



US00D598400S

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

(10) **Patent No.:** **US D598,400 S**

(45) **Date of Patent:** **** Aug. 18, 2009**

(54) **LIGHT EMITTING DIODE**

(75) Inventor: **Yoshitaka Bando**, Tokushima (JP)

(73) Assignee: **Nichia Corporation**, Anan-shi (JP)

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

(21) Appl. No.: **29/333,645**

(22) Filed: **Mar. 12, 2009**

Related U.S. Application Data

(62) Division of application No. 29/328,945, filed on Dec. 4, 2008, now Pat. No. Des. 592,617, which is a division of application No. 29/325,171, filed on Sep. 26, 2008, now Pat. No. Des. 584,699, which is a division of application No. 29/318,364, filed on May 19, 2008, now Pat. No. Des. 580,381, which is a division of application No. 29/259,849, filed on May 17, 2006, now Pat. No. Des. 573,113.

(30) **Foreign Application Priority Data**

Dec. 9, 2005	(JP)	.....	2005-036420
Dec. 9, 2005	(JP)	.....	2005-036424
Dec. 9, 2005	(JP)	.....	2005-036425
Dec. 9, 2005	(JP)	.....	2005-036426
Dec. 9, 2005	(JP)	.....	2005-036427
Dec. 9, 2005	(JP)	.....	2005-036428
Dec. 9, 2005	(JP)	.....	2005-036429
Dec. 9, 2005	(JP)	.....	2005-036430
Dec. 9, 2005	(JP)	.....	2005-036431

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/180**

(58) **Field of Classification Search** D13/180;
D26/2; 257/79, 80, 81, 88, 89, 95, 98, 99,
257/100; 313/483, 498, 500; 362/555, 800
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,376,902 B1 4/2002 Arndt

(Continued)

Primary Examiner—Selina Sikder

(74) *Attorney, Agent, or Firm*—Global IP Counselors, LLP

(57) **CLAIM**

The ornamental design for a light emitting diode, as shown and described.

DESCRIPTION

FIG. 1 is a front side perspective view of a light emitting diode in accordance with an embodiment of my new design;

FIG. 2 is a rear side perspective view of the light emitting diode in accordance with the embodiment of my new design;

FIG. 3 is a front elevational view of the light emitting diode in accordance with the embodiment of my new design;

FIG. 4 is a rear elevational view of the light emitting diode in accordance with the embodiment of my new design;

FIG. 5 is a top plan view of the light emitting diode in accordance with the embodiment of my new design;

FIG. 6 is a bottom plan view of the light emitting diode in accordance with the embodiment of my new design;

FIG. 7 is a left side end elevational view of the light emitting diode in accordance with the embodiment of my new design;

