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(12) **United States Design Patent**
Wang et al.

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- (54) **VOIP ACCESS GATEWAY**
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- (51) **LOC (7) Cl.** **14-03**
- (52) **U.S. Cl.** **D14/240; D14/242**
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125, 432, 433, 155, 299, 257, 439, 140,
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419, 434, 428.01-428.04, 420.01-420.04,
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123, 152, 147, 110

(56) **References Cited**

U.S. PATENT DOCUMENTS

D277,100 S	*	1/1985	Matsuda et al.	D14/257
D284,280 S	*	6/1986	Mack, Jr. et al.	.....	D14/496
D289,648 S	*	5/1987	Felix et al.	.....	D14/242
D295,178 S	*	4/1988	Pedinielli et al.	.....	D14/242
D302,268 S	*	7/1989	Larson et al.	.....	D14/242
D304,823 S	*	11/1989	Pfeifer et al.	.....	D14/242
D308,864 S	*	6/1990	Takai	.....	D14/242
D312,620 S	*	12/1990	Koepke et al.	.....	D14/354
D321,343 S	*	11/1991	Feer et al.	.....	D14/242
D322,963 S	*	1/1992	Kittirutsunetorn	.....	D14/242
D325,194 S	*	4/1992	Kline et al.	.....	D14/354

D345,970 S	*	4/1994	Kawamoto	.....	D14/125
D346,606 S	*	5/1994	Harris et al.	.....	D14/242
D357,903 S	*	5/1995	Lin	.....	D14/353
D381,637 S	*	7/1997	Haider et al.	.....	D13/184
D383,139 S	*	9/1997	Hill et al.	.....	D14/242
D384,649 S	*	10/1997	Heberling et al.	.....	D14/352
D389,088 S	*	1/1998	Murphy	.....	D14/351
D390,217 S	*	2/1998	Prstojevich et al.	.....	D14/125
D399,840 S	*	10/1998	Curbbun et al.	.....	D14/358
5,844,893 A	*	12/1998	Gollnick et al.	.....	370/329
D404,017 S	*	1/1999	Grimm et al.	.....	D13/184
D404,736 S	*	1/1999	Alvarez et al.	.....	D14/229
D407,393 S	*	3/1999	Kazama	.....	D14/125
D416,562 S	*	11/1999	Larson et al.	.....	D14/242
D417,871 S	*	12/1999	Hisatsune	.....	D14/188
D418,830 S	*	1/2000	Yasutomi et al.	.....	D14/125
D420,676 S	*	2/2000	Wang et al.	.....	D14/242
D441,375 S	*	5/2001	Hisatsune et al.	D14/496
D452,241 S	*	12/2001	Kitajima et al.	D14/358

