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United States Patent [19]

Zabawski et al.

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[54] **HOUSING FOR EMITTERS FOR INFRARED DETECTORS**

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[73] Assignee: **Lumex, Inc.**, Palatine, Ill.

[**] Term: **14 Years**

[21] Appl. No.: **29/072,425**

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[51] **LOC (7) Cl.** **10-05**

[52] **U.S. Cl.** **D10/106**

[58] **Field of Search** D26/1, 2, 3, 4; 340/521, 540, 541, 545, 555, 556, 557, 565, 571, 572, 573, 628, 629, 630; 362/226, 235, 236, 237, 240, 307, 800; D10/104, 106, 116, 121

[56] **References Cited**

U.S. PATENT DOCUMENTS

Re. 34,254	5/1993	Dragoon .	
D. 383,078	9/1997	Carmi	D10/106
D. 388,722	1/1998	Wilson	D10/106
D. 398,872	9/1998	Jan	D10/106
D. 399,156	1/1998	Thiband	D10/106
D. 403,260	12/1998	Chu	D10/106
D. 404,670	11/1999	Jackson et al.	D10/106
4,935,856	6/1990	Dragoon .	

4,959,761	9/1990	Cirtelli et al.	362/226
5,121,311	6/1992	Cheselske	362/240
5,327,328	7/1994	Simms et al. .	
5,349,504	9/1994	Simms et al. .	

OTHER PUBLICATIONS

PRISM™ CBI™, SMD Circuit Board Indicators, Dialight Catalog, May 1994, Dialight, 1913 Atlantic Ave., Manasquan, New Jersey 08736.

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[57] **CLAIM**

The ornamental design of a housing for emitters for infrared detectors, as shown.

DESCRIPTION

FIG. 1 is a bottom perspective view of a housing emitters for infrared detectors, such as a light emitting diode, according to one preferred embodiment of this invention;

FIG. 2 is a front view of the housing for emitters for infrared detectors, as shown in FIG. 1 ;

FIG. 3 is a rear view of the housing for emitters for infrared detectors, as shown in FIG. 1;

