

(12) **United States Design Patent** (10) **Patent No.: US D494,130 S**
Johnson et al. (45) **Date of Patent: ** Aug. 10, 2004**

(54) **BATTERY**

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

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Related U.S. Application Data

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(51) **LOC (7) Cl.** **13-02**

(52) **U.S. Cl.** **D13/103; D13/119**

(58) **Field of Search** **D13/103; 429/96-100**

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,656,199 A	*	1/1928	Hodgson		434/403
3,906,369 A		9/1975	Pitman et al.		
D260,886 S		9/1981	Taylor		
D266,501 S		10/1982	Stefanik		
D278,142 S		3/1985	Chan		
D278,426 S		4/1985	Lanci et al.		
D285,554 S		9/1986	Beaumont et al.		
D295,529 S		5/1988	Masaki et al.		
D301,135 S		5/1989	Schappler		
4,845,650 A		7/1989	Meade et al.		
D313,391 S		1/1991	Pudwill		
D321,338 S		11/1991	Sakamoto et al.		
D322,060 S		12/1991	Iino		
5,144,217 A	*	9/1992	Gardner et al.		320/110
5,213,913 A		5/1993	Anthony, III et al.		

5,592,064 A	*	1/1997	Morita		320/110
D387,728 S		12/1997	Kawakami et al.		
D388,792 S		1/1998	Nykerk		
D398,900 S		9/1998	Roman		
5,902,080 A		5/1999	Kopras		
D412,485 S		8/1999	Kato et al.		
D417,648 S		12/1999	Clowers et al.		
D436,917 S	*	1/2001	Hayakawa et al.		D13/103

(List continued on next page.)

FOREIGN PATENT DOCUMENTS

JP 2001143678 7/2001

OTHER PUBLICATIONS

Dantona Industries, Inc. list of tool batteries entitled "New Power Tool Programs from Dantona", dated Sep. 2001.

(List continued on next page.)

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(57) **CLAIM**

We claim the ornamental design for a battery, as shown and described.

DESCRIPTION

FIG. 1 is a rear perspective view of a battery embodying the invention.

FIG. 2 is a top view of a battery shown in FIG. 1.

FIG. 3 is a rear view of a battery shown in FIG. 1.

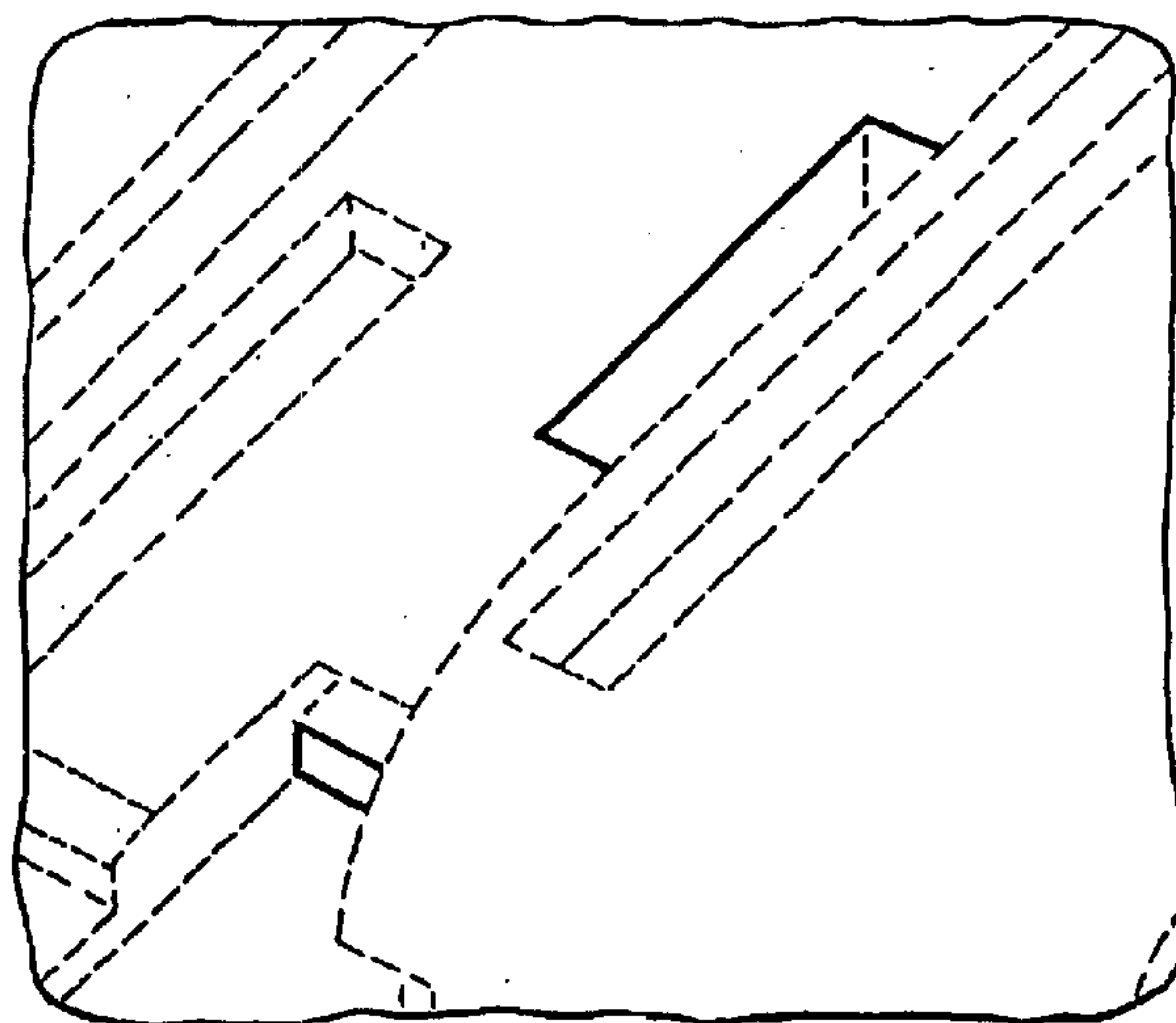
FIG. 4 is an enlarged rear perspective view of a battery shown in FIG. 1.