* cited by examiner

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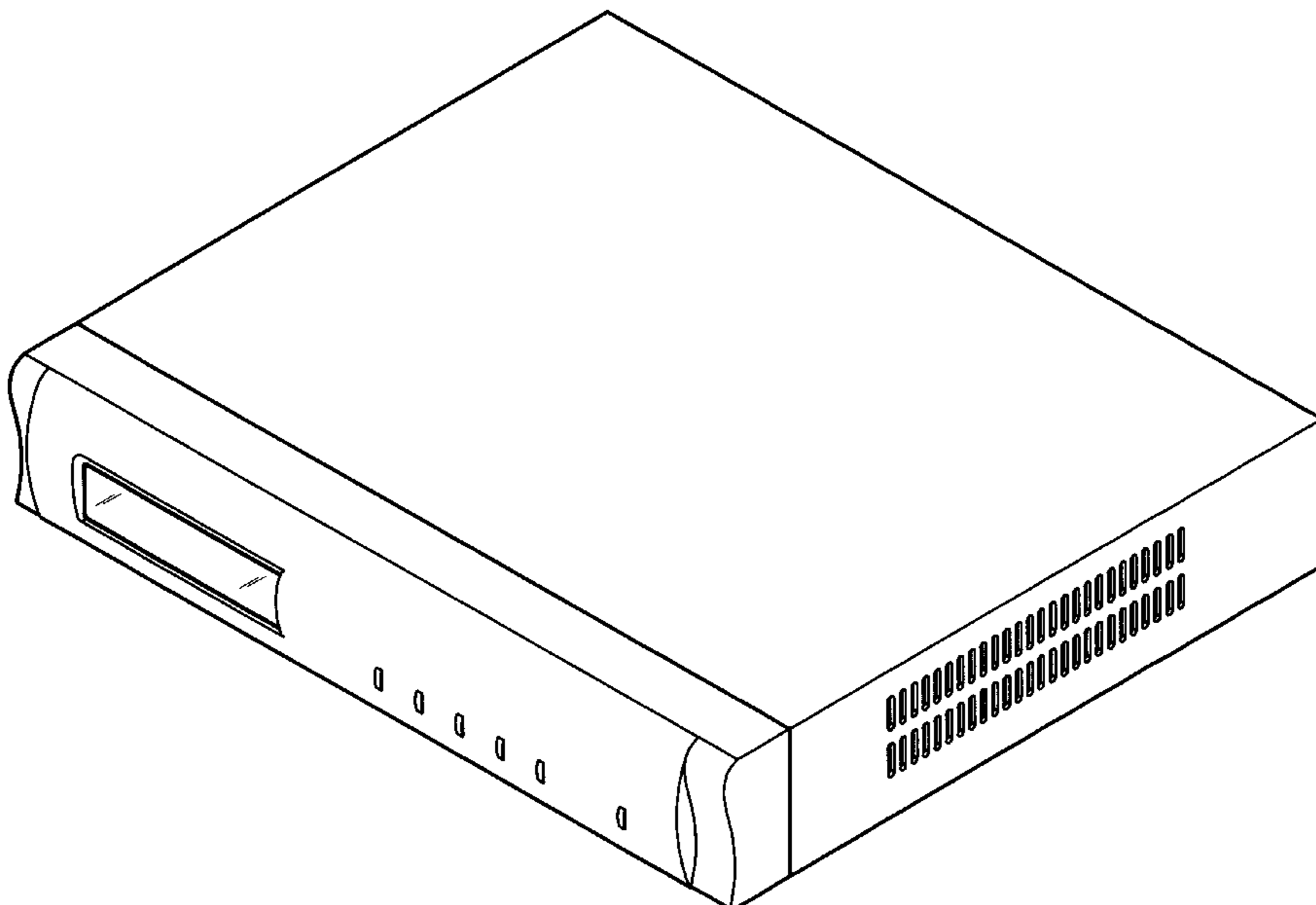
(57) **CLAIM**

The ornamental design for a VOIP access gateway, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view thereof;
FIG. 2 is a right side elevational view thereof;
FIG. 3 is a top plane view thereof; and
FIG. 4 is a front elevational view thereof;
FIG. 5 is a bottom plane view thereof;
FIG. 6 is a left side elevational view thereof; and,
FIG. 7 is a rear elevational view thereof.

