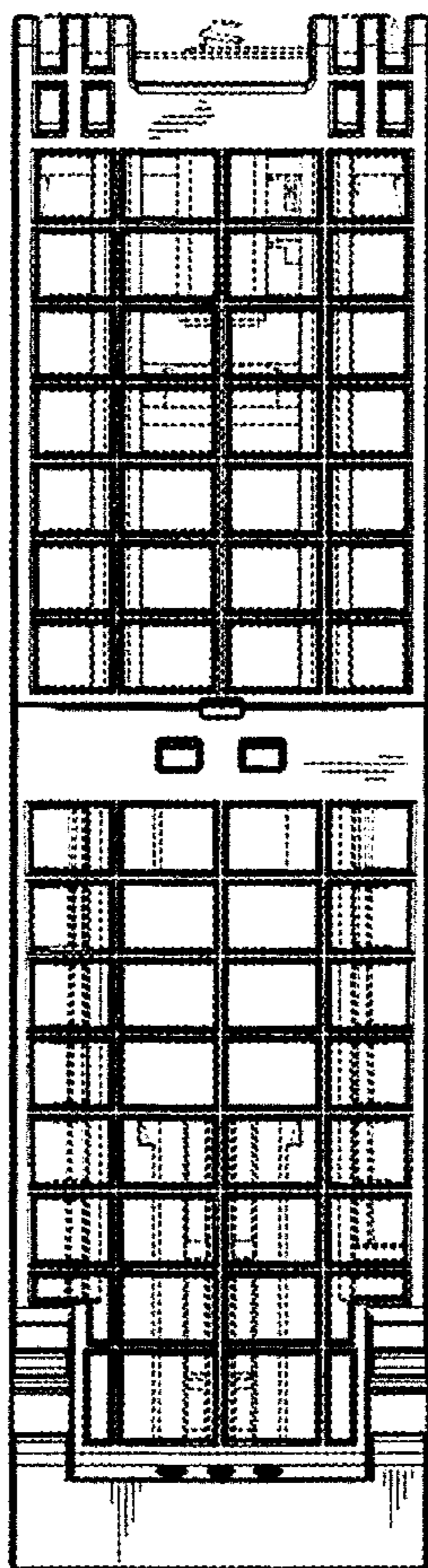


FIG 4

