

US00D527408S

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

(10) **Patent No.:** **US D527,408 S**

(45) **Date of Patent:** **** Aug. 29, 2006**

(54) **LIQUID CRYSTAL VIDEO PROJECTOR**

(75) Inventor: **Sadayoshi Azuma**, Kyoto (JP)

(73) Assignee: **Matsushita Electric Industrial Co., Ltd.**, Osaka (JP)

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

(21) Appl. No.: **29/228,582**

(22) Filed: **Apr. 25, 2005**

(30) **Foreign Application Priority Data**

Feb. 2, 2005 (JP) 2005-002717

(51) **LOC (8) Cl.** **16-02**

(52) **U.S. Cl.** **D16/230; D16/225**

(58) **Field of Classification Search** D16/205,
D16/208, 213, 221, 225, 230, 231, 234; D21/514;
353/115, 119, 122
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D401,955 S	12/1998	Kawamoto et al.
D402,679 S	12/1998	Kawamoto et al.
5,868,485 A	2/1999	Fujimori et al.
D418,532 S	1/2000	Kuramoto et al.
D421,037 S	2/2000	Kawamoto et al.
D422,003 S	3/2000	Takizawa et al.
D422,292 S	4/2000	Takizawa et al.

(Continued)

FOREIGN PATENT DOCUMENTS

JP	D1072981	6/2000
JP	1079544	7/2000
JP	D1092912	12/2000
JP	D1096556	1/2001
JP	D1096557	1/2001
JP	D1102869	3/2001
JP	D1145604	7/2002
JP	D1145719	7/2002
JP	D1145720	7/2002
JP	D1149974	8/2002

JP	D1173342	5/2003
JP	D1173344	5/2003
JP	D1173345	5/2003
JP	D1177377	6/2003
JP	D1186723	10/2003
JP	D1186724	10/2003
JP	D1186725	10/2003
JP	D1202246	4/2004
JP	D1202247	4/2004
JP	D1202251	4/2004
JP	D1202253	4/2004
JP	1202430	4/2004
JP	1202431	4/2004
JP	D1203779	4/2004
JP	D1220993	10/2004
JP	D1221002	10/2004
JP	D1221302	10/2004

OTHER PUBLICATIONS

Web pages "Multimedia Projector," Mitsubishi Electric, Sep. 2000 (LVP-SA51).
Catalog published by Panasonic, Mar. 2003.
Catalog of Video Projector published by Plus Vision Corp., 2002.

(Continued)

Primary Examiner—Adir Aronovich
(74) *Attorney, Agent, or Firm*—Brinks Hofer Gilson & Lione

