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(12) **United States Design Patent** (10) **Patent No.:** **US D493,416 S**
Moler (45) **Date of Patent:** **** Jul. 27, 2004**

(54) **INTEGRAL ACTUATOR WITH FORCE
TRANSFER MEMBER**

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FL (US)

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

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

(52) **U.S. Cl.** **D13/101**

(58) **Field of Search** D13/101, 118,
D13/152, 158, 173, 174; D15/1-7; 137/599;
310/328, 330, 348; 361/600, 605, 616

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,558,936 A	1/1971	Horan	
3,649,857 A	3/1972	Knappe	
4,435,666 A	3/1984	Fukui et al.	
4,445,065 A	* 4/1984	Albert	310/338
4,460,840 A	7/1984	Weiger et al.	
4,570,095 A	2/1986	Uchikawa	
4,647,808 A	3/1987	Shibuya	
4,675,568 A	6/1987	Uchikawa et al.	
4,703,215 A	10/1987	Asano	
4,736,131 A	4/1988	Fujimoto	
4,777,398 A	10/1988	Shibuya	
4,783,610 A	11/1988	Asano	
4,785,215 A	* 11/1988	Blech	310/329
4,874,978 A	10/1989	Sakaida et al.	
4,874,980 A	10/1989	Mine et al.	
4,929,859 A	5/1990	Suzuki et al.	
4,937,489 A	6/1990	Hattori et al.	

4,979,275 A	12/1990	Sakaida et al.	
5,028,834 A	7/1991	Sakaida et al.	
5,059,850 A	* 10/1991	Yoshimura et al.	310/328
5,191,252 A	3/1993	Sano	
RE34,823 E	1/1995	Sakaida et al.	
5,410,206 A	4/1995	Luecke et al.	
5,479,064 A	12/1995	Sano	
5,712,524 A	1/1998	Suga	
5,881,767 A	3/1999	Loser	
6,025,671 A	2/2000	Boecking	
D430,116 S	* 8/2000	Huang	D13/184
6,131,879 A	10/2000	Kluge et al.	
6,250,158 B1	* 6/2001	Stewart	73/504.14
6,404,108 B1	* 6/2002	Yachi et al.	310/330
6,619,122 B1	* 9/2003	Nozoe	73/504.16