FIG. 5 is an enlarged top view of a battery shown in FIG. 1; and,

FIG. 6 is an enlarged rear view of a battery shown in FIG. 1.

The housing of the battery and the locking mechanism are not considered part of the design sought to be patented, and have accordingly been shown in broken lines.

1 Claim, 5 Drawing Sheets



U.S. PATENT DOCUMENTS

6,196,874 B1 * 3/2001 Wu 439/607
 D450,338 S 11/2001 Hamamura
 6,319,041 B1 * 11/2001 Nishide et al. 439/352
 D460,413 S 7/2002 Zurwelle et al.
 6,508,313 B1 1/2003 Carney et al.
 6,537,694 B1 3/2003 Sugiura et al.

OTHER PUBLICATIONS

Article entitled “Makita Launches Nickel Metal Hydride”,
http://www.makita.com/Press_Item_View.asp?id=32, vis-
 ited Apr. 17, 2002.

Article entitled “Makita’s Nickel–Metal Hydride Batteries
 Reach a New Level”, [http://www.makita.com/Press_Item_
 View.asp?id=30](http://www.makita.com/Press_Item_View.asp?id=30), visited Apr. 17, 2002.

Article entitled “1 Hour Charger”, [http://www.
 boschtools.com/Tools+and+Accessories/Accessories/acc__
 specifications.htm?item_no=BC001](http://www.boschtools.com/Tools+and+Accessories/Accessories/acc__specifications.htm?item_no=BC001), visited Apr. 17, 2002.

Article entitled “Professional Cordless Tools”, [http://www.
 panasonic.com/commercial_building/power_tools/press/
 pr8.html](http://www.panasonic.com/commercial_building/power_tools/press/pr8.html), visited Apr. 16, 2002.

Article entitled “‘H’ Type Nickel Metal Hydride Battery:
 Improved Low Rate Charge Characteristics at Higher Tem-
 peratures”, dated Apr. 2002.