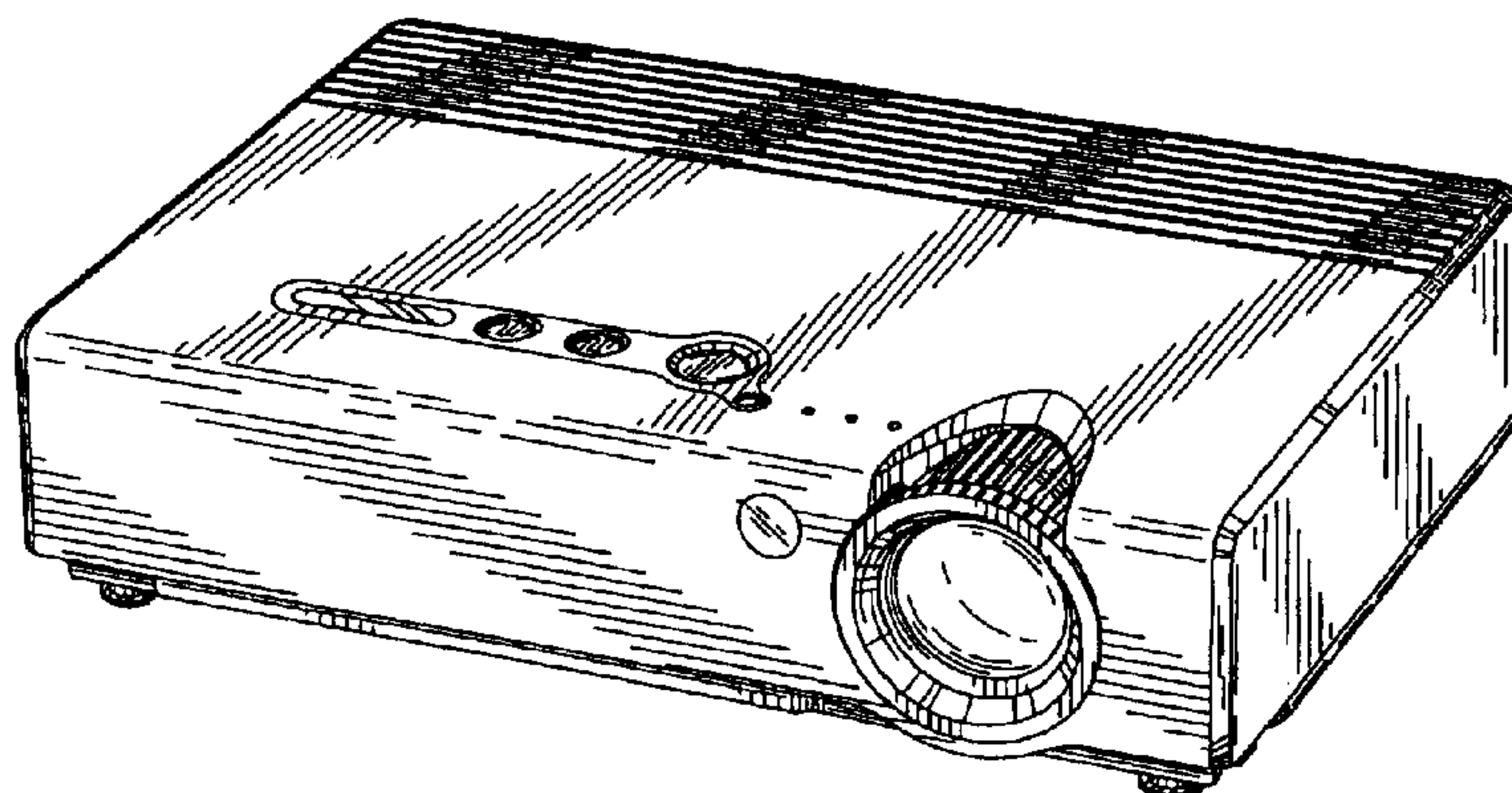
(57) **CLAIM**

I claim the ornamental design for a liquid crystal video projector, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a liquid crystal video projector of the present invention; FIG. 2 is a front view thereof; FIG. 3 is a rear view thereof; FIG. 4 is a first side view thereof; FIG. 5 is a second side view thereof; FIG. 6 is a top view thereof; and, FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



U.S. PATENT DOCUMENTS

D425,097 S 5/2000 Kuramoto et al.
 D425,539 S 5/2000 Fujii et al.
 D436,979 S 1/2001 Yokoyama et al.
 D439,594 S 3/2001 Komatsu et al.
 D439,923 S 4/2001 Kawamoto et al.
 D442,983 S 5/2001 Goto et al.
 D443,631 S 6/2001 Goto et al.
 D443,884 S 6/2001 Goto et al.
 D449,060 S 10/2001 Saeki et al.
 D449,061 S 10/2001 Lim et al.
 D449,331 S 10/2001 Kawahara et al.
 D450,076 S 11/2001 Fujimaki
 D451,941 S 12/2001 Takizawa et al.
 6,334,686 B1 1/2002 Shiraishi et al.
 D454,360 S 3/2002 Shimizu et al.
 D454,903 S 3/2002 Kawamoto et al.
 D463,476 S 9/2002 Takizawa
 6,505,941 B1 1/2003 Nakano et al.
 D470,525 S * 2/2003 Nakayama et al. D16/231
 D472,570 S 4/2003 Takahashi et al.
 D474,799 S * 5/2003 Kawasaki et al. D16/230
 6,568,813 B1 5/2003 Haba et al.
 D475,389 S 6/2003 Kurokawa et al.
 D476,353 S 6/2003 Morishita et al.
 D477,833 S 7/2003 Kurokawa et al.
 6,592,226 B1 7/2003 Fujimori et al.
 D479,261 S 9/2003 Kawasaki et al.

