

US00D351374S

United States Patent [19]

Shimizu et al.

[11] Patent Number: Des. 351,374

[45] Date of Patent: ** Oct. 11, 1994

[54]	PROGRAMMABLE ELECTRONIC CAM-OPERATED SWITCH	
[75]	Inventors:	Norio Shimizu; Teruo Matsuno, both of Tokyo, Japan
[73]	Assignee:	Koyo Electronics Industries Co., Ltd., Tokyo, Japan
[**]	Term:	14 Years
[21]	Appl. No.:	8,697
[22]	Filed:	May 25, 1993
[30]	Foreign Application Priority Data	
[52]	. 10, 1992 [JP] Japan	
[56]	References Cited	
U.S. PATENT DOCUMENTS		

FOREIGN PATENT DOCUMENTS

OTHER PUBLICATIONS

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tion. Located in examiner's office.

Idec programmable controller on p. 125 of Control Engineering. Locaed in PTO Scientific Library.

Primary Examiner—Wallace R. Burke Assistant Examiner—Joel Sincavage Attorney, Agent, or Firm—Sughrue, Mion, Zinn, Macpeak & Seas

[57] CLAIM

The ornamental design for a programmable electronic cam-operated switch, as shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a programmable electronic cam-operated switch showing our new design;

FIG. 2 is a front elevational view thereof;

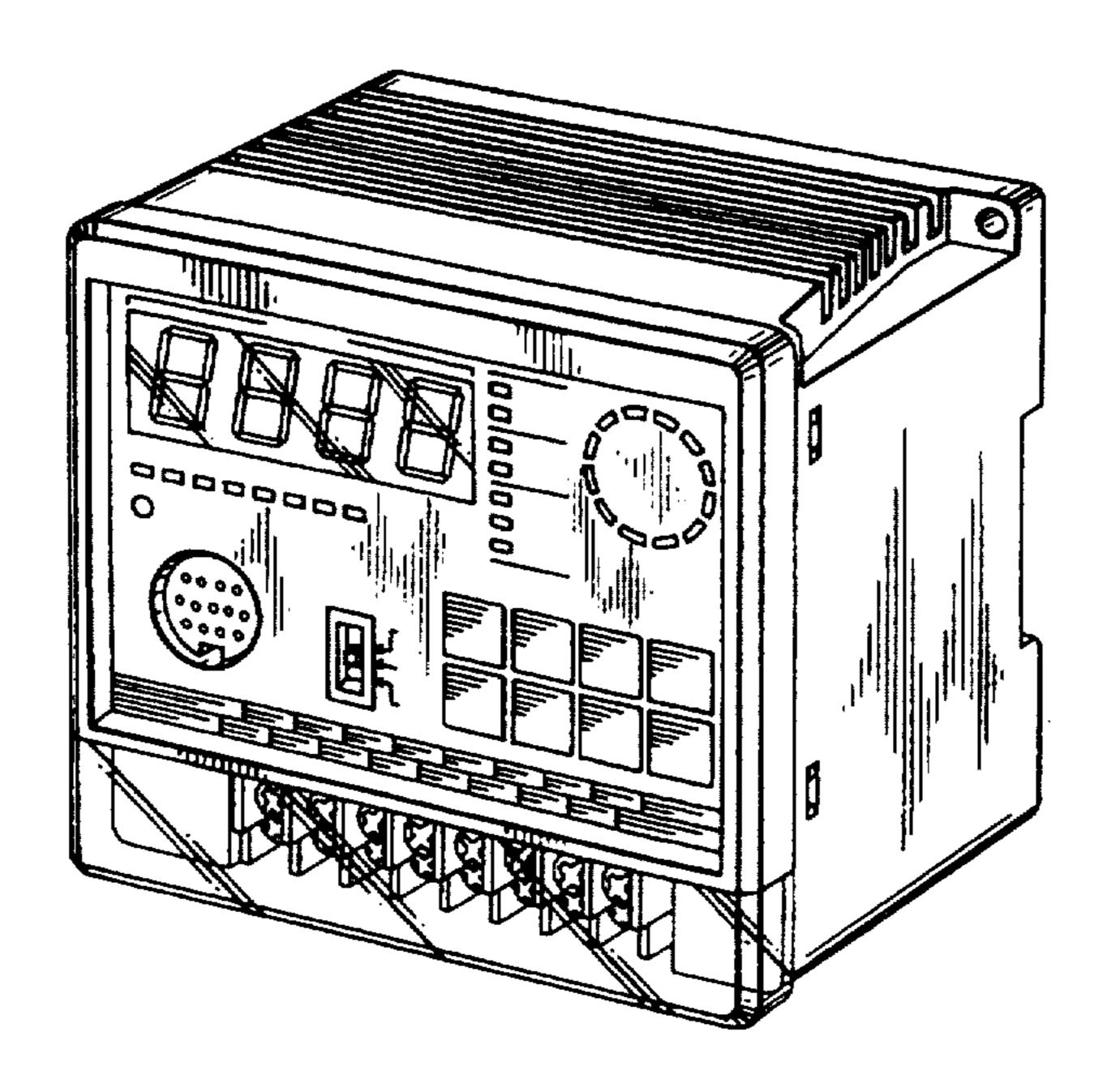
FIG. 3 is a top plan view thereof;