* cited by examiner

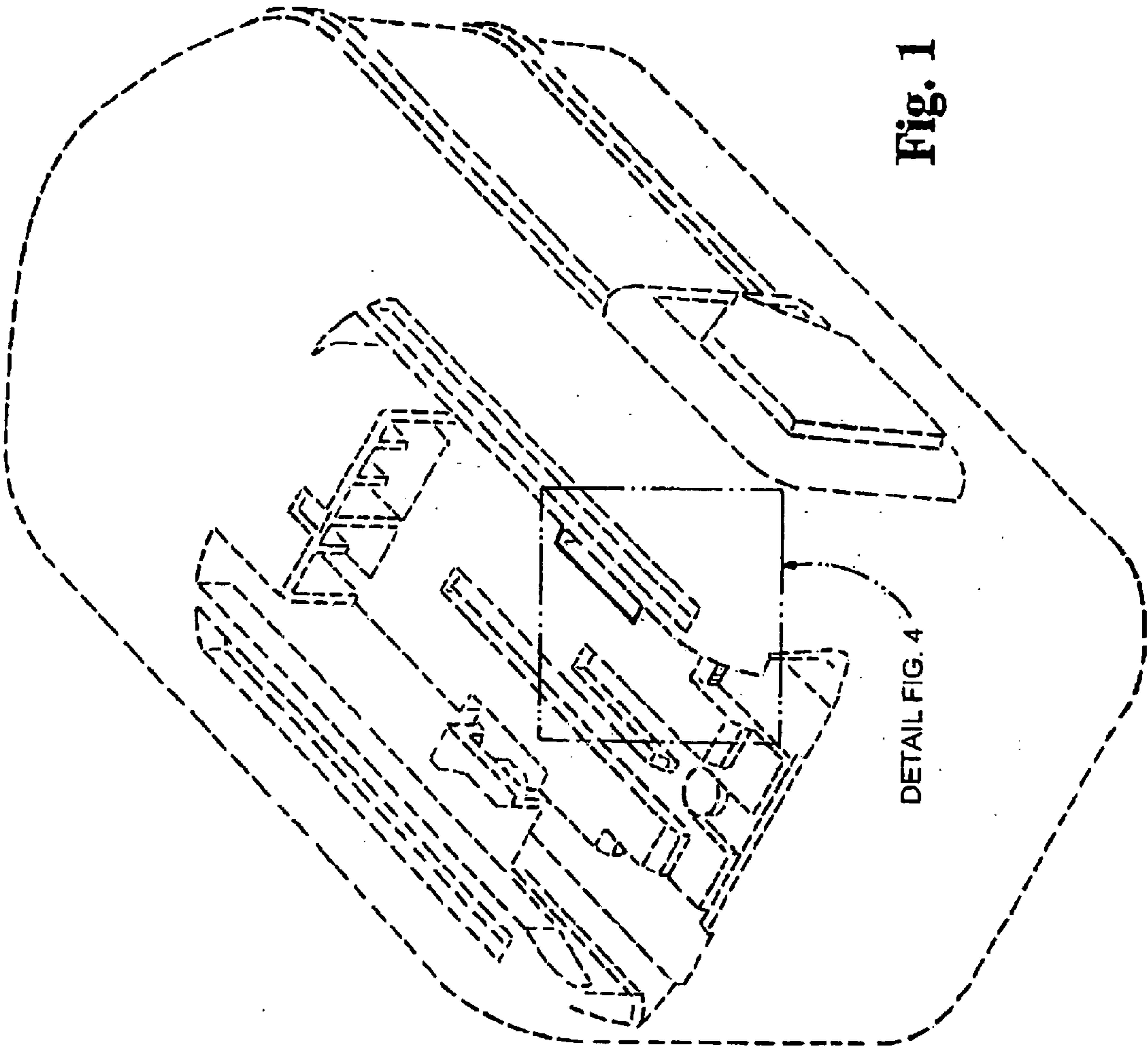