6,616,282 B1 * 9/2003 Ozawa 353/119
 D480,410 S 10/2003 Morishita et al.
 D482,381 S 11/2003 Morishita et al.
 D482,716 S 11/2003 Azuma et al.
 D489,391 S 5/2004 Morishita et al.
 D491,973 S * 6/2004 Morishita et al. D16/230
 D492,338 S 6/2004 Ooshima et al.
 D492,714 S 7/2004 Morishita et al.
 D497,929 S 11/2004 Ohki et al.
 D498,781 S 11/2004 Azuma et al.
 D504,453 S * 4/2005 Junsu et al. D16/231
 D506,218 S * 6/2005 Pininfarina D16/230

OTHER PUBLICATIONS

Catalog of Video Projector published by Sanyo, Apr. 2002.
 Panasonic PT-LC80U LCD projector sales brochure.
 Panasonic PT-LM1U LCD projector sales brochure.
 Catalog for Projector, issued by SANYO Electric Co., Ltd.,
 Oct. 2003.
 Catalog of DLP Projector issued by Seiko Epson Corp., Mar.
 2003.
 Catalog of DLP Projector issued by SANYO Electric Co.,
 Ltd., Oct. 2003.
 Catalog of DLP Projector issued by CASIO Computer Co.,
 Ltd., Mar. 2004.

