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

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- (54) **LED LIGHTS**
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- (51) **LOC (10) Cl.** **10-05**
- (52) **U.S. Cl.**
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- (58) **Field of Classification Search**
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CPC F21K 9/00; F21V 5/00; F21V 5/02; F21V 5/08; F21V 15/01; F21V 31/00; G08B 7/062; G08B 7/066
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D217,926 S * 6/1970 Eisele et al. D10/111
D255,106 S * 5/1980 Bodenrader D10/111
D365,886 S * 1/1996 Strazhnik D13/134
D395,093 S * 6/1998 Summerland D26/24
6,142,649 A * 11/2000 Beghelli F21S 9/022
362/259
6,425,678 B1 * 7/2002 Verdes F21V 29/89
257/E25.019
D471,162 S * 3/2003 Fayfield D13/165

- 6,837,598 B2 * 1/2005 Marcus F21S 8/032
362/235
- D608,673 S * 1/2010 Arosio D10/111
- 7,771,089 B2 * 8/2010 Schultz F21S 48/328
362/294
- D643,765 S * 8/2011 Huang D10/114.2
- 8,004,169 B2 * 8/2011 Li F21K 9/00
313/315
- D660,491 S * 5/2012 Holscher D26/63
- 8,708,526 B2 * 4/2014 Wu F21V 21/116
362/184
- 2005/0190553 A1 * 9/2005 Lynch F21S 4/28
362/227
- 2005/0221659 A1 * 10/2005 Mrakovich F21V 21/002
439/404
- 2006/0083017 A1 * 4/2006 Wang B64F 1/20
362/547
- 2009/0034267 A1 * 2/2009 Hung F21V 21/002
362/311.01
- 2009/0168427 A1 * 7/2009 Yu F21K 9/00
362/294
- 2010/0195348 A1 * 8/2010 Ohtsuka B60Q 3/0203
362/546
- 2011/0007280 A1 * 1/2011 Patterson B60Q 3/0256
353/12
- 2011/0013397 A1 * 1/2011 Catone F21S 8/086
362/244

(Continued)

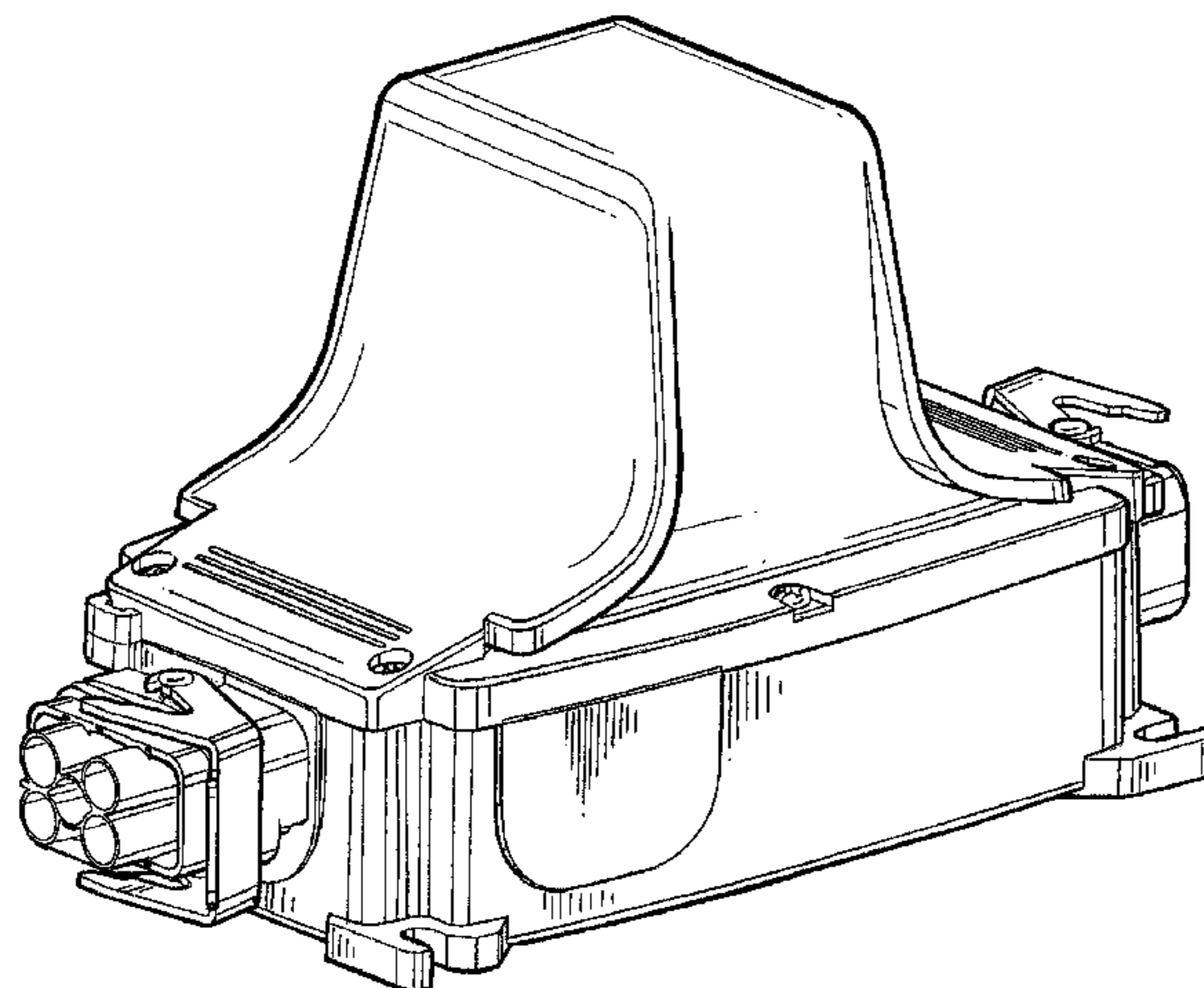
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(57) **CLAIM**
The ornamental design for LED lights, as shown and described.