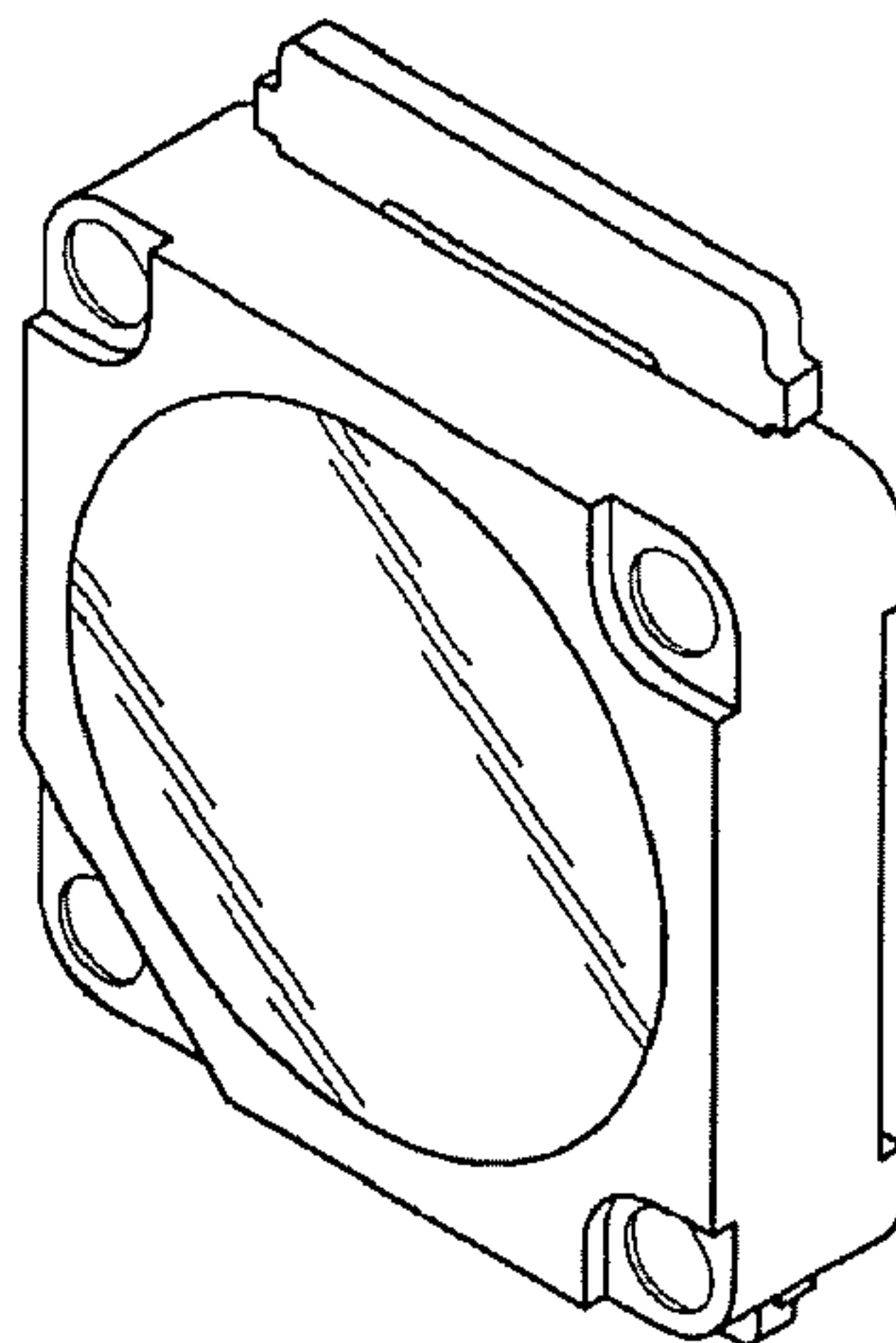
FIG. 8 is a right side end elevational view of the light emitting diode in accordance with the embodiment of my new design; and,

FIG. 9 is a front elevational view of the light emitting diode in accordance with the embodiment of my new design with environment shown in broken lines.

The broken line showing of environment (the remaining structure of the light emitting diode) in FIG. 9 is for illustrative purposes only and forms no part of the claimed design.

The opaque line shading illustrates a translucent portion of the light emitting diode through which the environment shown in the broken lines may be visible as illustrated in FIG. 9.

1 Claim, 5 Drawing Sheets



U.S. PATENT DOCUMENTS						
D471,166	S	3/2003	Oshio et al.	D573,113	S	7/2008 Bando
6,586,721	B2	7/2003	Estevez-Garcia	D573,114	S	7/2008 Bando
D486,801	S	2/2004	Suenaga	D580,381	S	11/2008 Bando
D491,899	S	6/2004	Yagi	D592,617	S *	5/2009 Bando D13/180
D505,398	S	5/2005	Nakashima	2004/0041222	A1	3/2004 Loh
D512,029	S	11/2005	Kim et al.	2004/0126913	A1	7/2004 Loh
D551,180	S	9/2007	Song et al.	2005/0127816	A1	6/2005 Sumitani
				* cited by examiner		