* cited by examiner

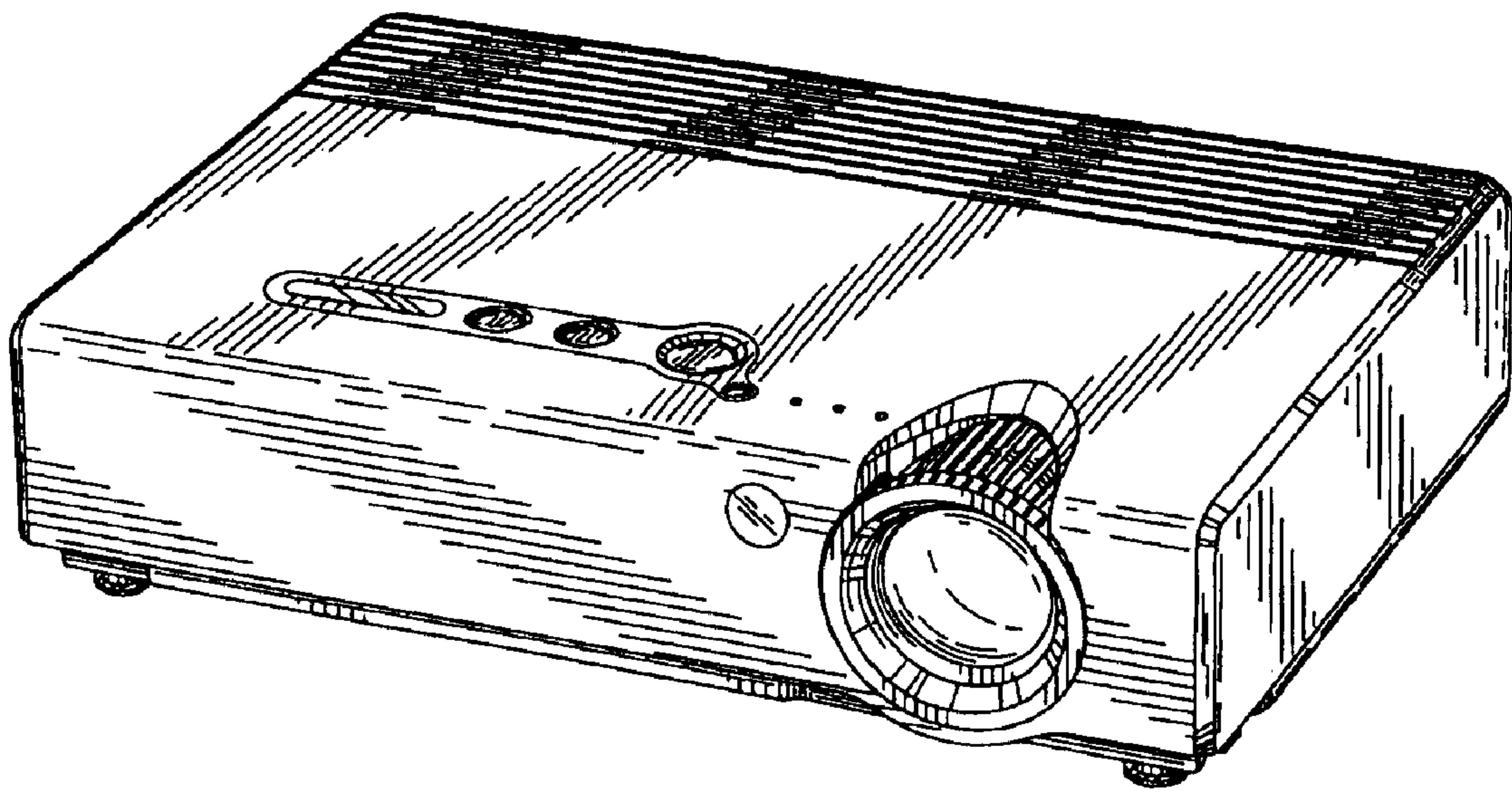


FIG. 1