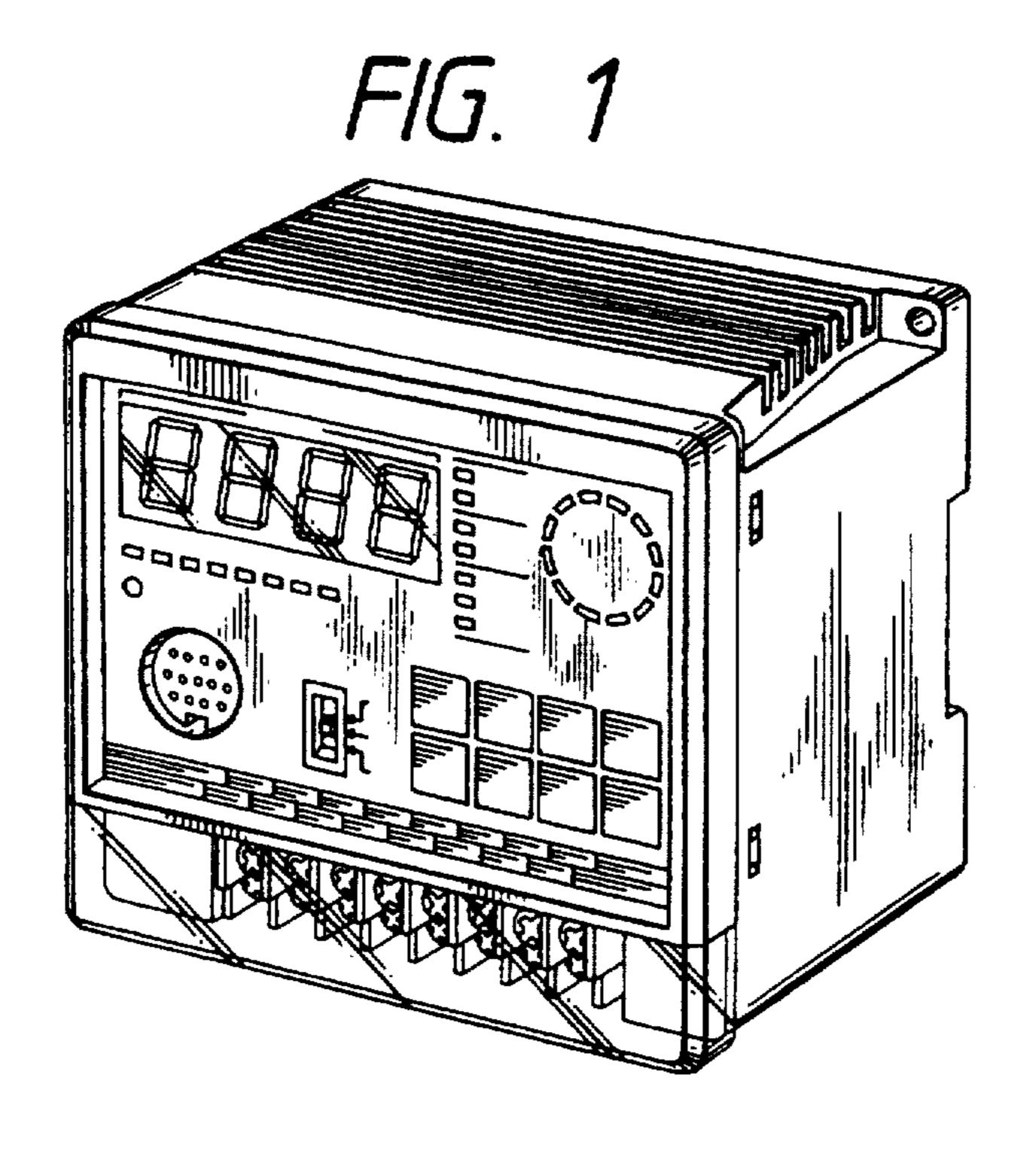
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a rear elevational view thereof with the broken line showing included for the purpose of illustrating environmental structure which forms no part of the claimed design; and,