DESCRIPTION

FIG. 1 is a right, front perspective view of LED lights according to the design;
FIG. 2 is a left, front perspective view thereof;
FIG. 3 is right side view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a front view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2011/0058370	A1*	3/2011	Datz	B60Q 1/2611 362/235	2014/0055619	A1*	2/2014	Holland	G08B 5/36 348/159
2011/0216545	A1*	9/2011	Russo	H01R 9/031 362/362	2014/0111966	A1*	4/2014	Oostdyk	F21V 5/02 362/84
2012/0069561	A1*	3/2012	Burton	F21V 15/01 362/231	2015/0036340	A1*	2/2015	Schwaighofer	F21V 5/08 362/237
2012/0092183	A1*	4/2012	Corbett	F21S 2/005 340/815.4	2015/0184809	A1*	7/2015	Kuo	F21V 5/04 362/311.14
2013/0210252	A1*	8/2013	Ilyes	G08C 19/00 439/226	2015/0345753	A1*	12/2015	Mochizuki	F21V 5/04 362/375
2014/0036514	A1*	2/2014	Sawayanagi	F21V 27/02 362/368	2016/0003428	A1*	1/2016	Anderson	F21S 8/033 362/147
					2016/0025306	A1*	1/2016	Menke, III	F21V 17/002 362/311.01