1 Claim, 4 Drawing Sheets



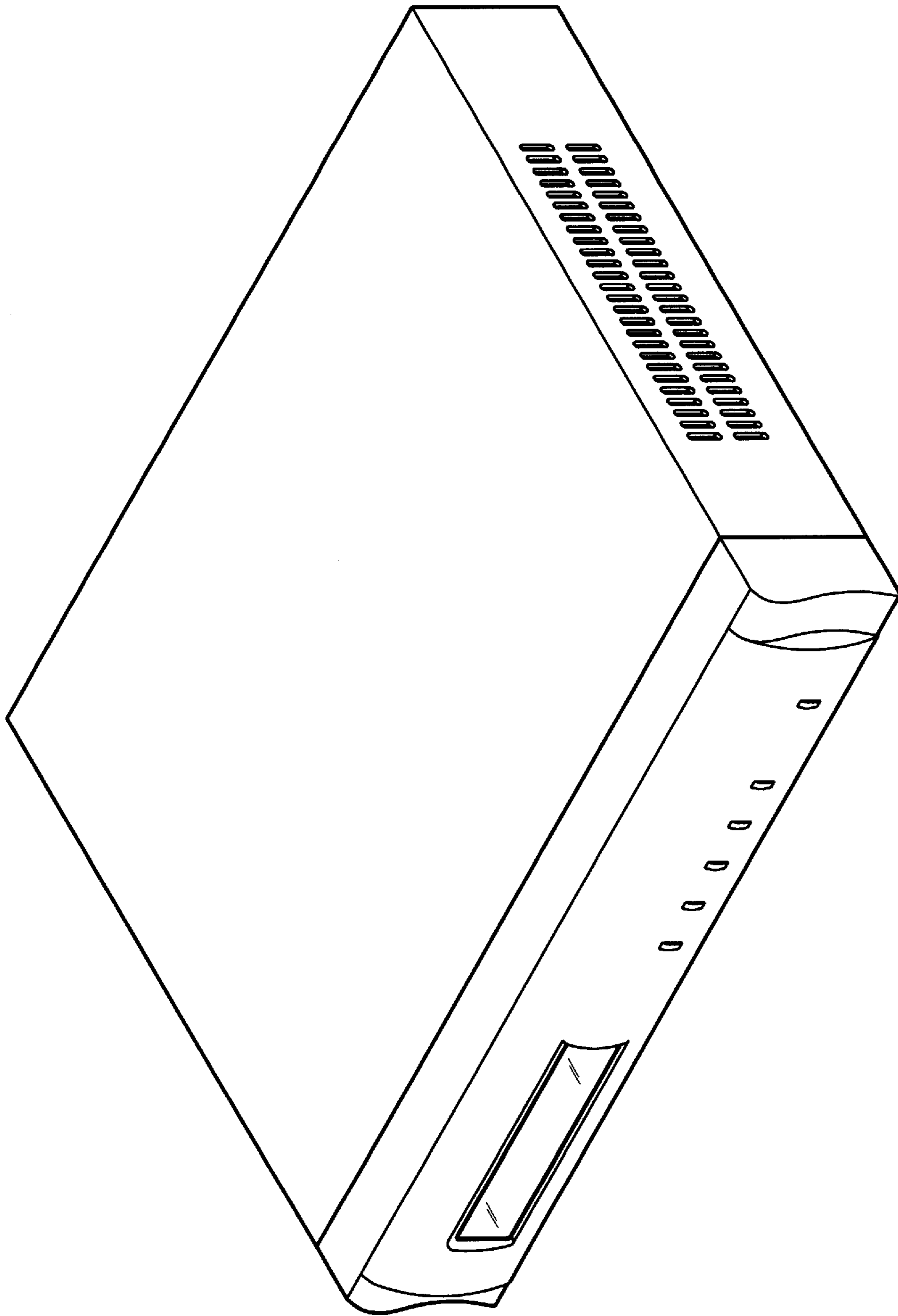


FIG. 1