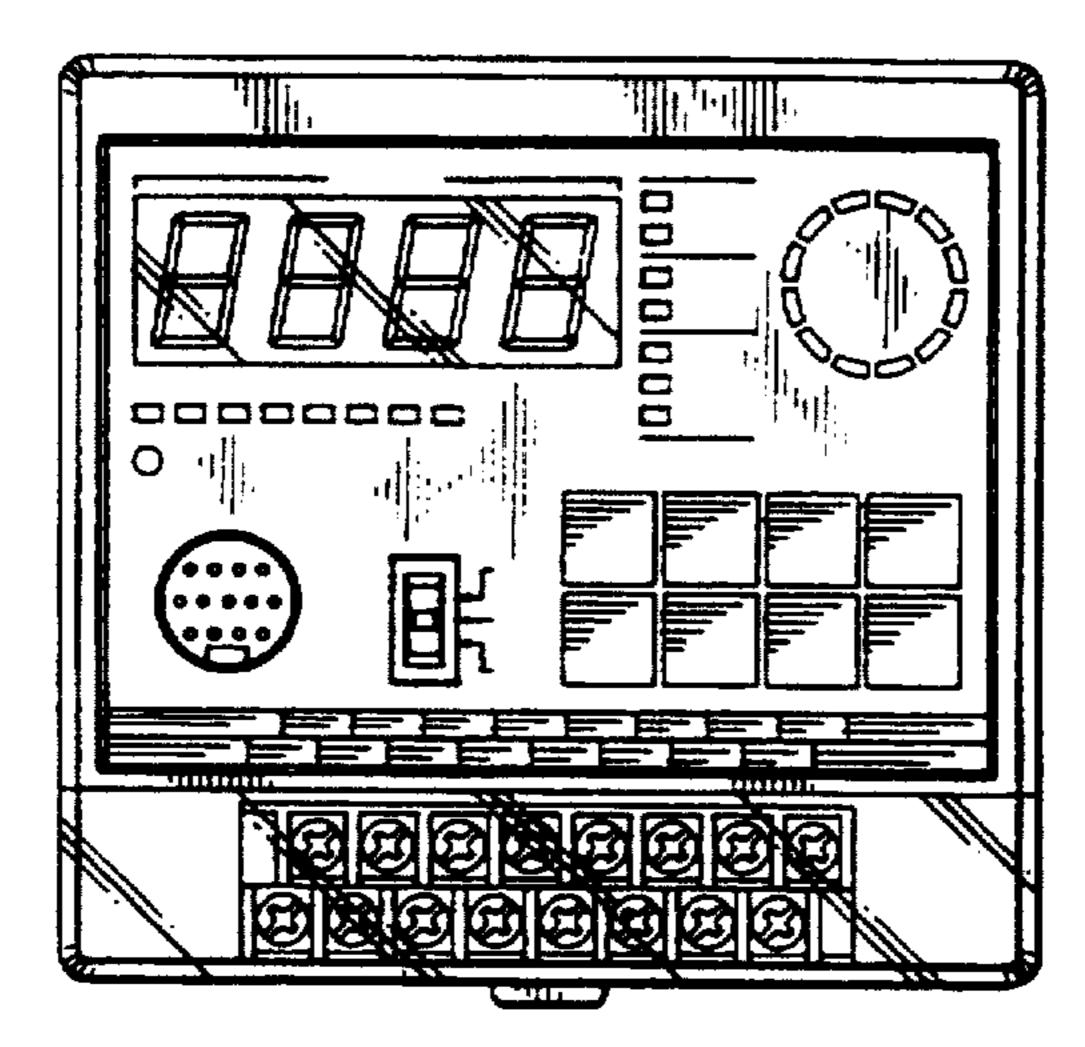
FIG. 7 is a bottom plan view thereof.