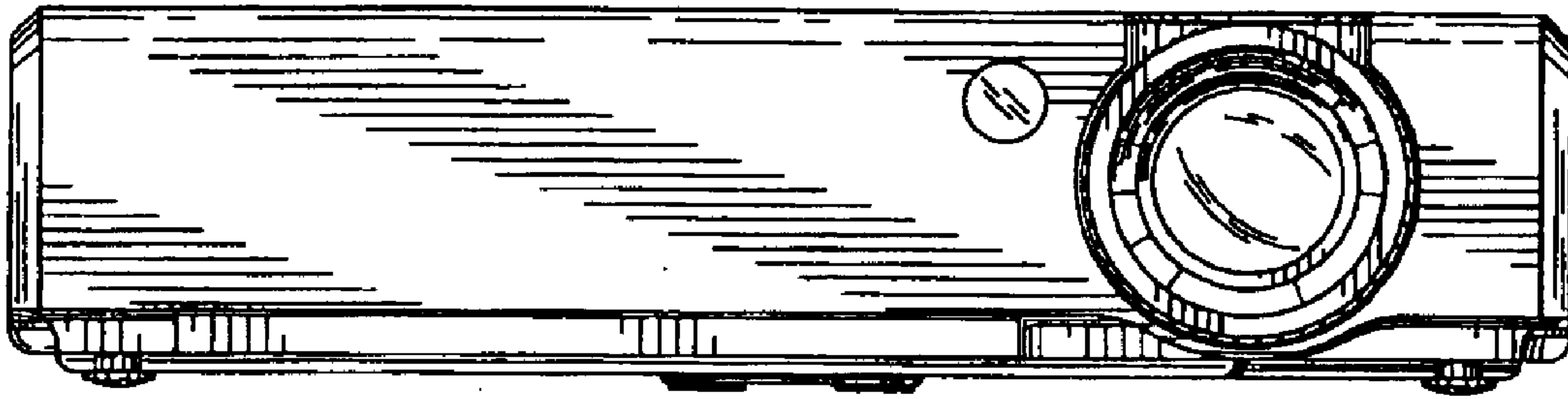


FIG. 2

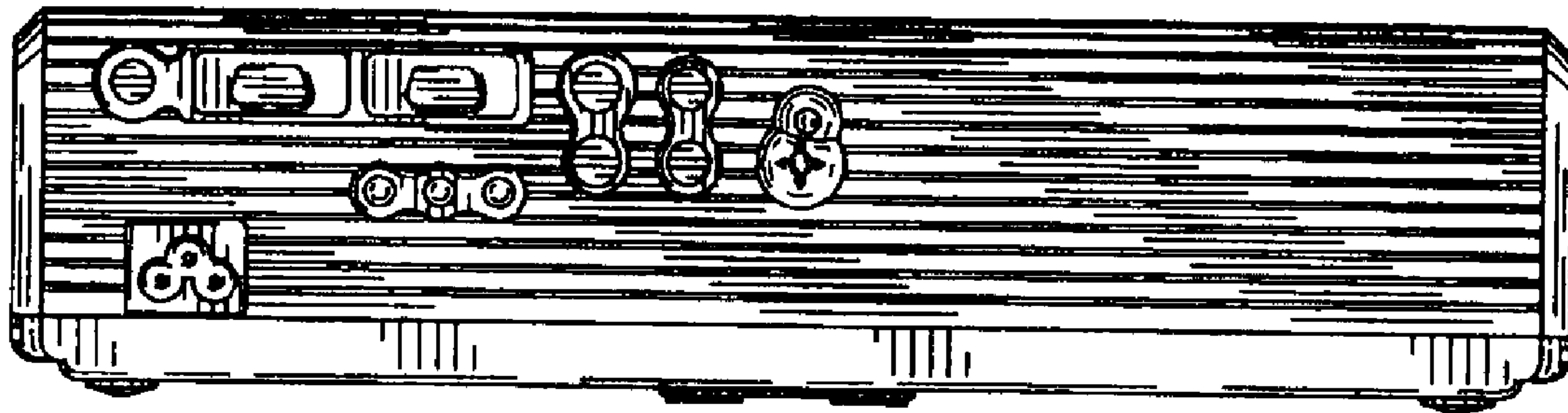