* cited by examiner

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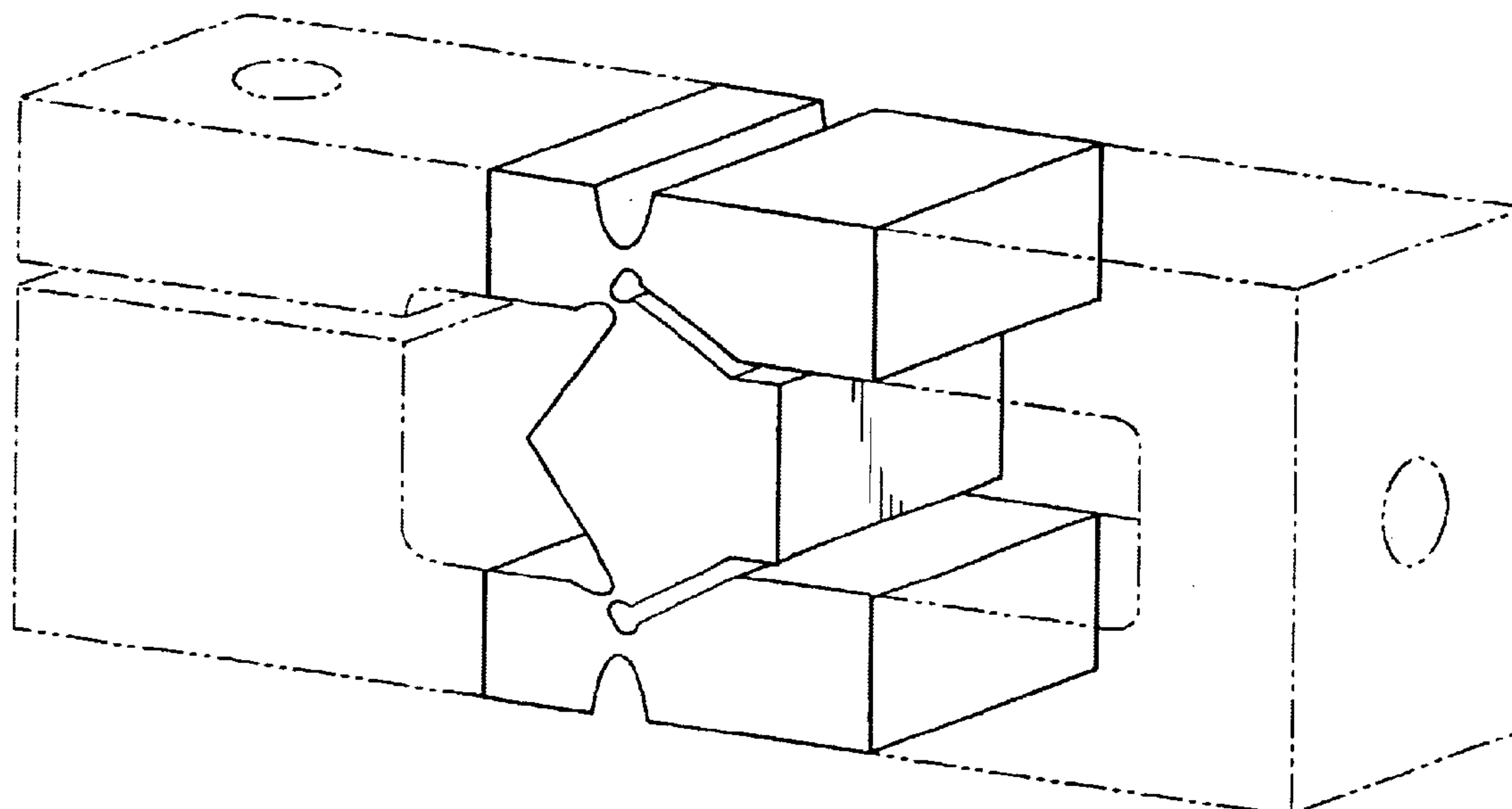
(57) **CLAIM**

The ornamental design for a an integral actuator with force transfer member, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an integral actuator with force transfer member, showing my design;
FIG. 2 is a front elevation view thereof. It is understood that the rear elevation view being a mirror image of FIG. 2;
FIG. 3 is a top plan view thereof. It is understood that the bottom plan view being a identical thereto;
FIG. 4 is a left side elevation view thereof; and,
FIG. 5 is a right side elevation view thereof.
The broken line showing of the environment is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