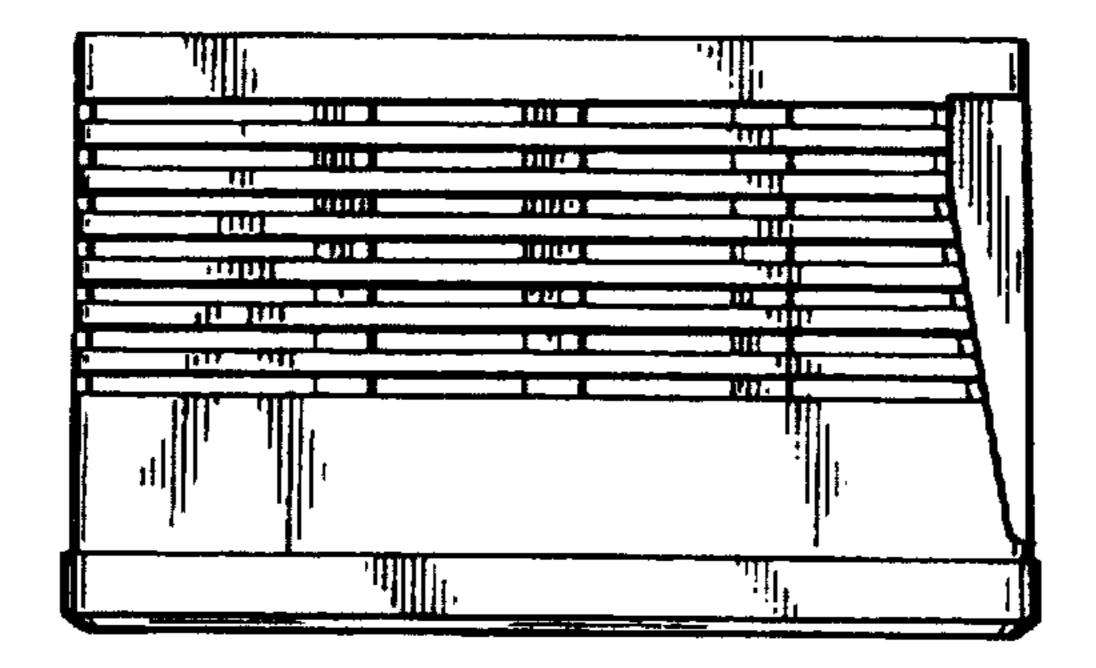


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F/G. 2