FIG. 3

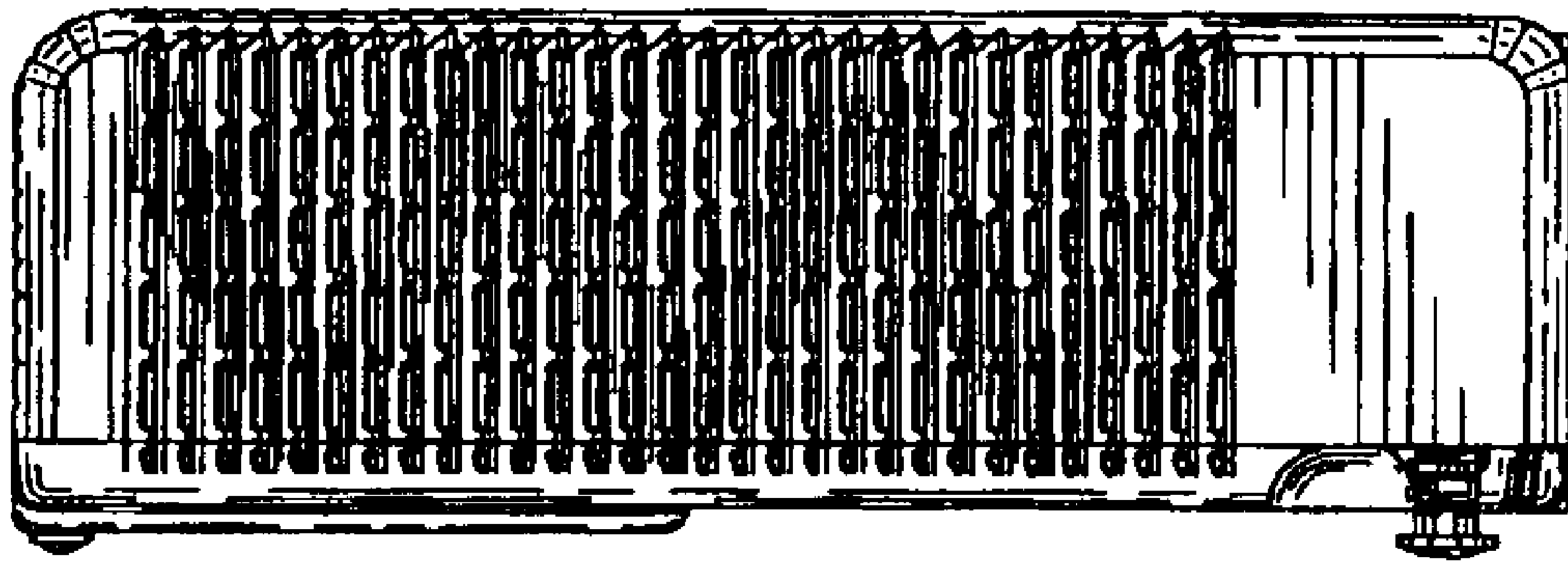


FIG. 4