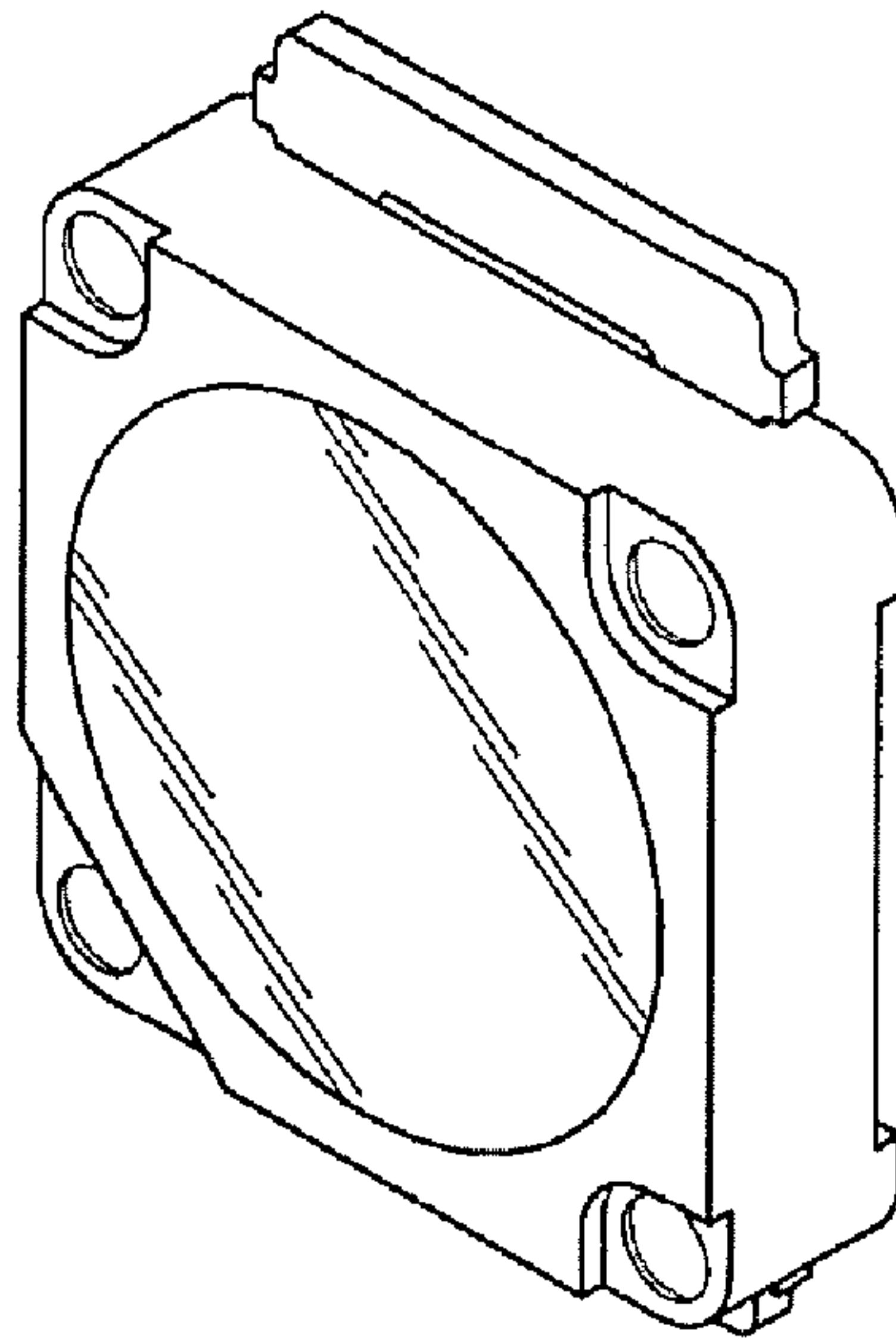


FIG. 1

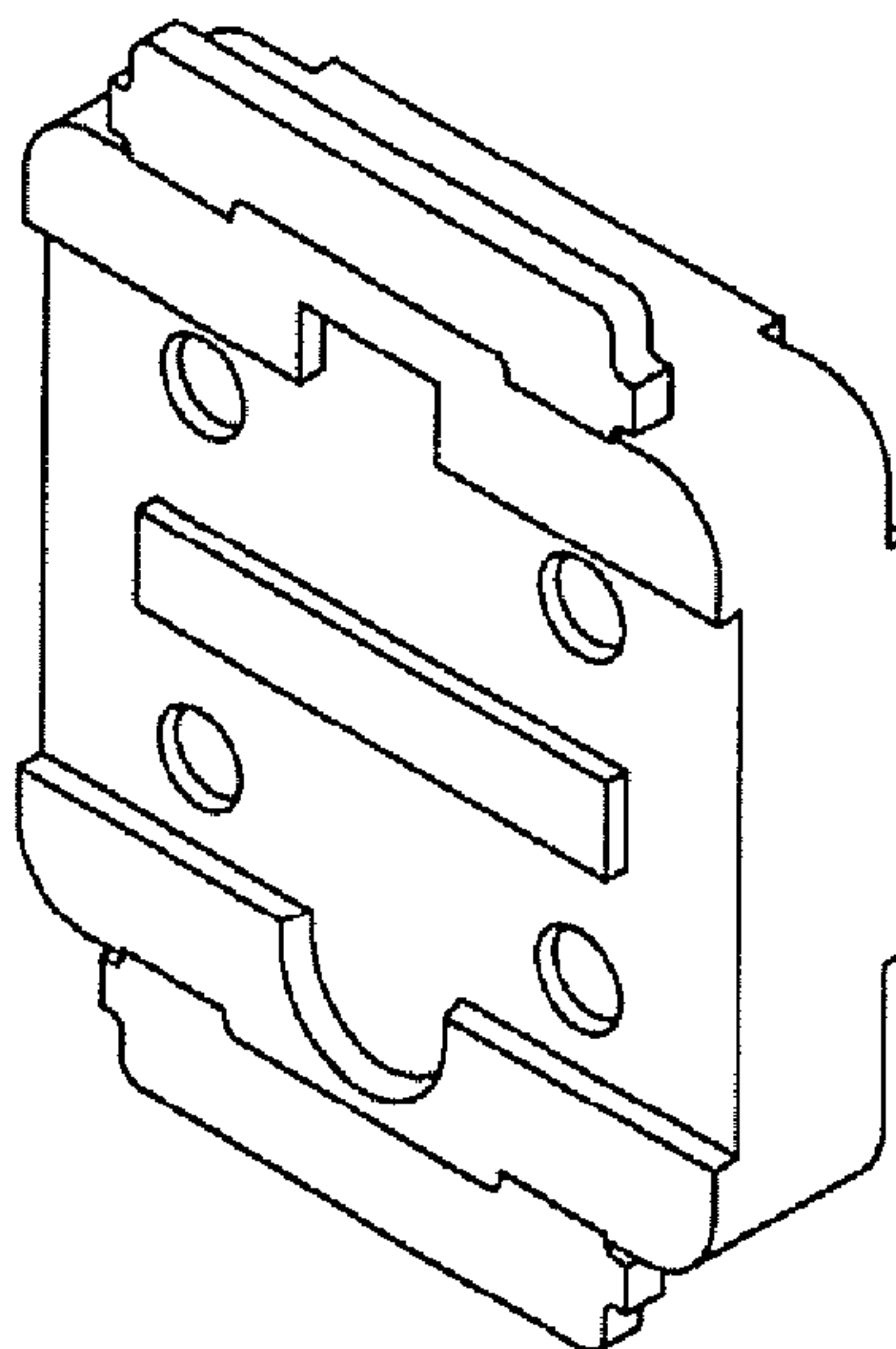