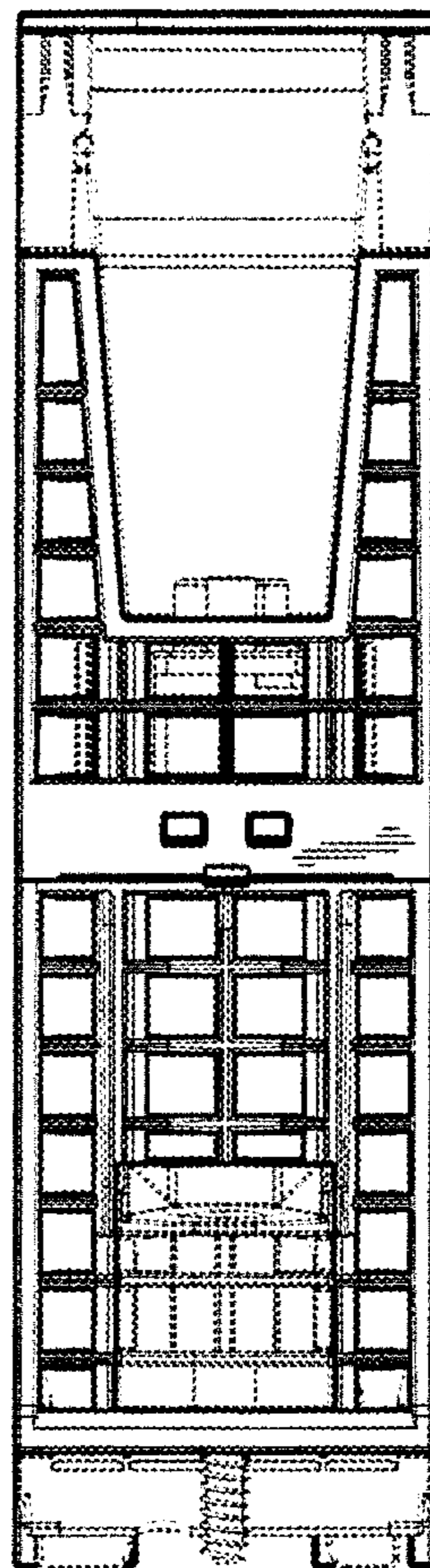


FIG 5

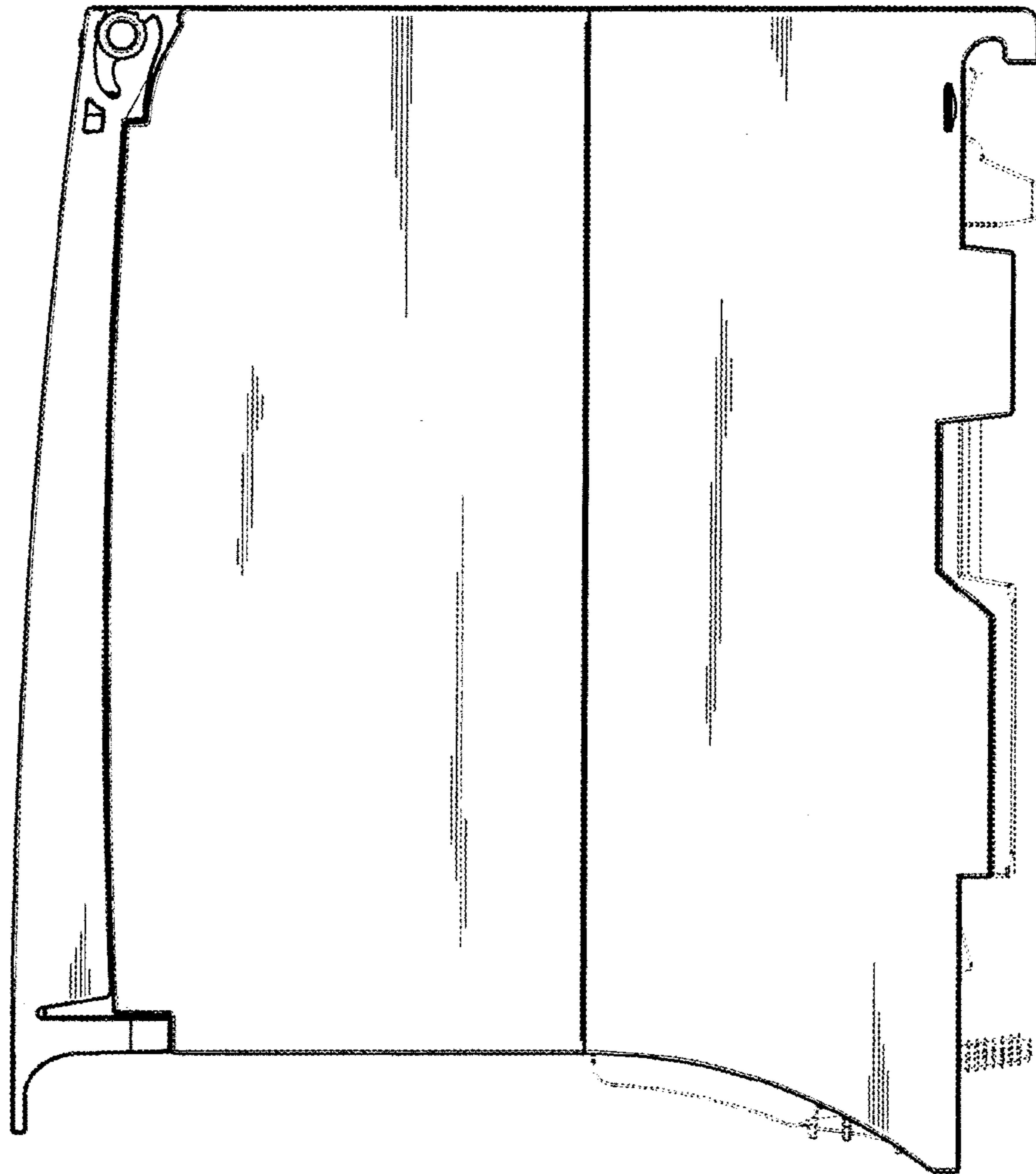