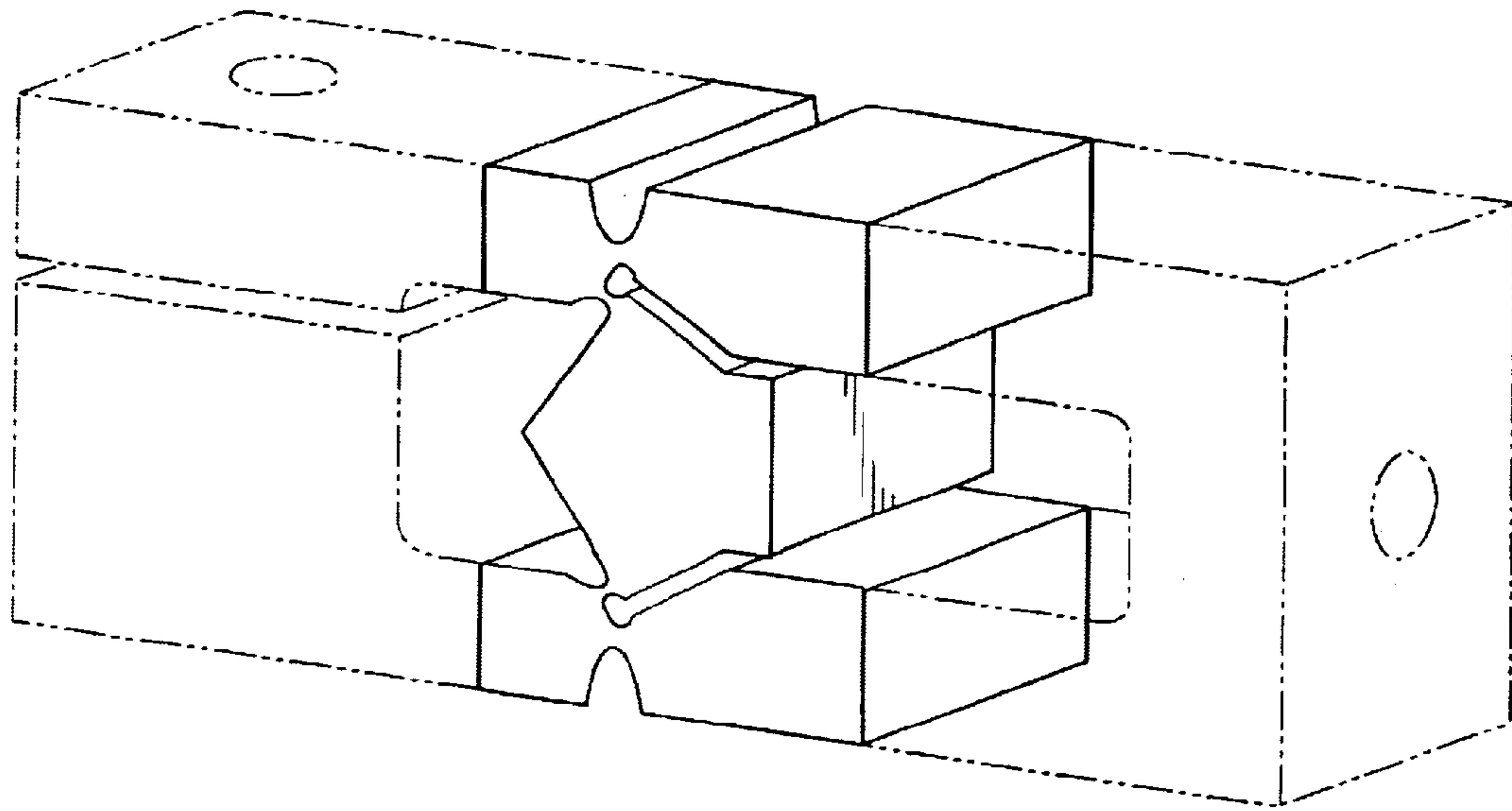


FIG - 1