FIG. 2

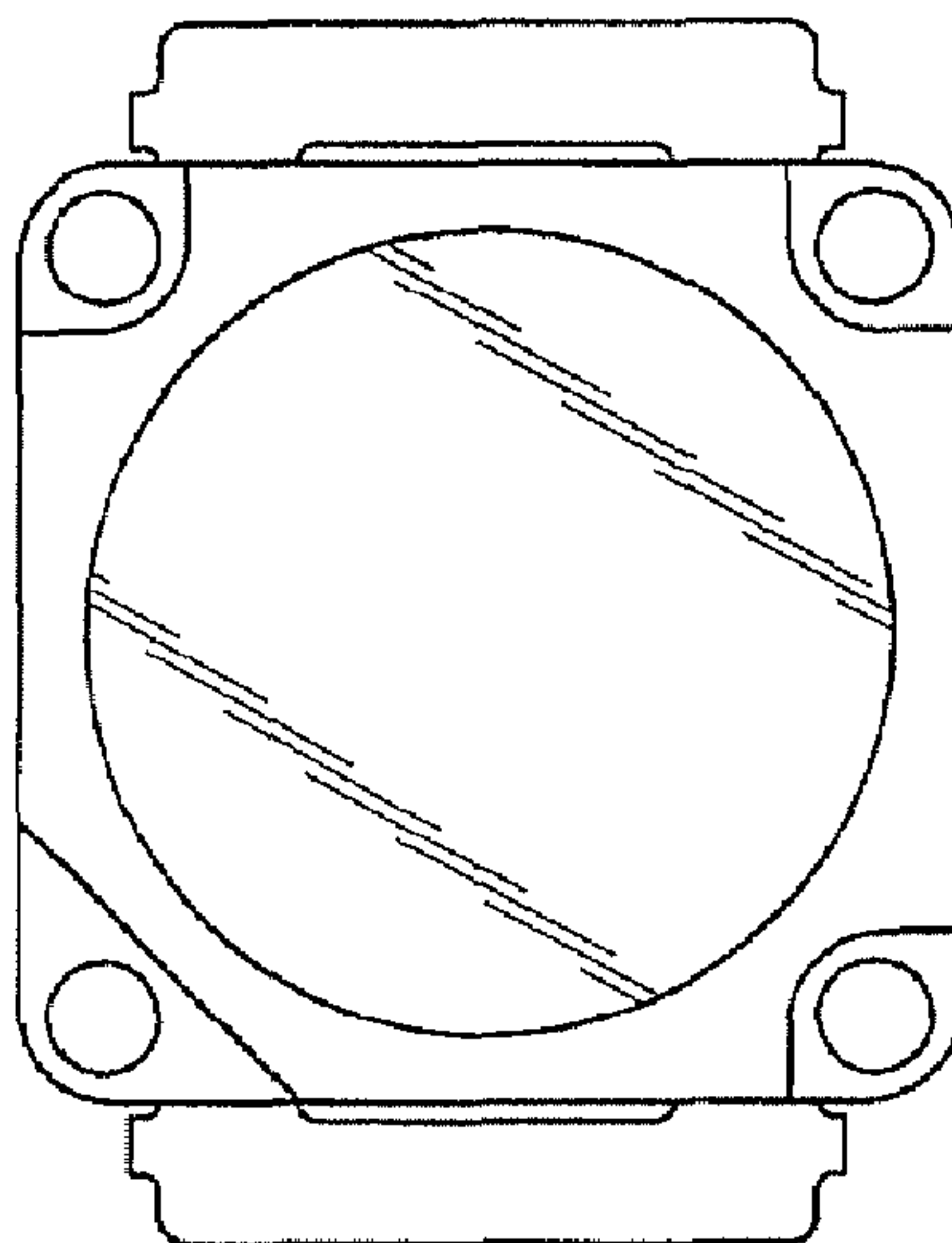


FIG. 3