* cited by examiner

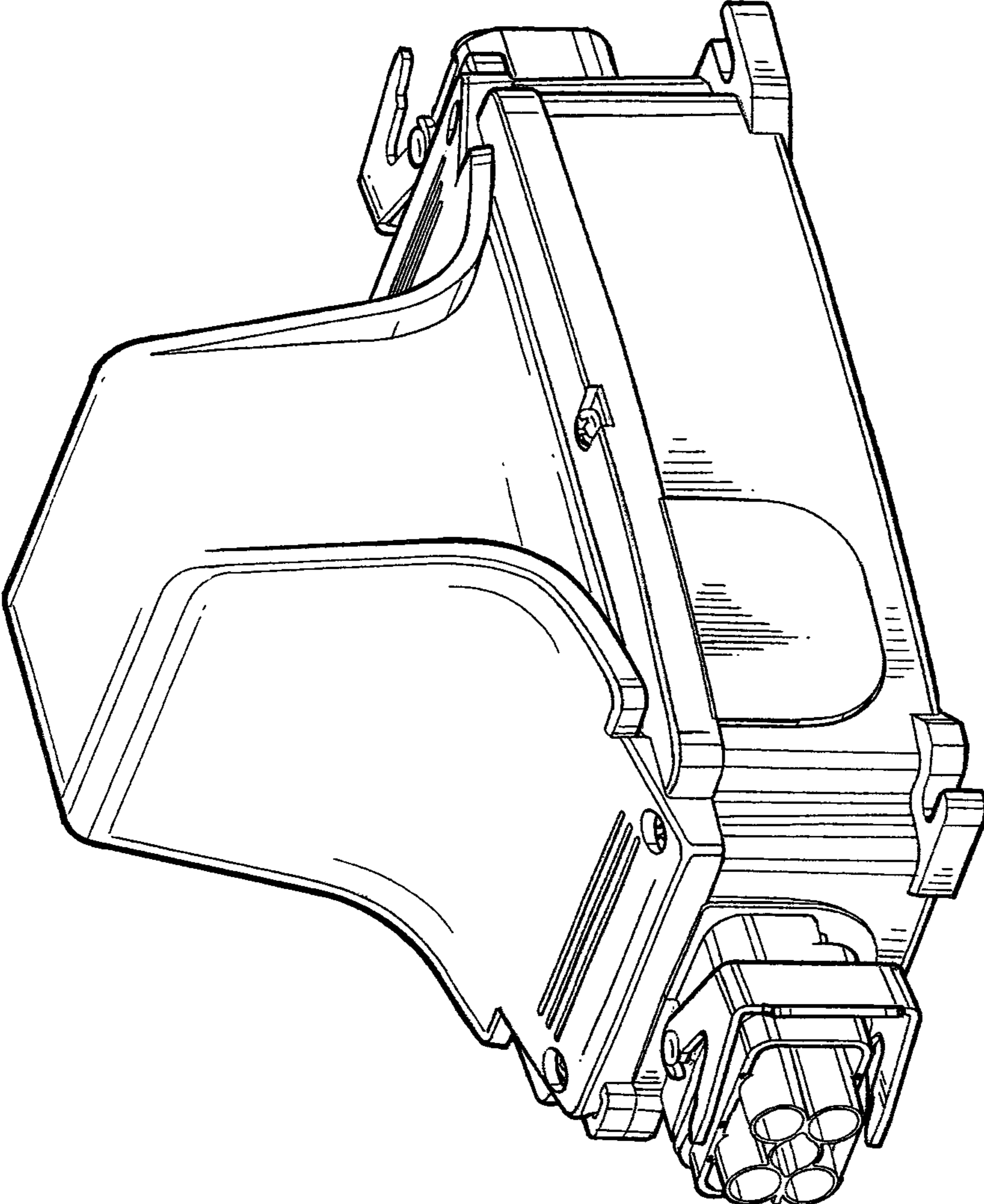


FIG. 1