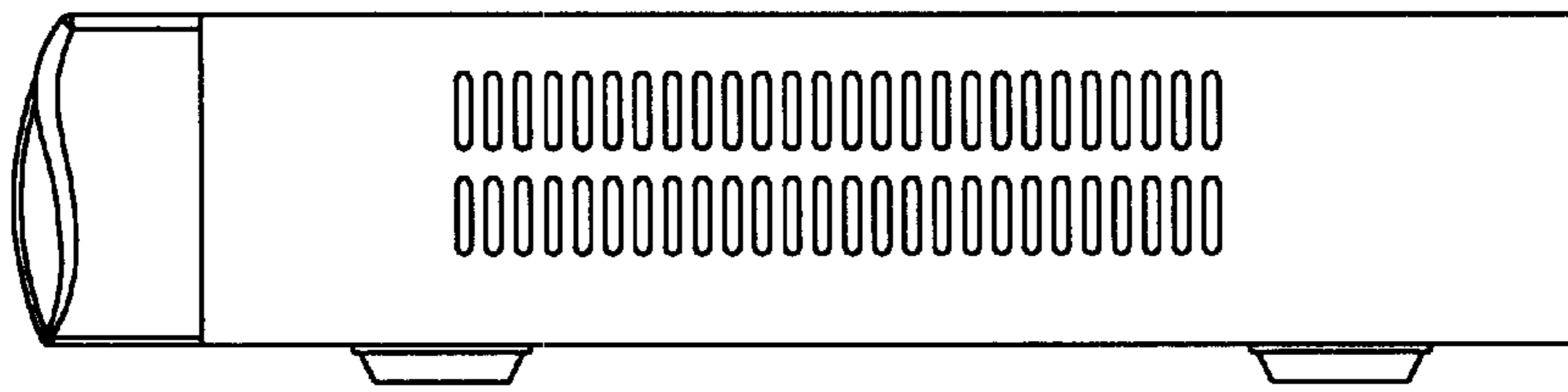


FIG. 2

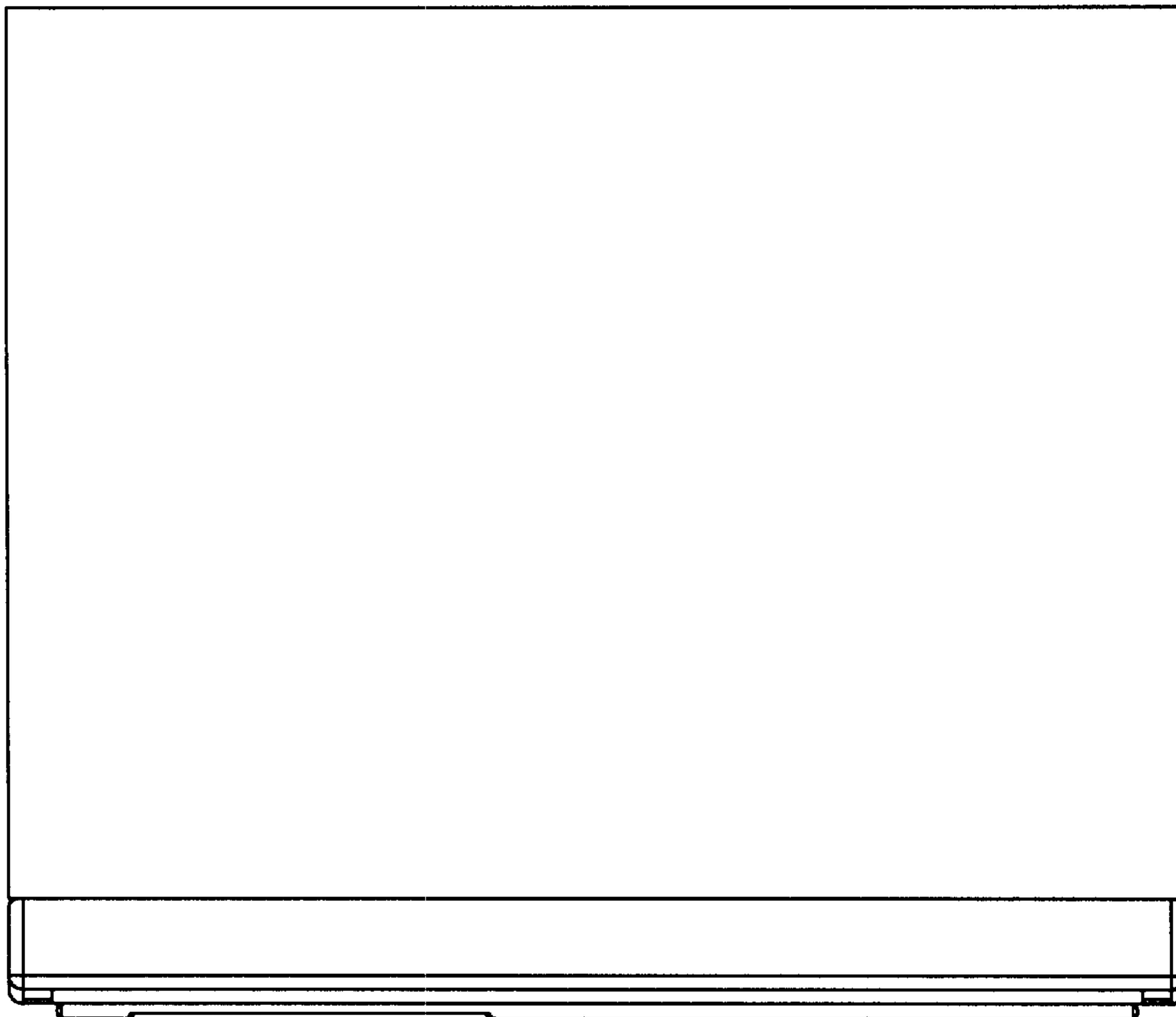


FIG. 3