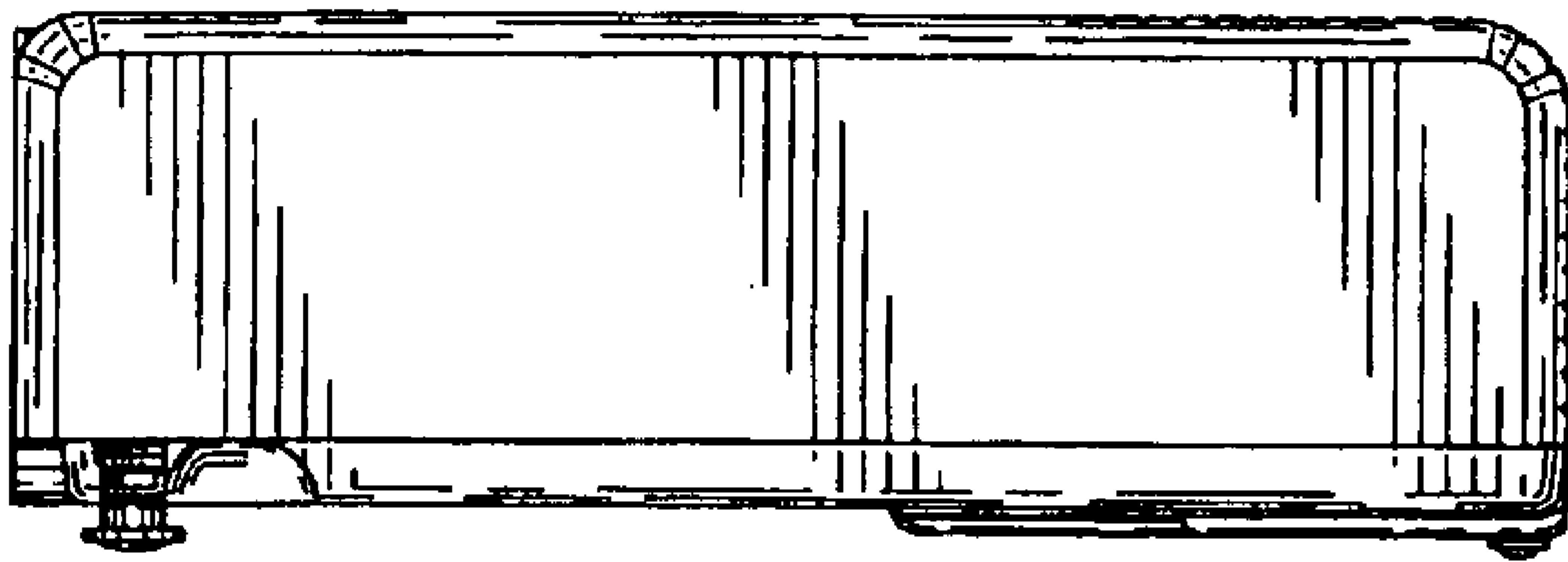


FIG. 5

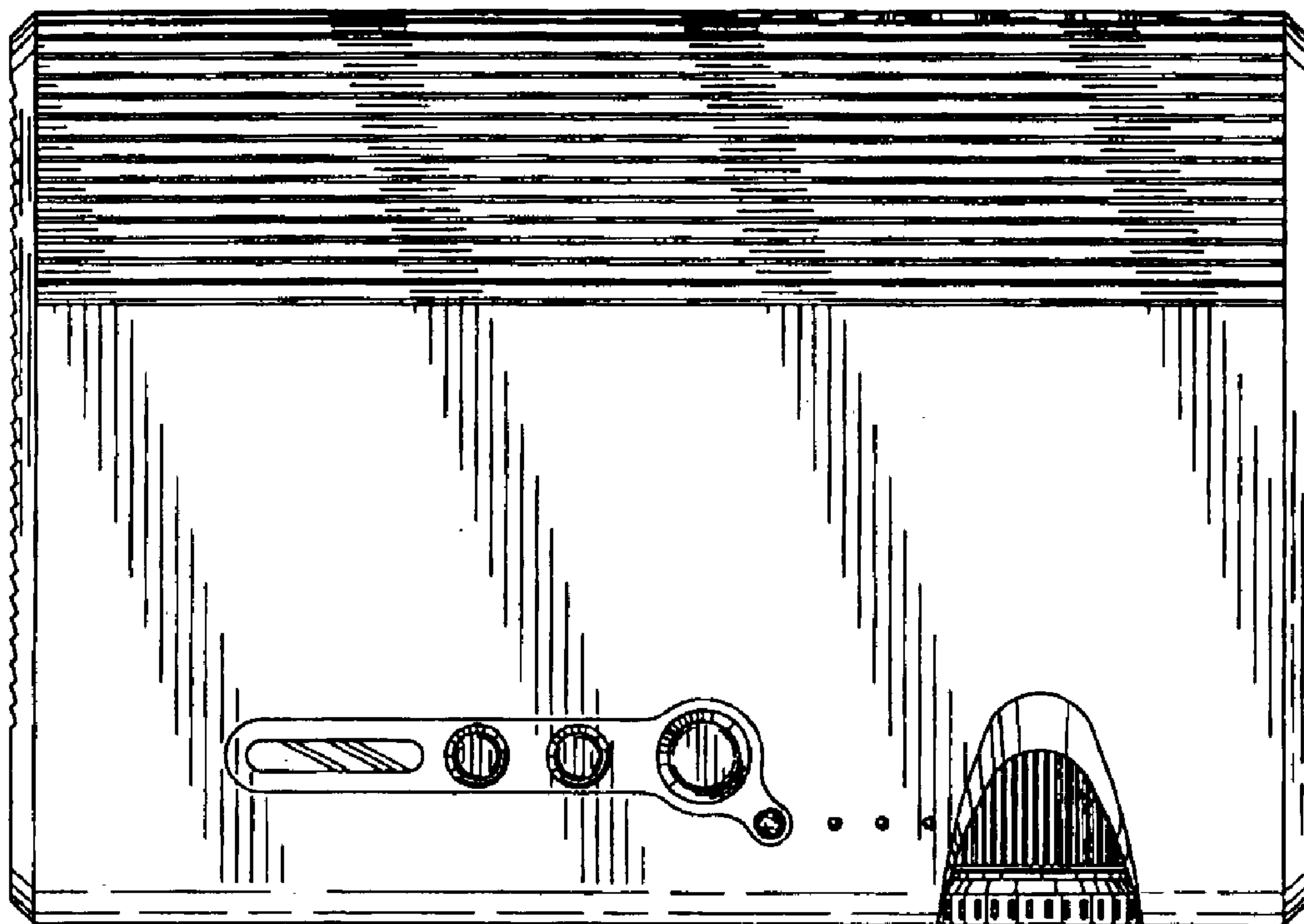