Fig. 1

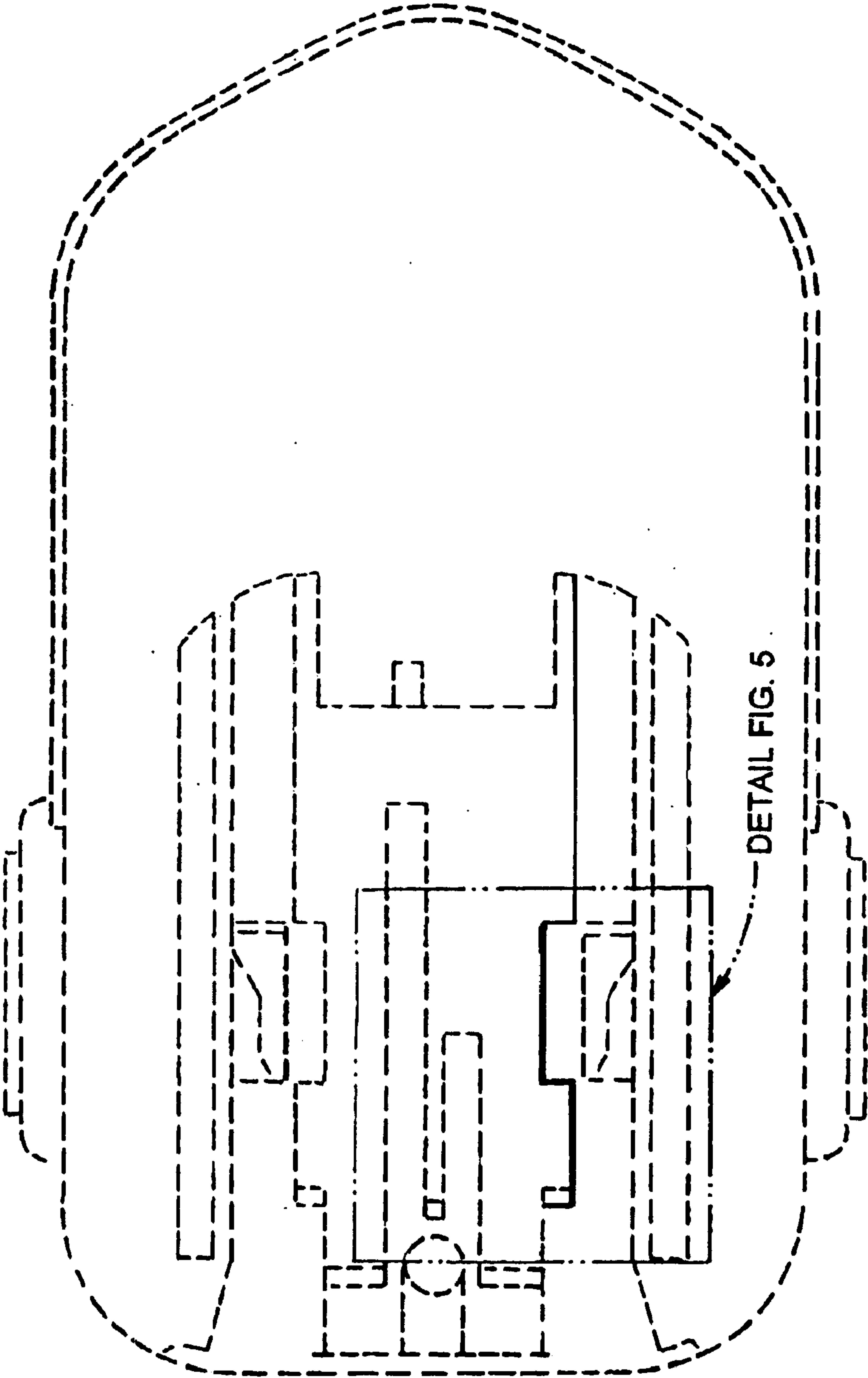


Fig. 2

DETAIL FIG. 6