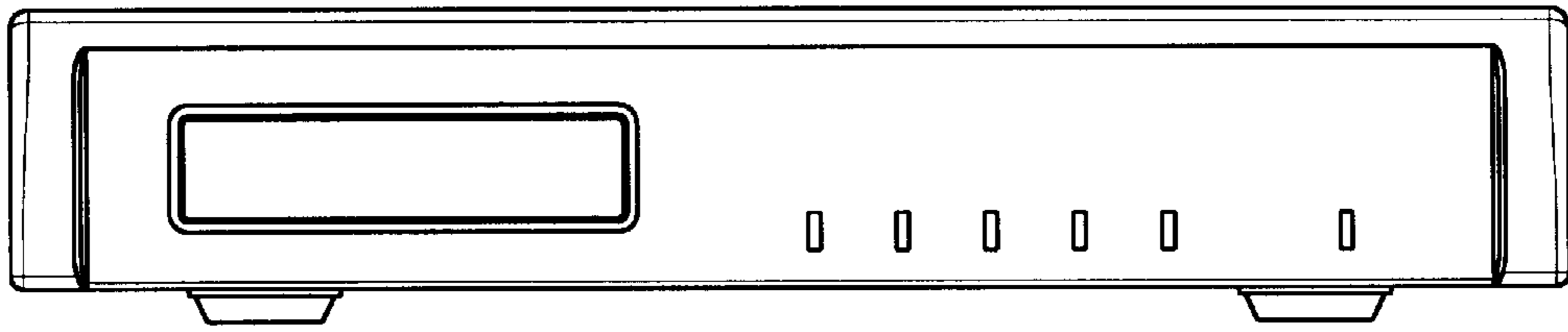


FIG. 4

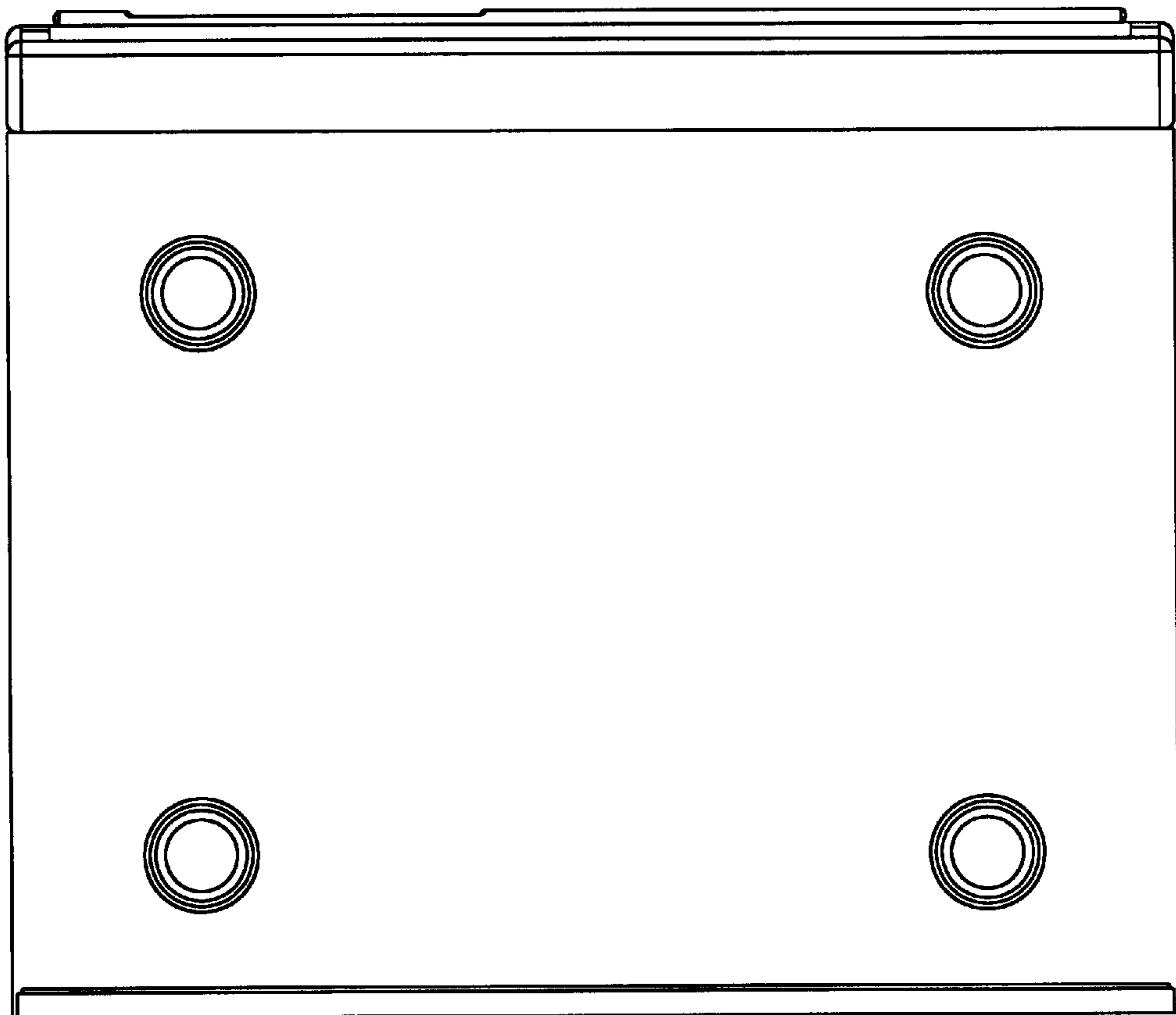


FIG. 5