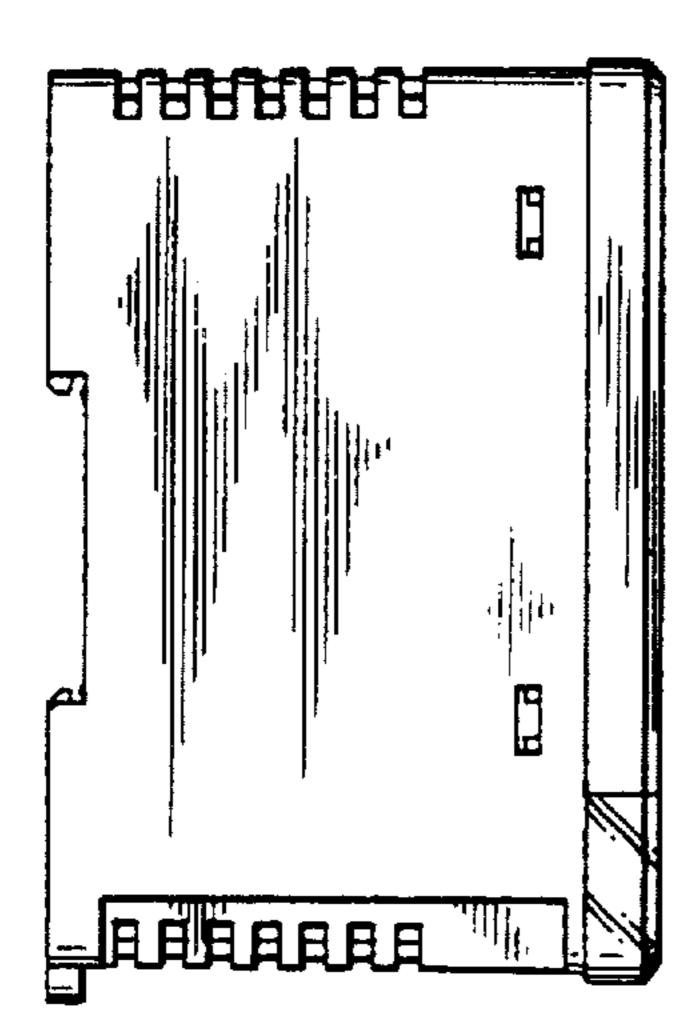


F/G. 3

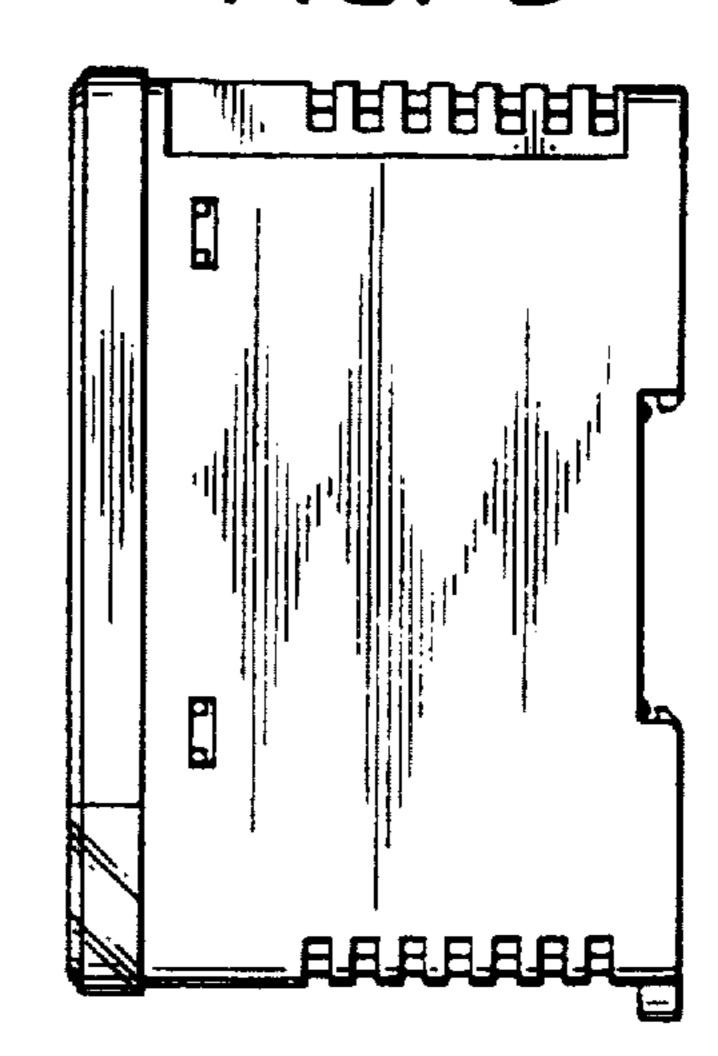


F/G. 4