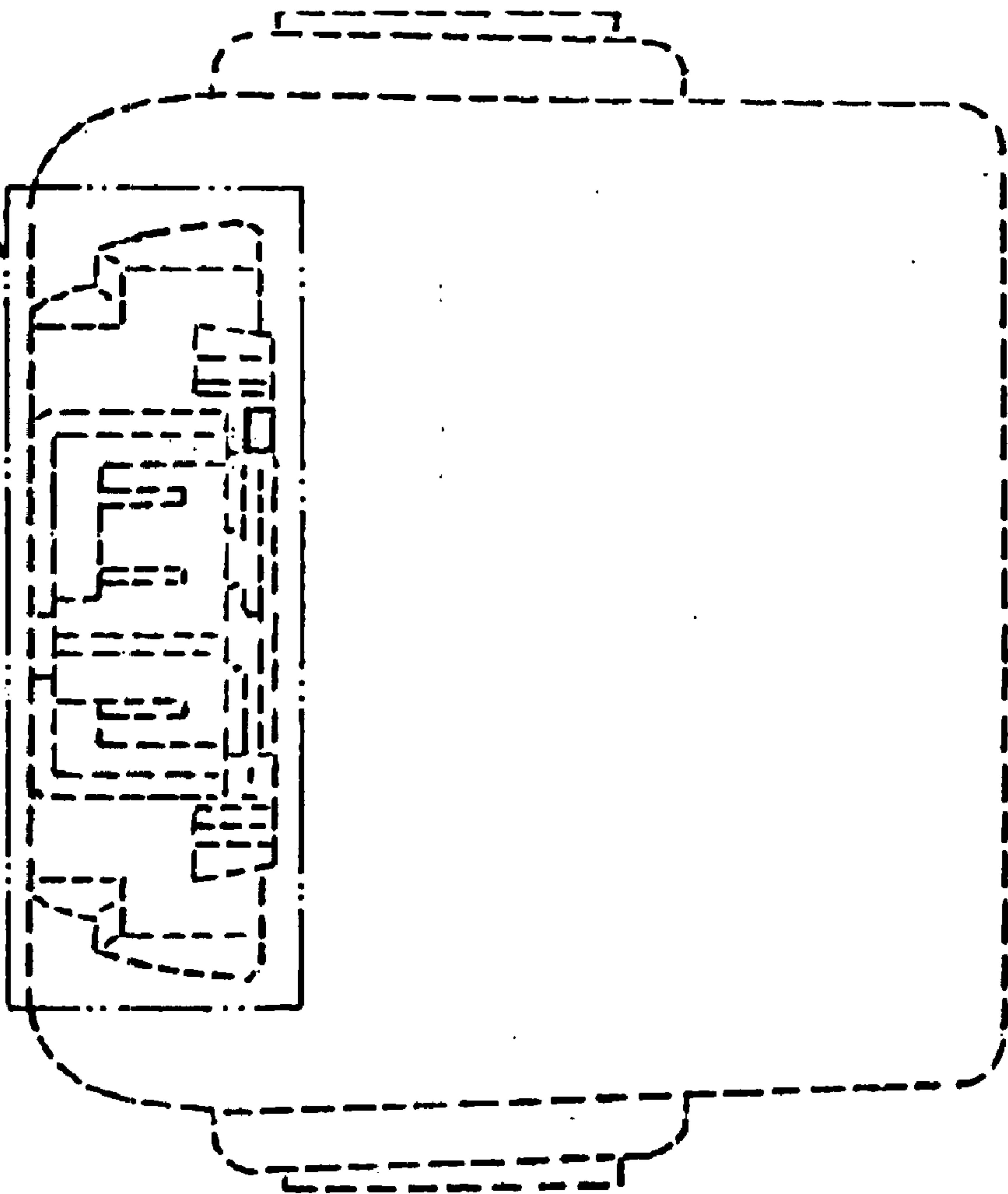


Fig. 3