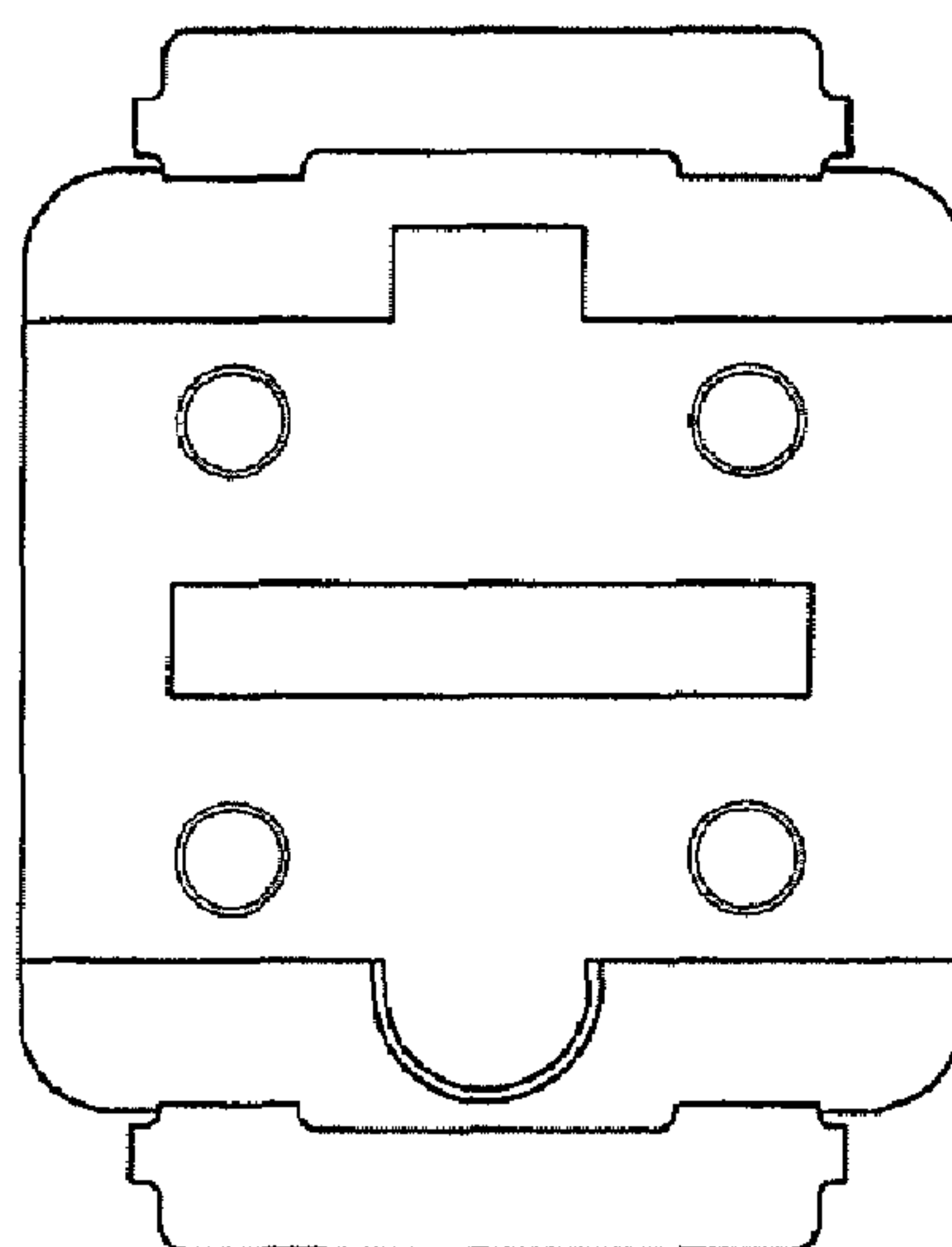


FIG. 4

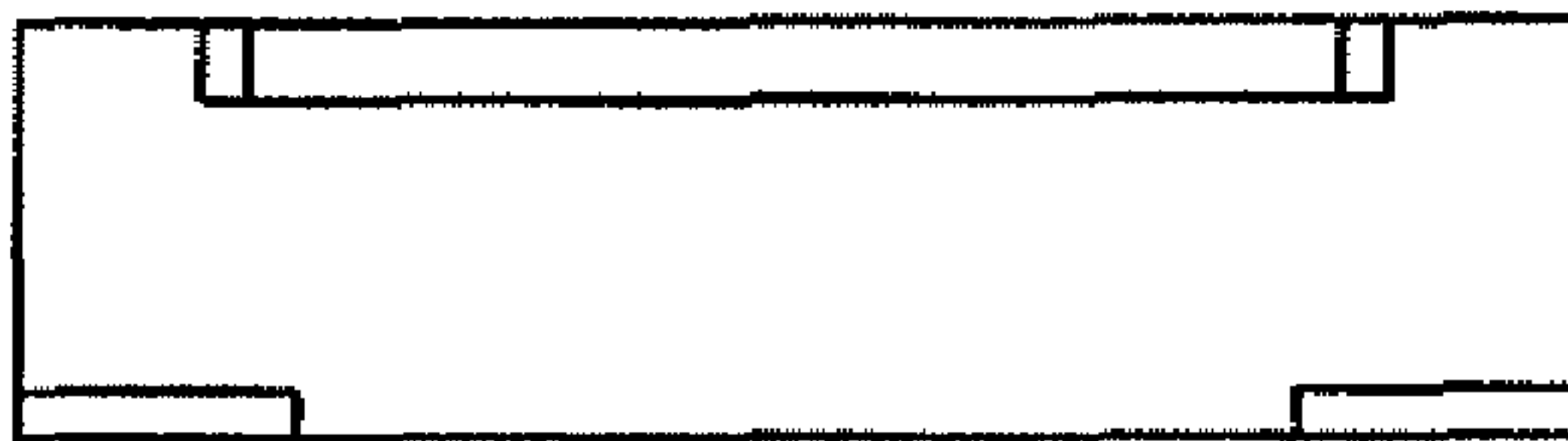