FIG 6

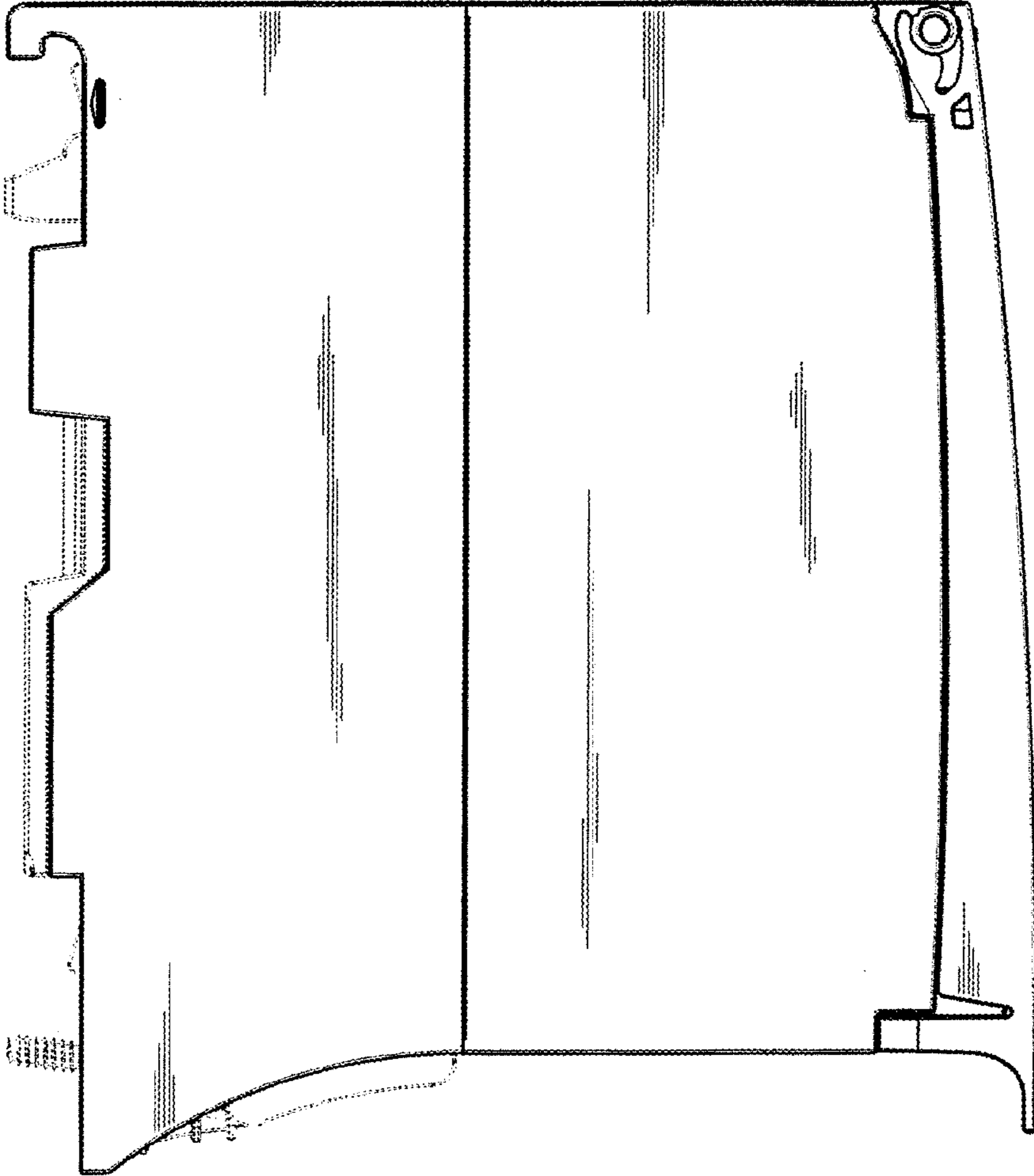




FIG 7