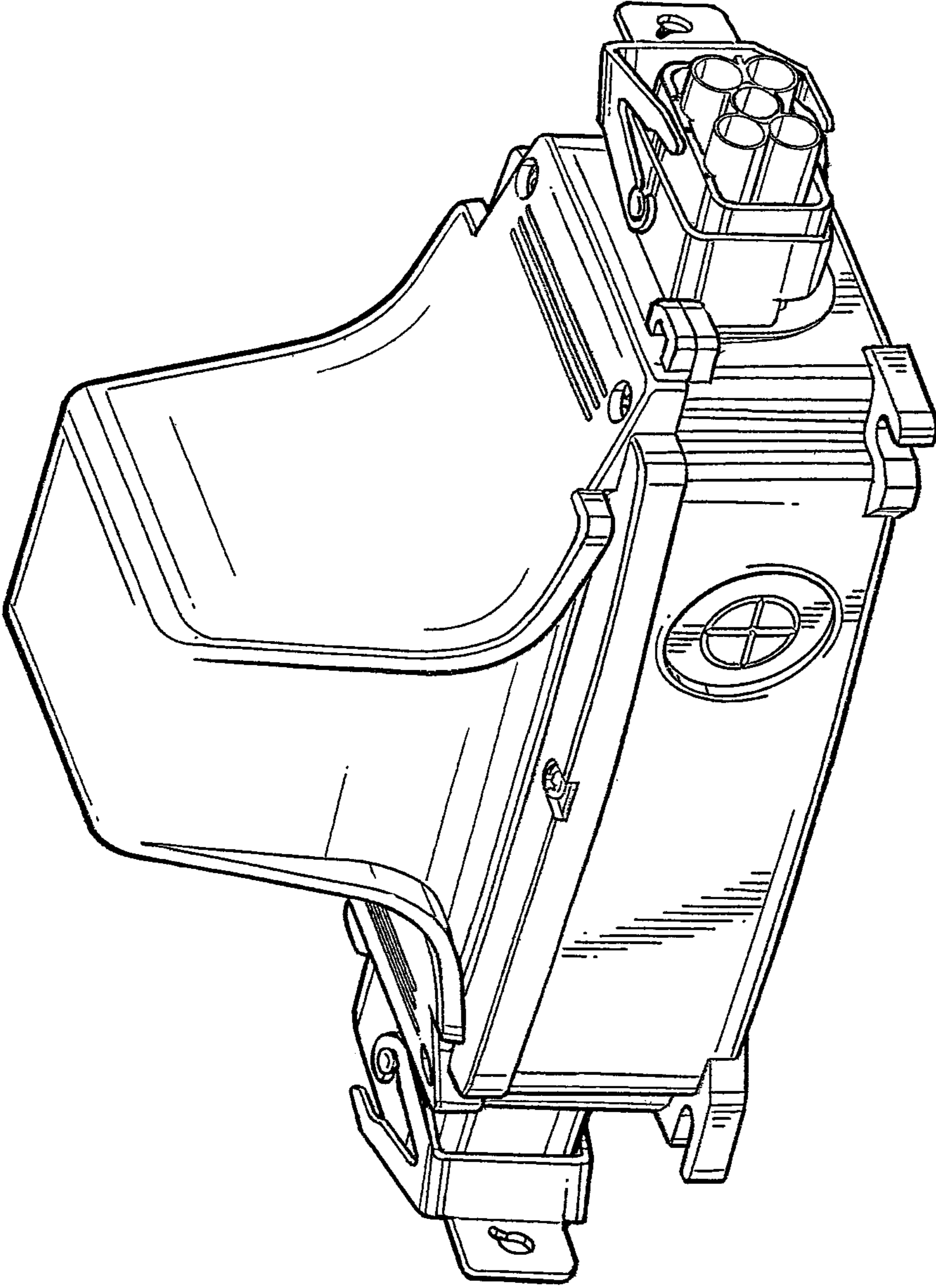


FIG. 2

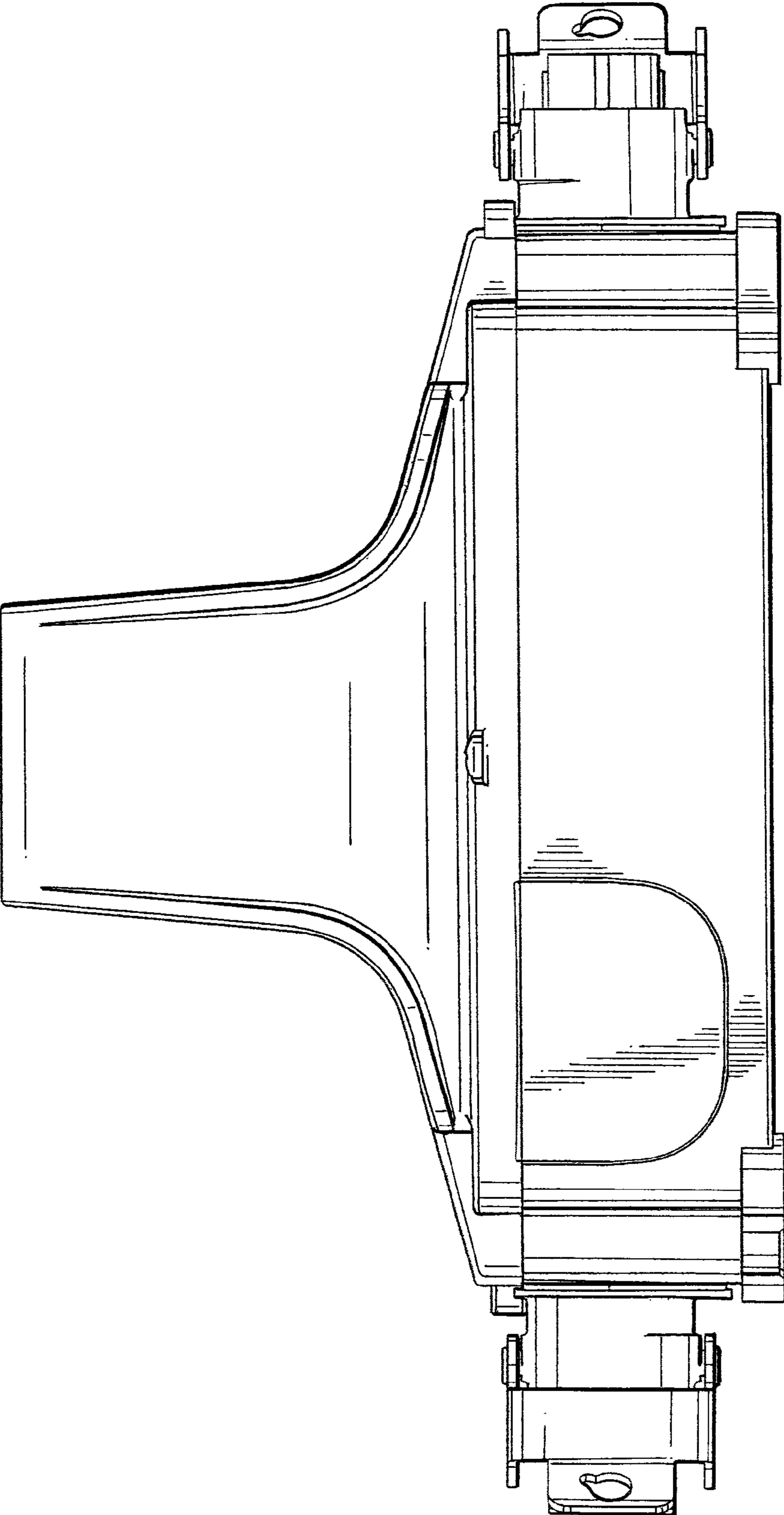