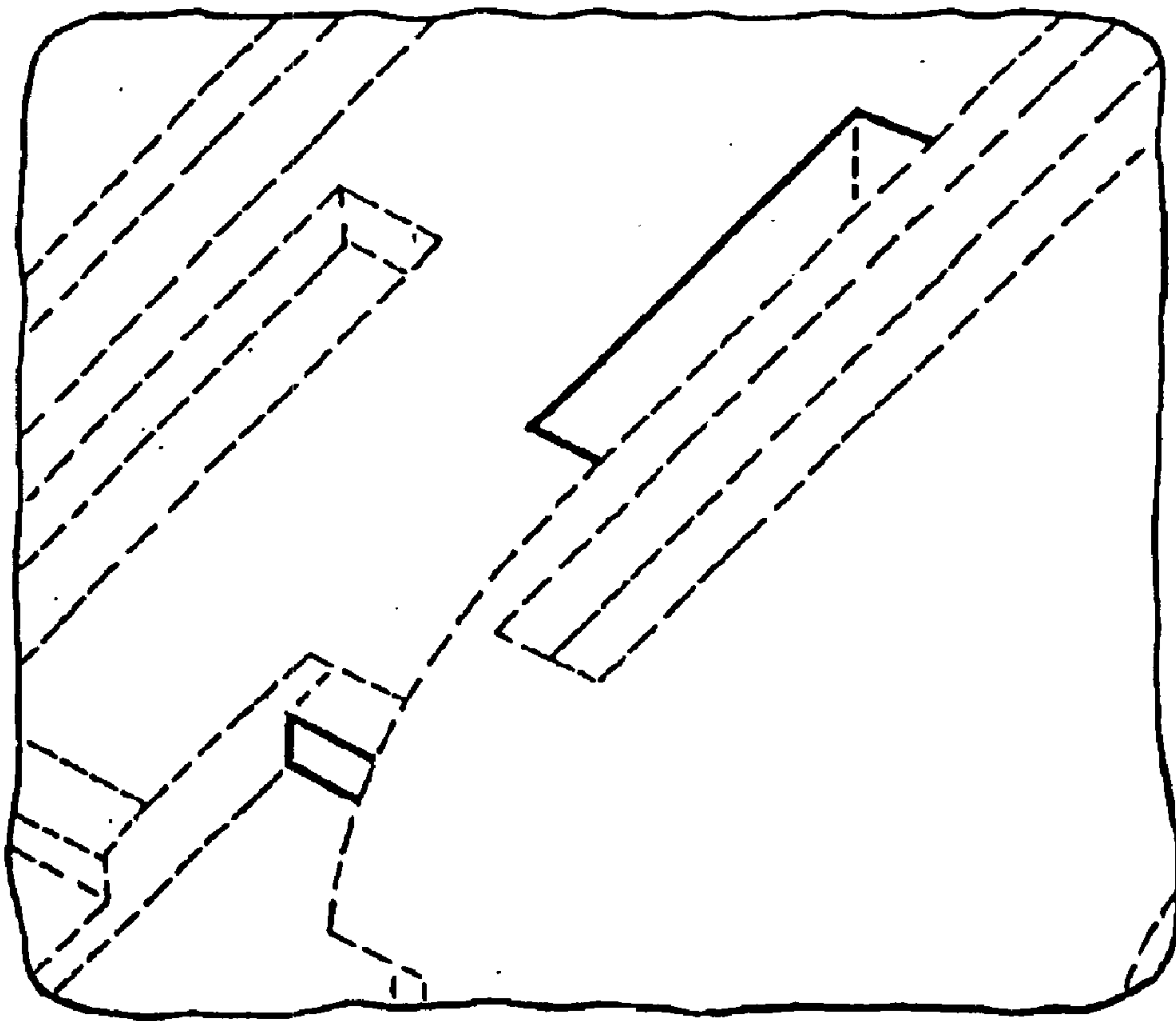


Fig. 4

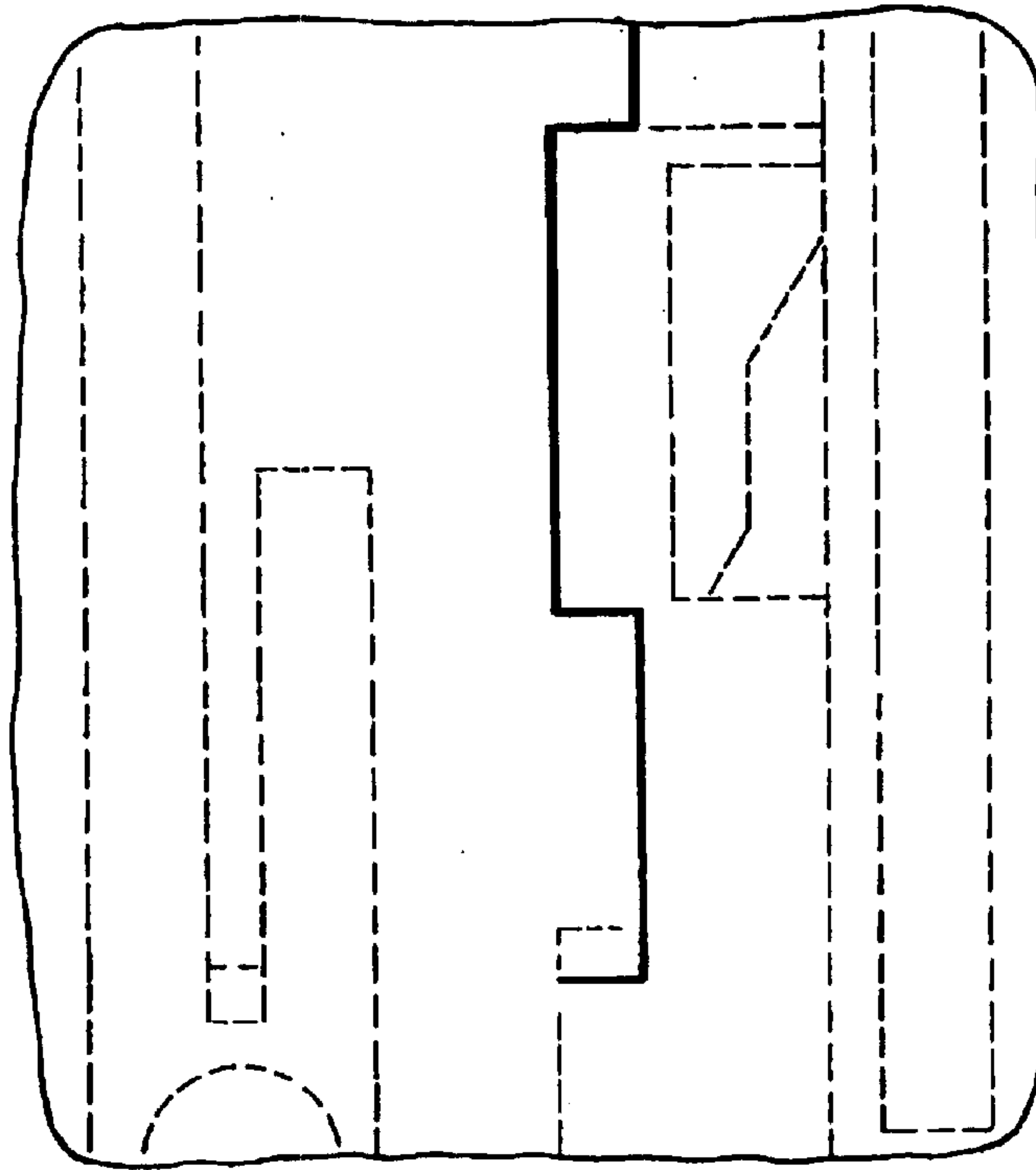