FIG. 5

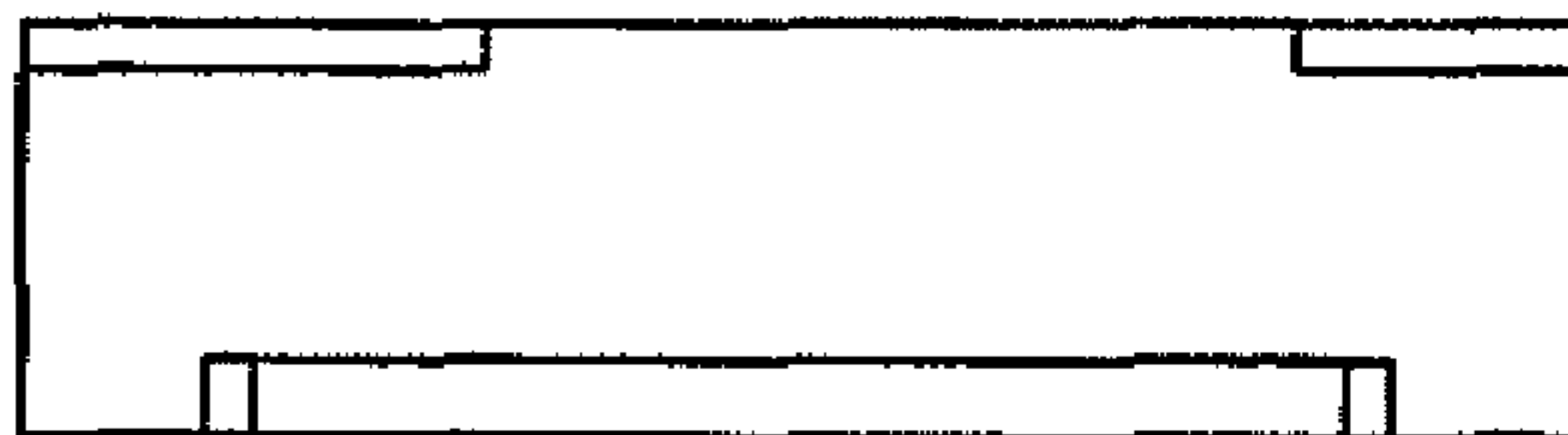


FIG. 6