FIG. 6

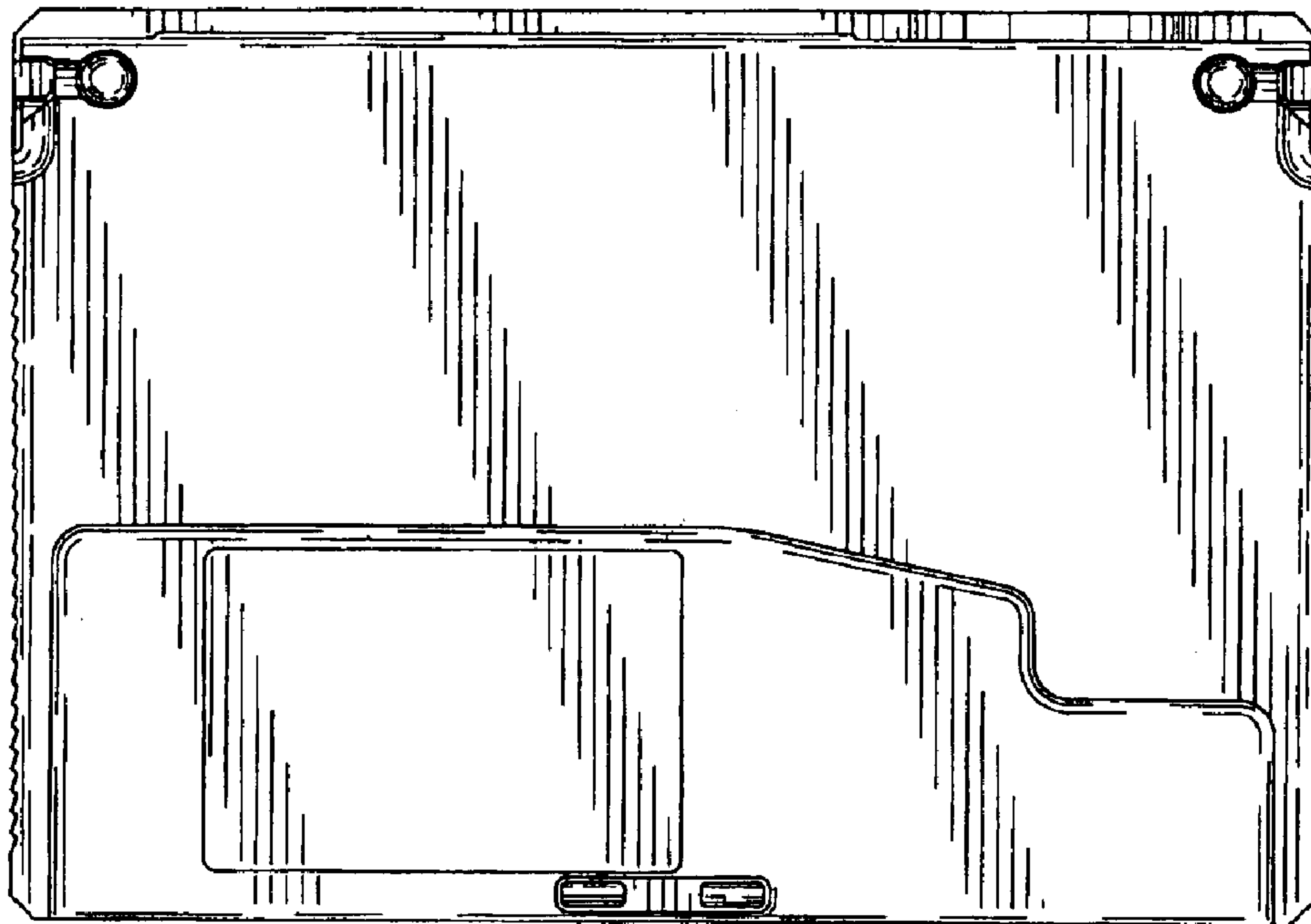


FIG. 7