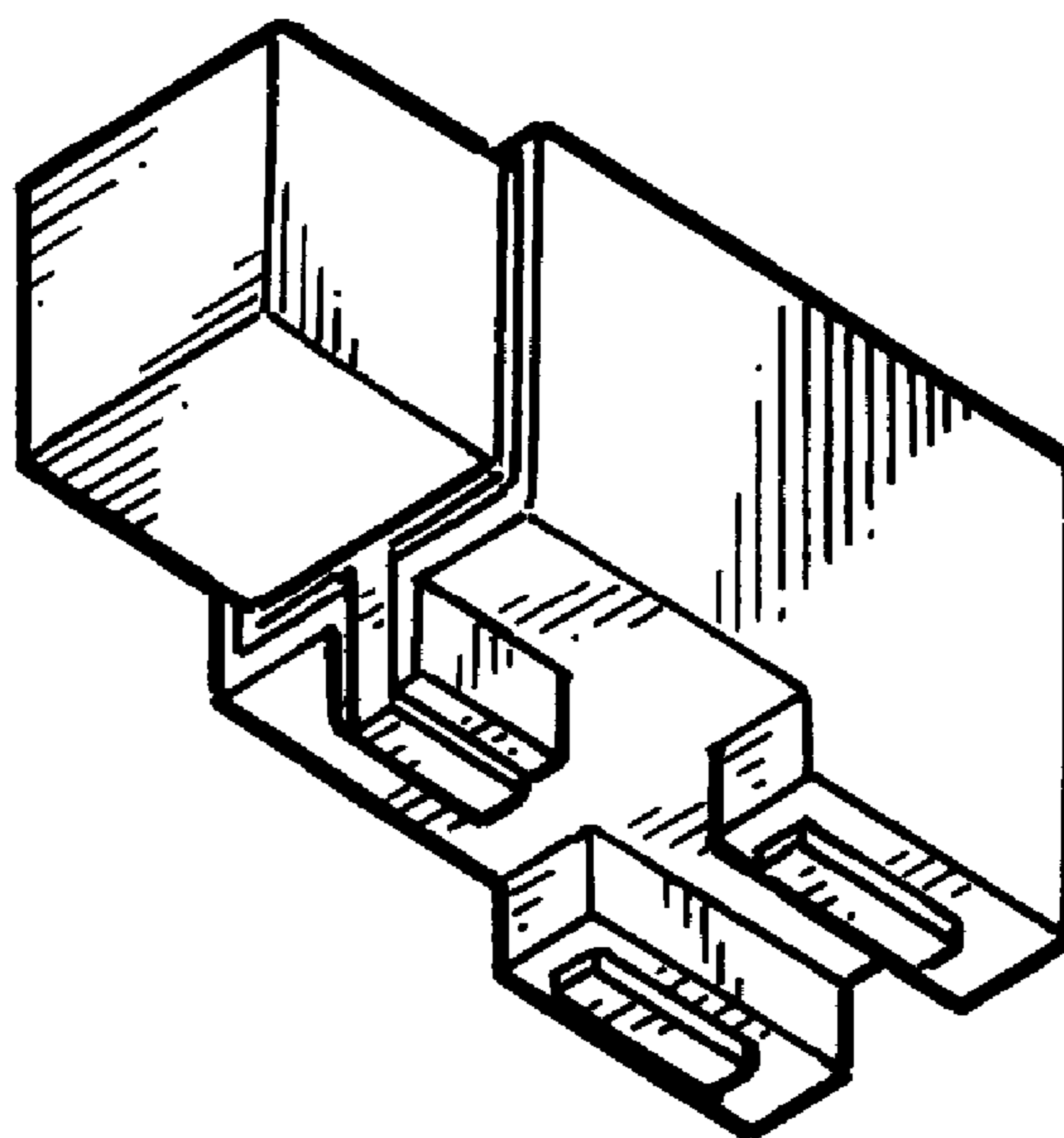
FIG. 4 is a side view of the housing for emitters for infrared detectors, as shown in FIG. 1;

FIG. 5 is a side view, opposite the side view shown in FIG. 4, of the housing for emitters for infrared detectors, as shown in FIG. 1;

FIG. 6 is a top view of the housing for emitters for infrared detectors, as shown in FIG. 1; and,

FIG. 7 is a bottom view of the housing for emitters for infrared detectors, as shown in FIG. 1.