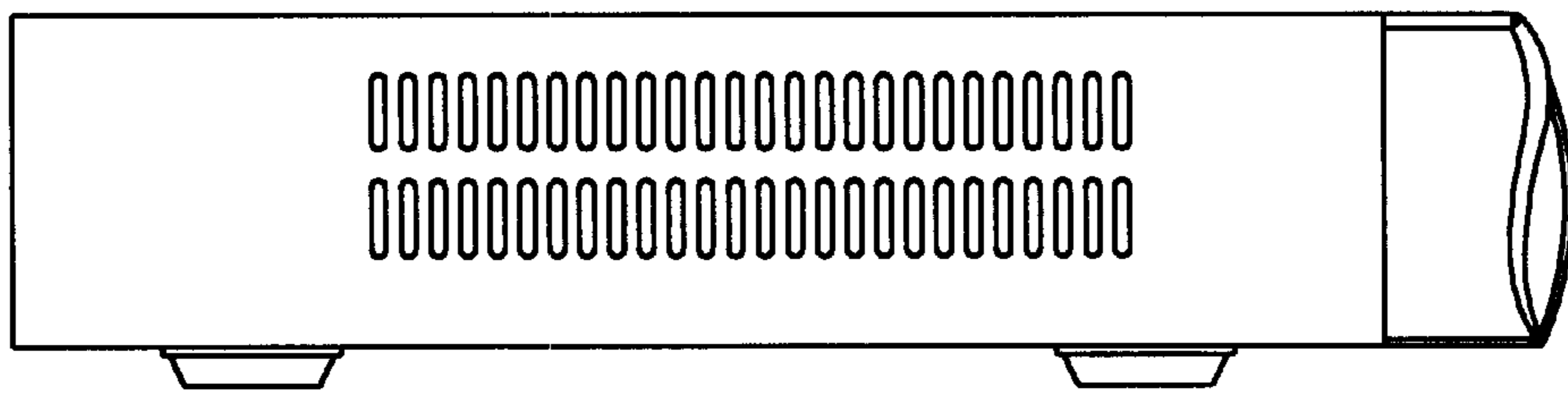


FIG. 6

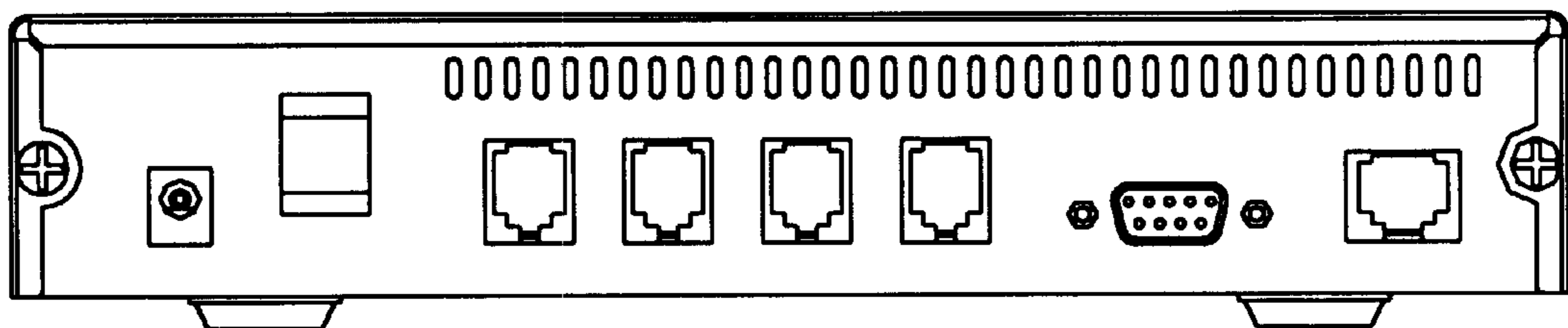


FIG. 7