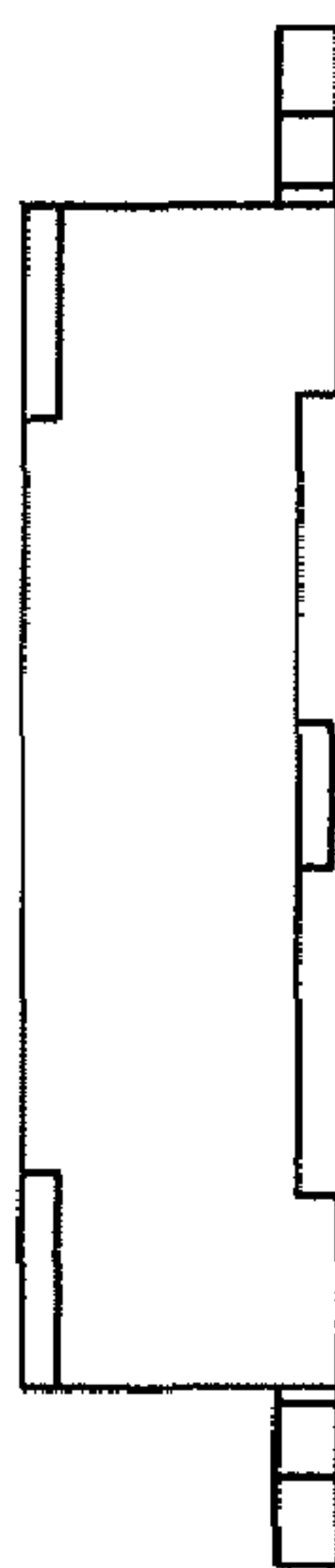


FIG. 7

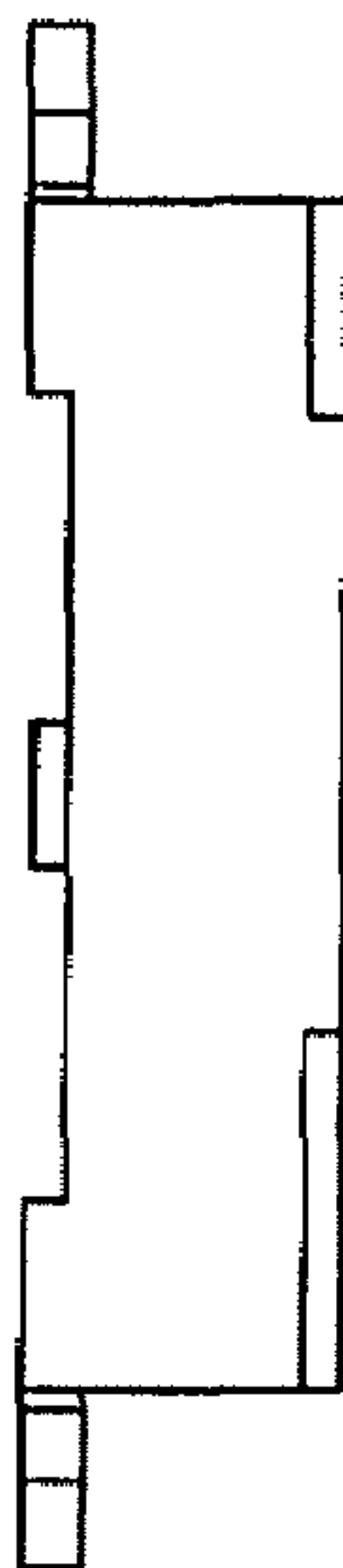