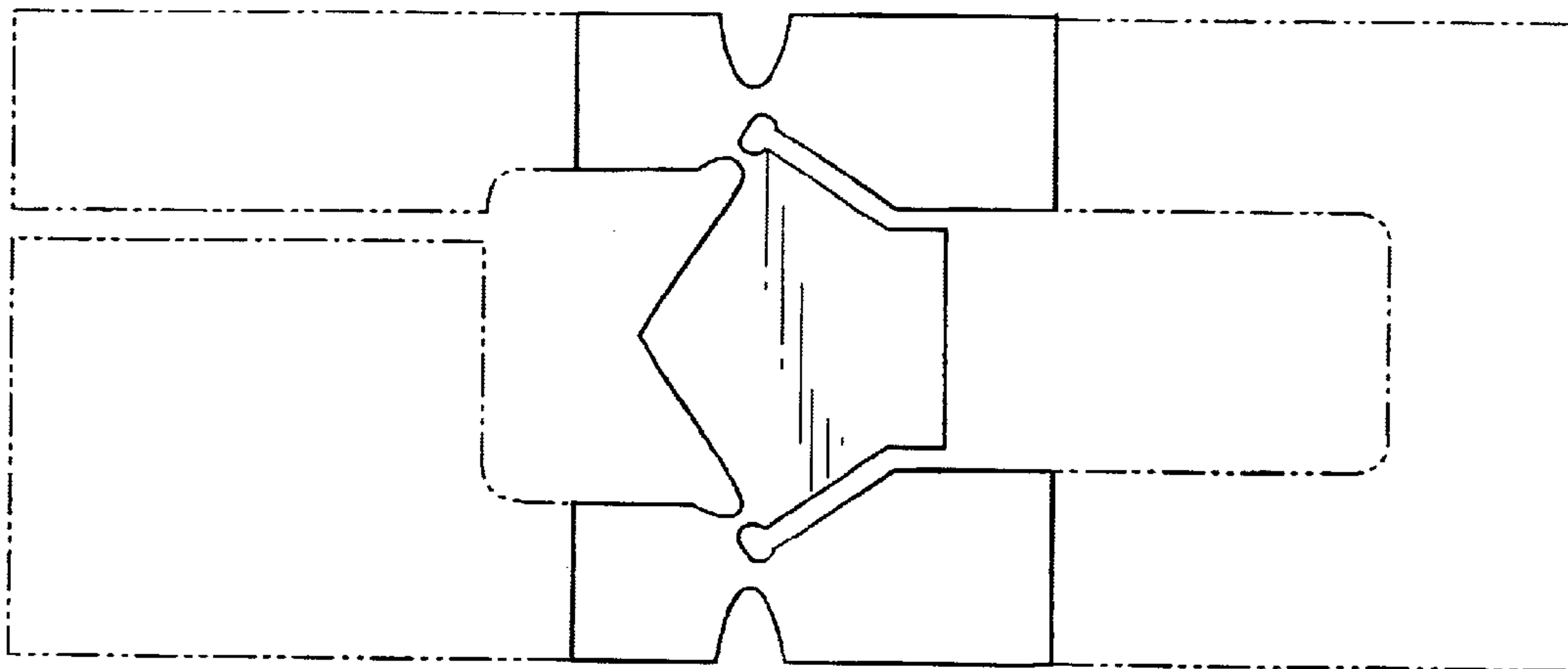


FIG - 2

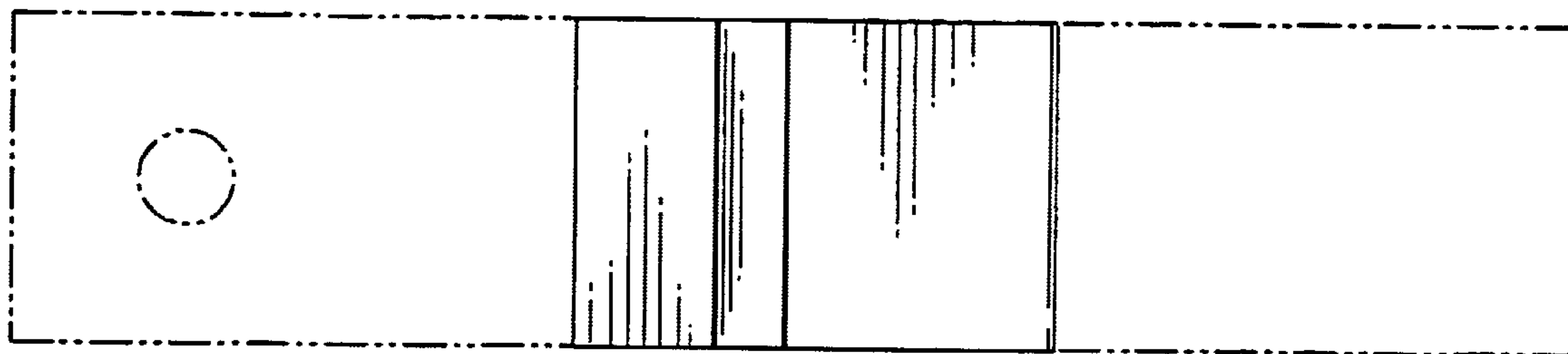