Fig. 5

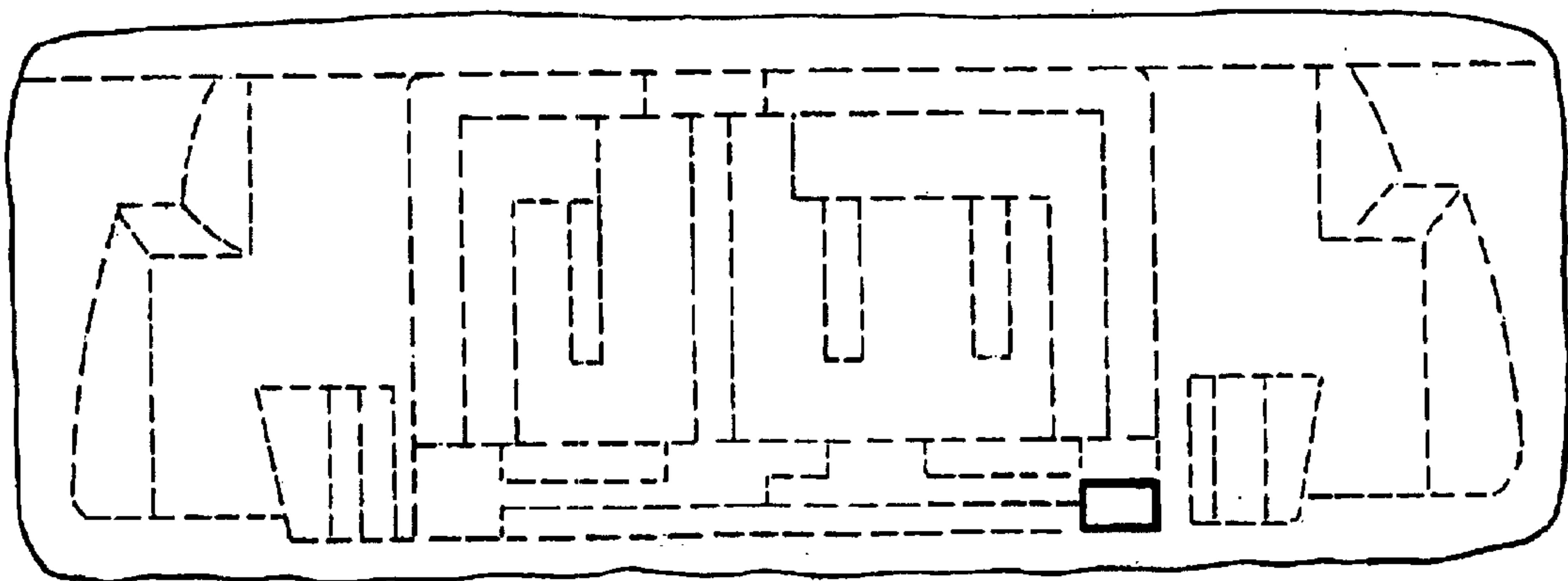


Fig. 6