FIG. 8

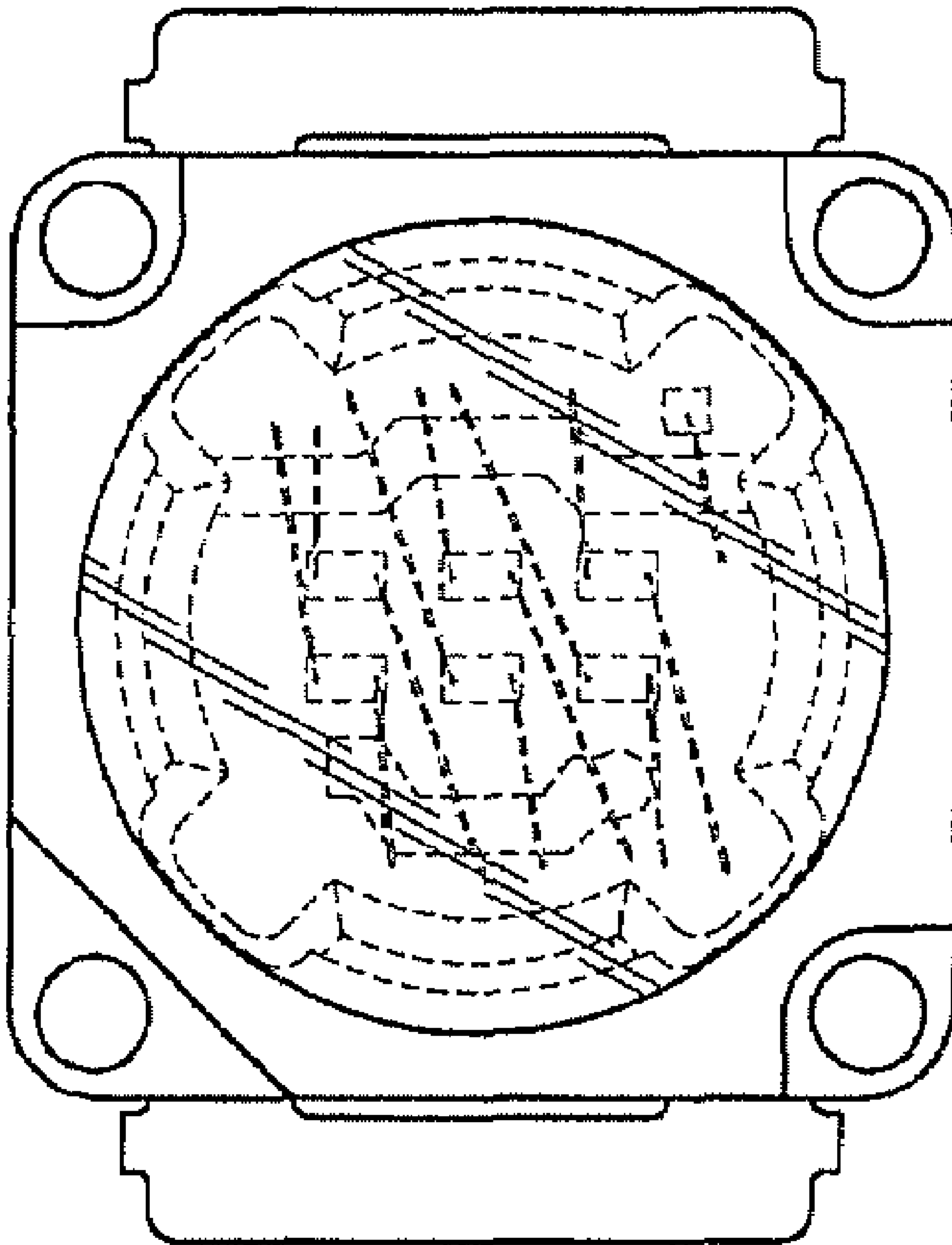


FIG. 9