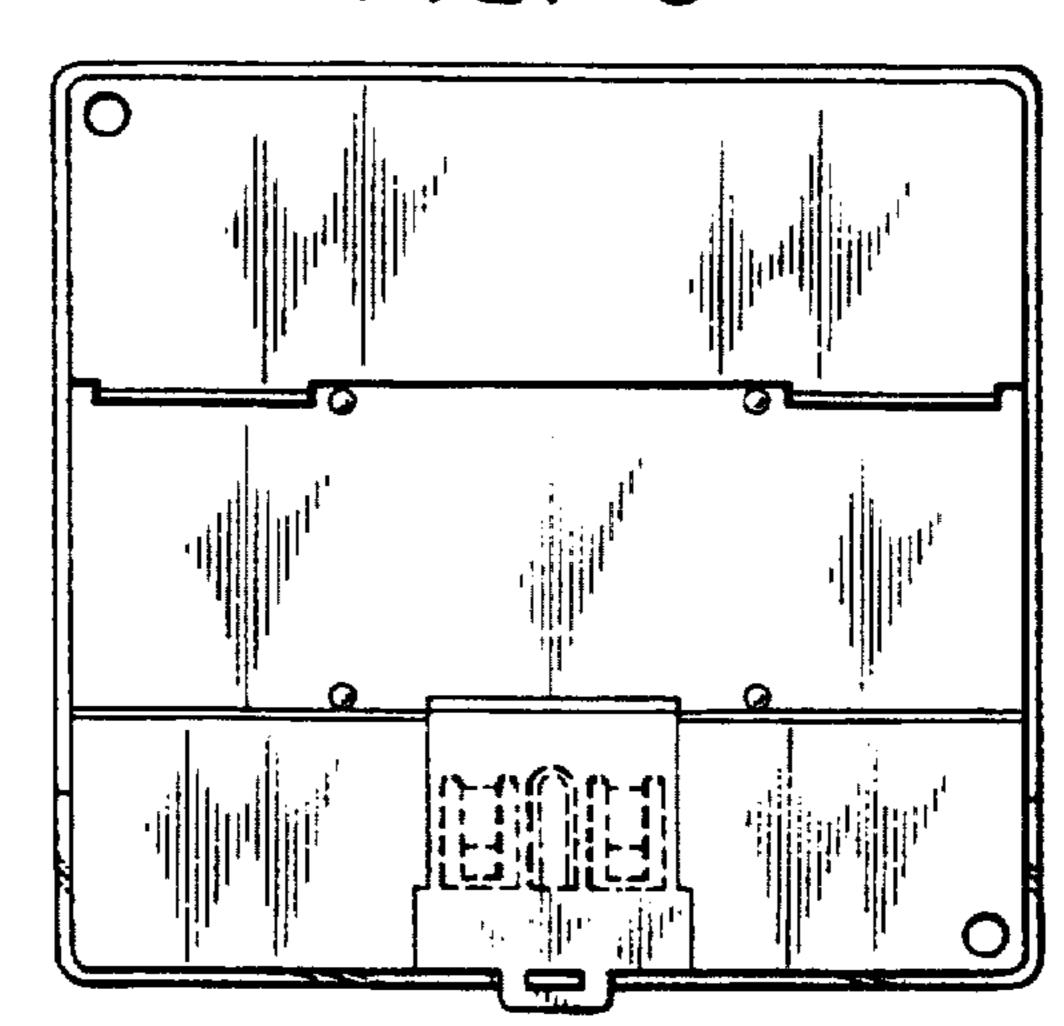
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F/G. 5



F/G. 6



F/G. 7