1 Claim, 1 Drawing Sheet



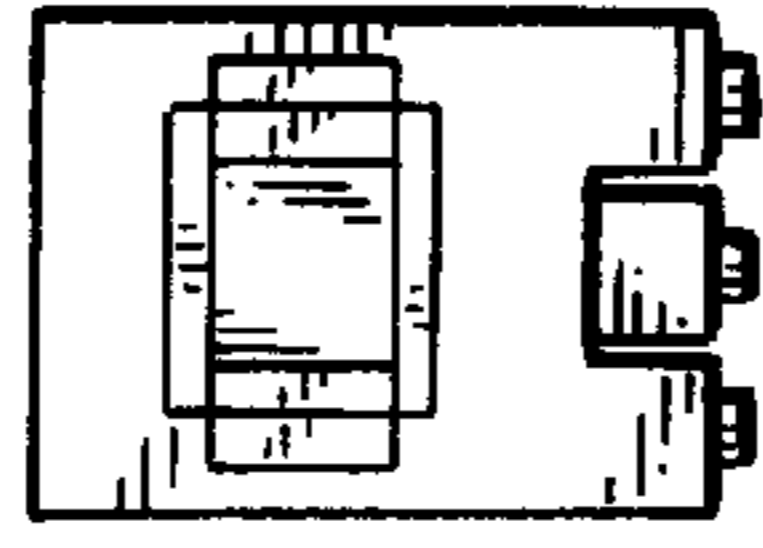


FIG. 3

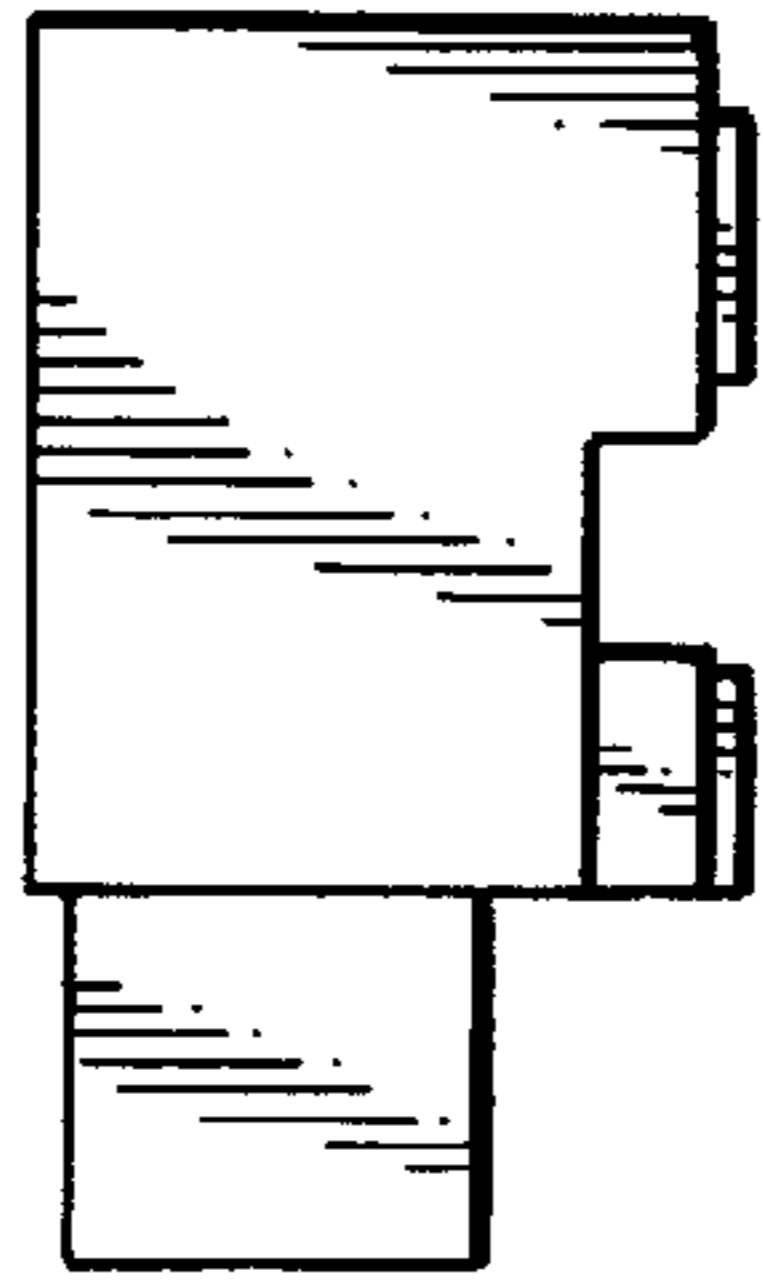