FIG - 3

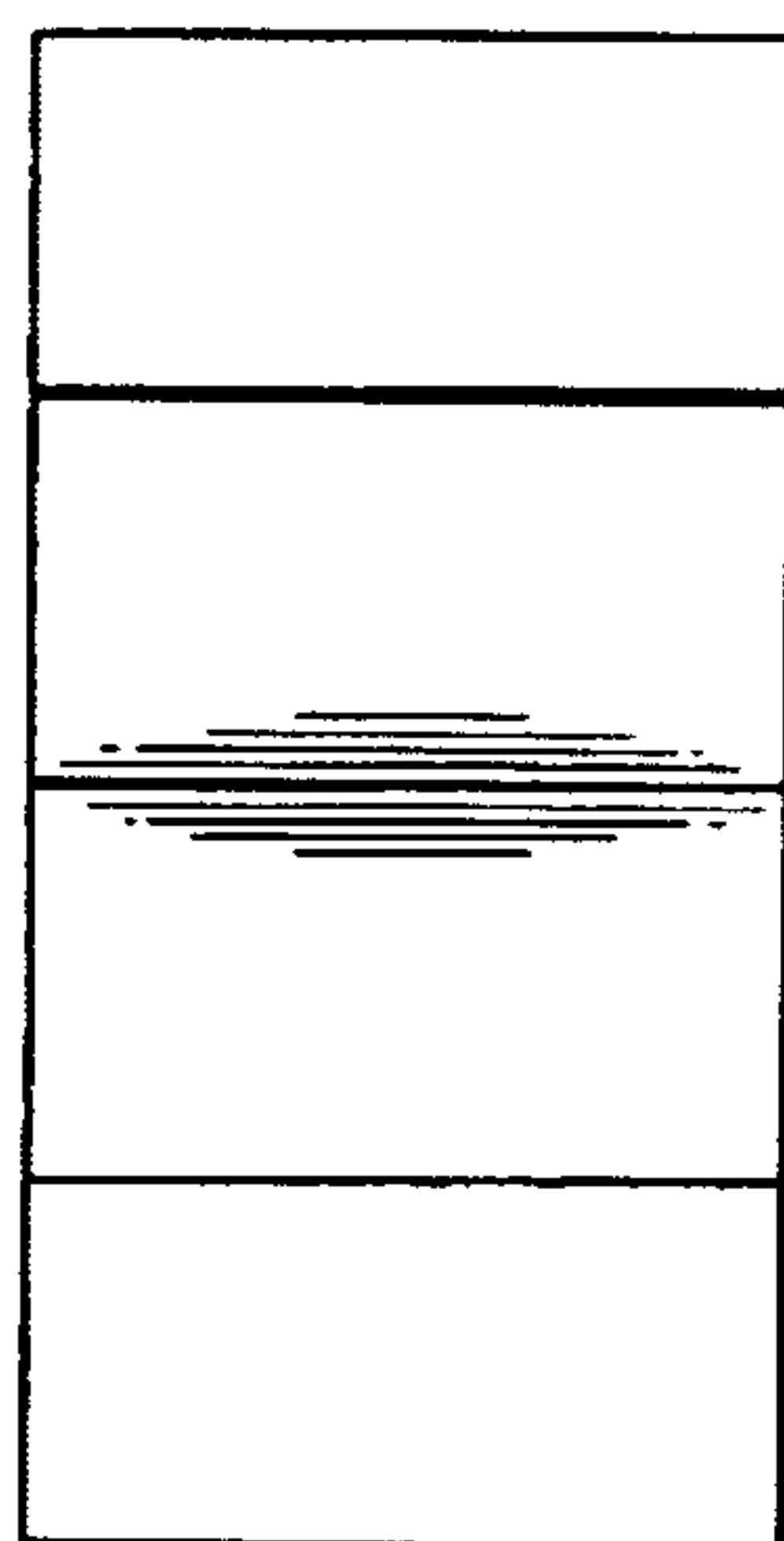