FIG. 5

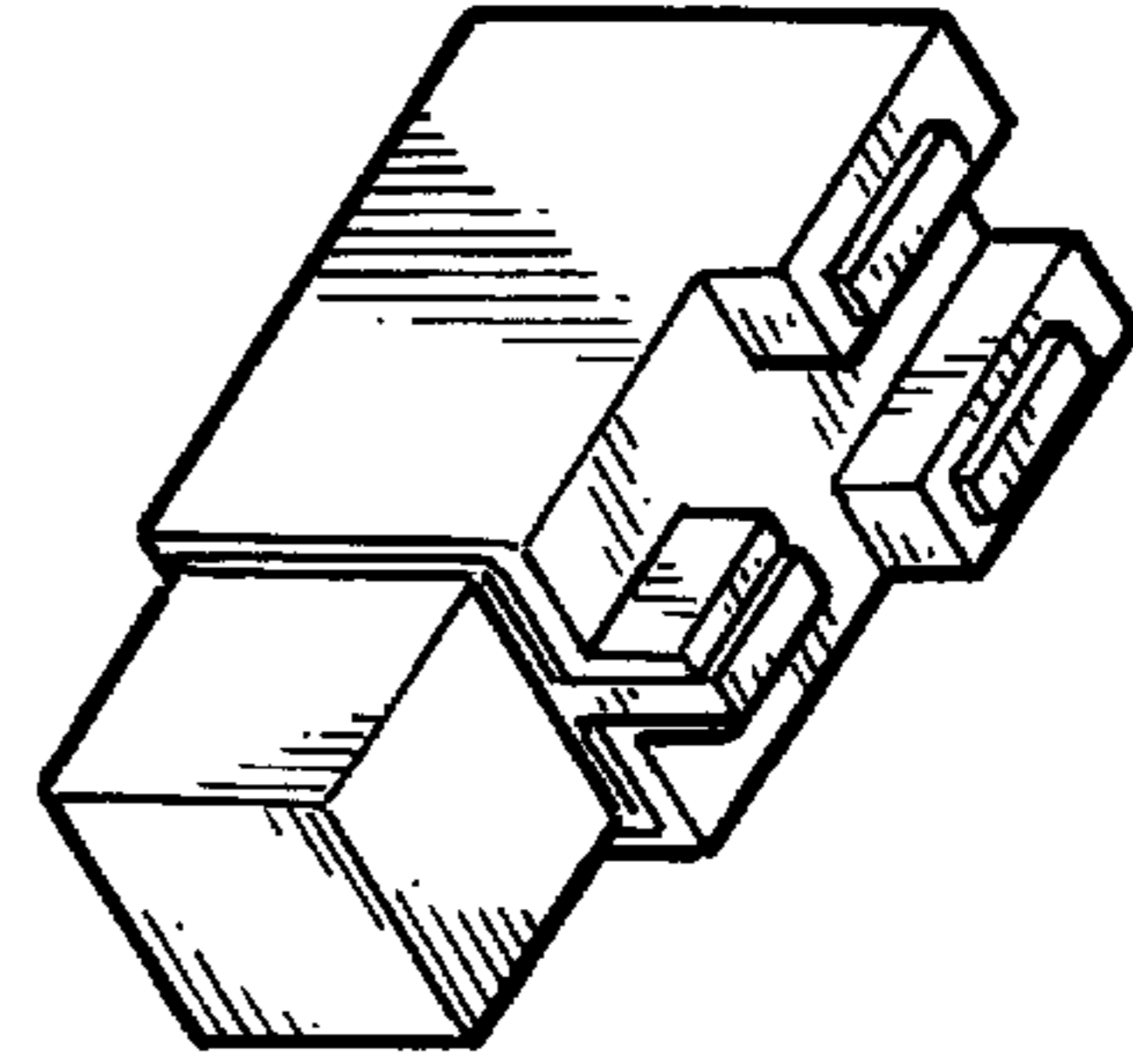


FIG. 1



FIG. 6

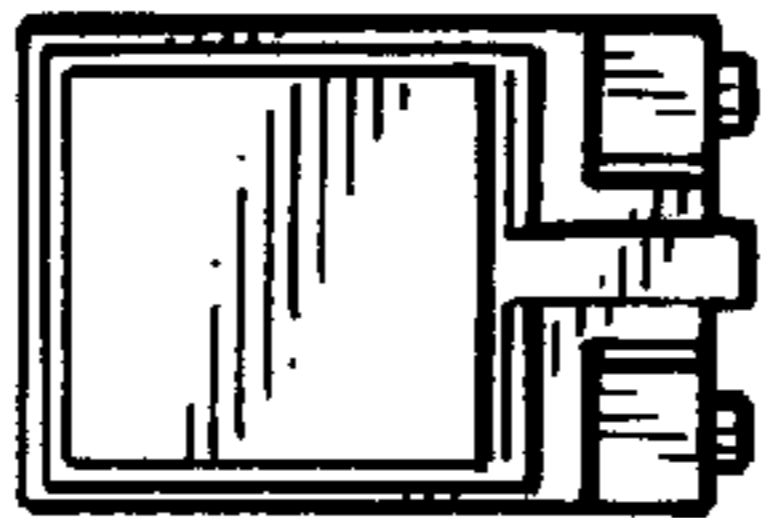


FIG. 2



FIG. 7

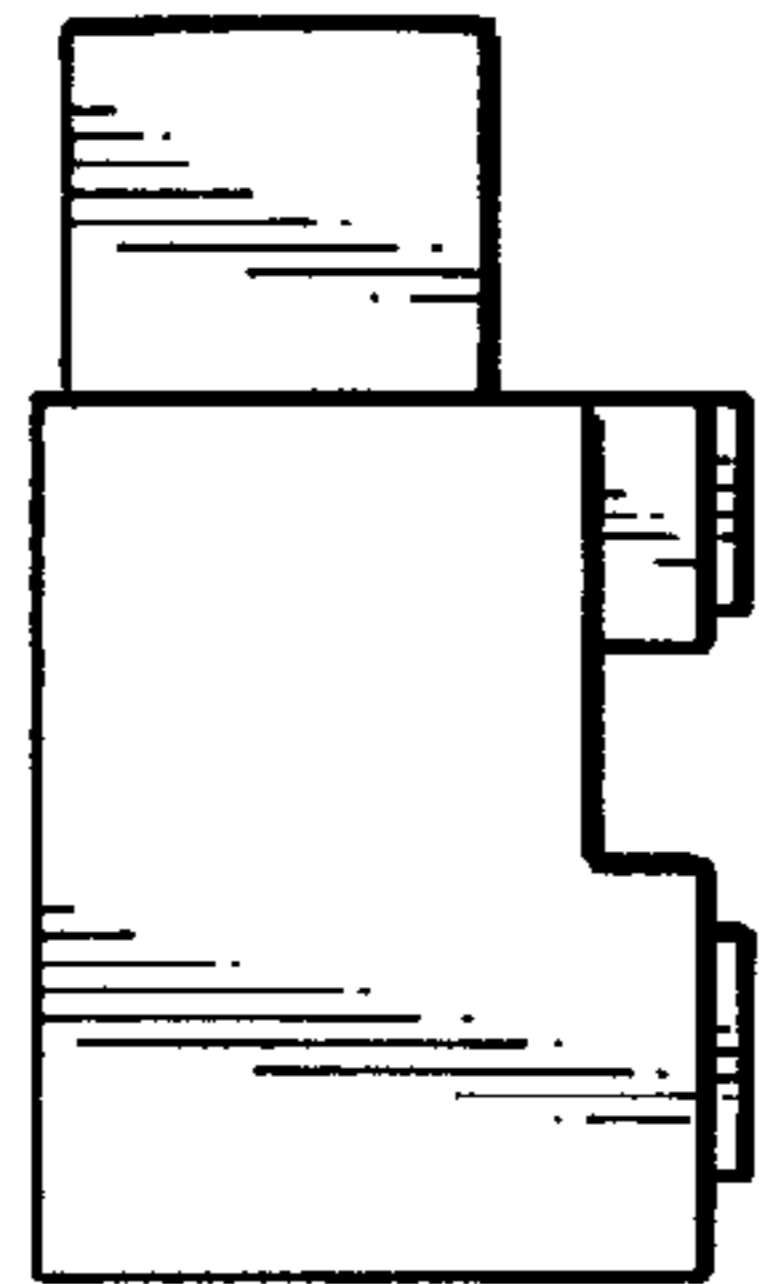


FIG. 4