FIG - 4

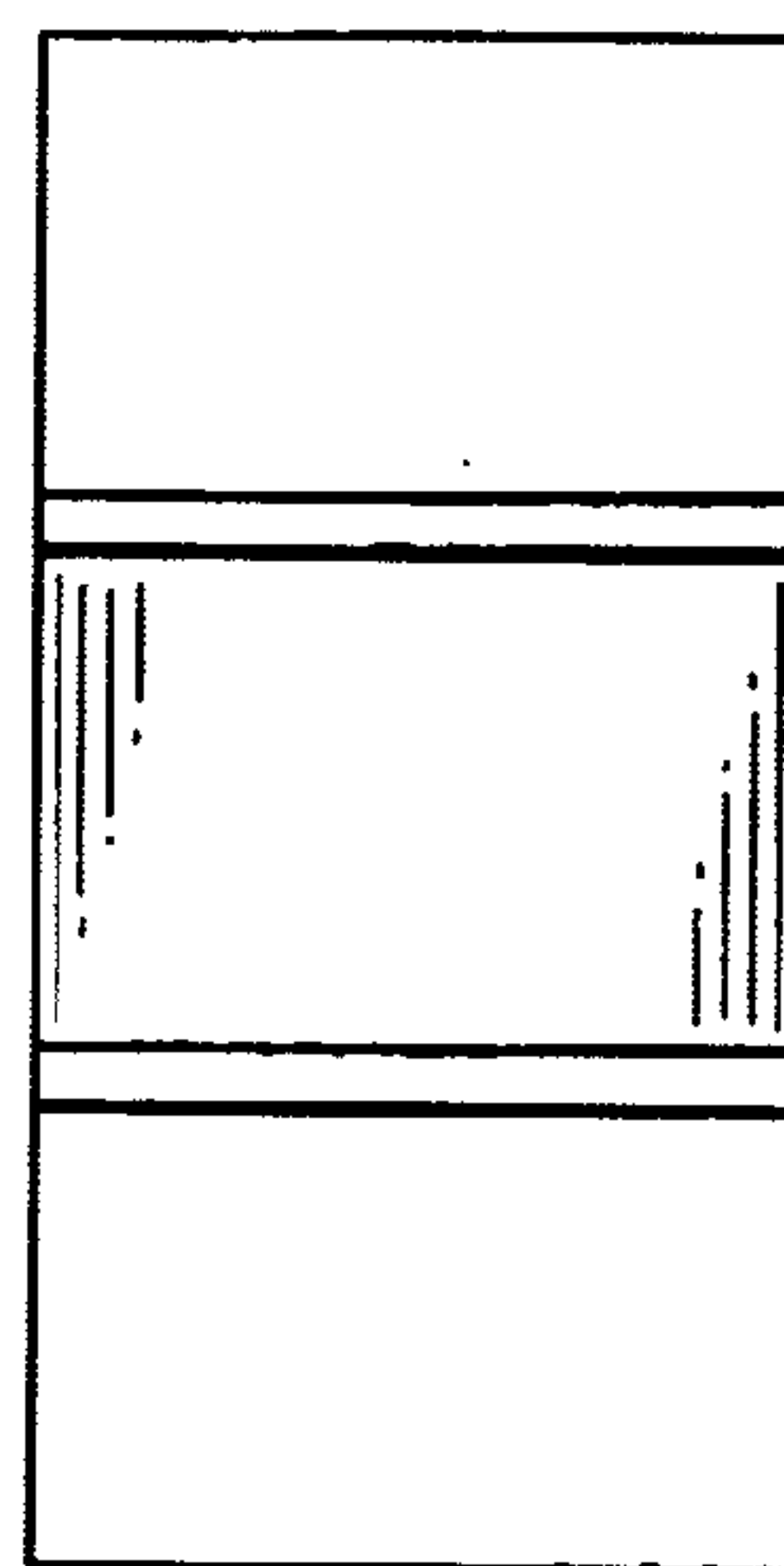


FIG - 5