FIG. 3

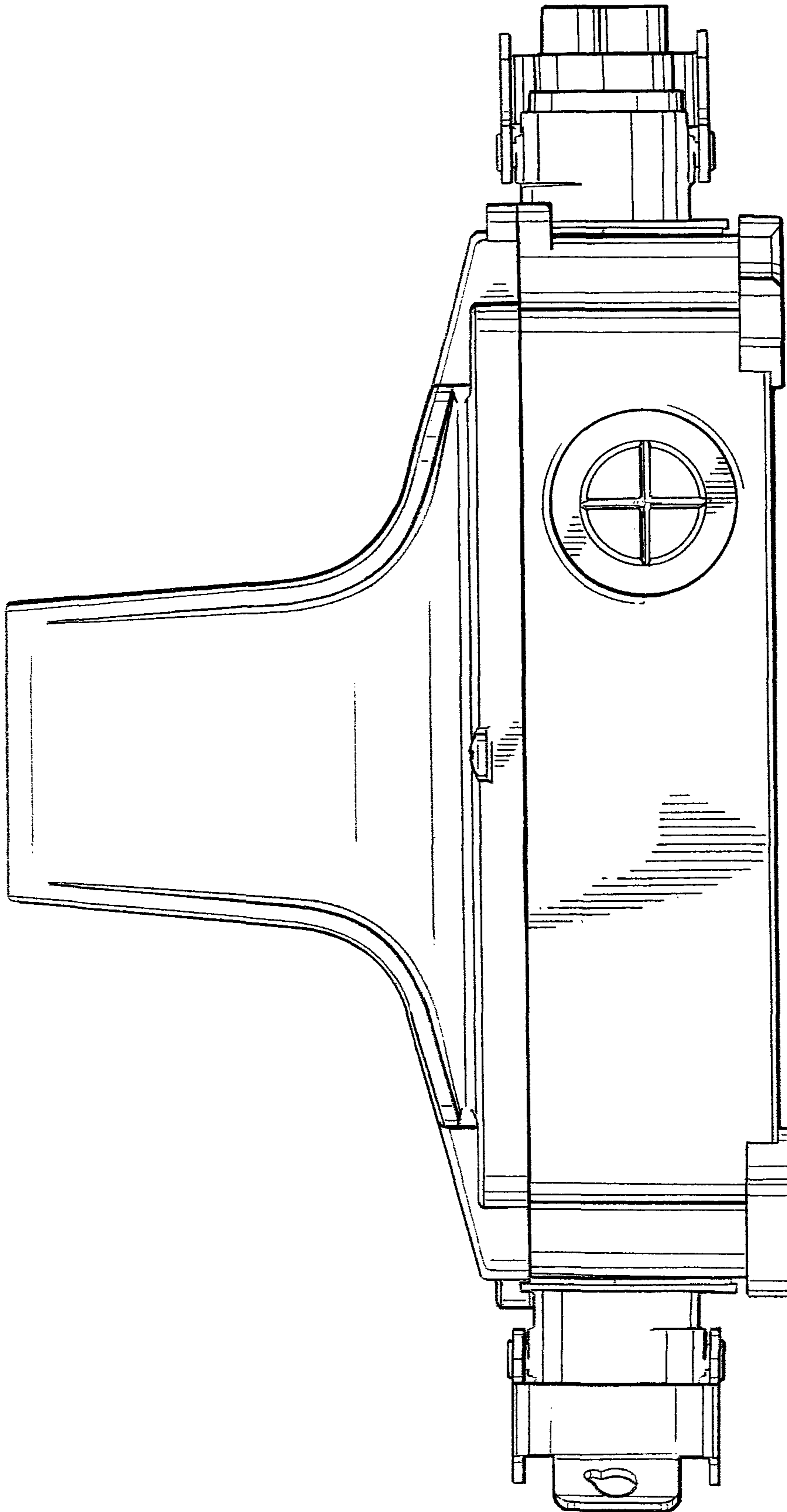


FIG. 4

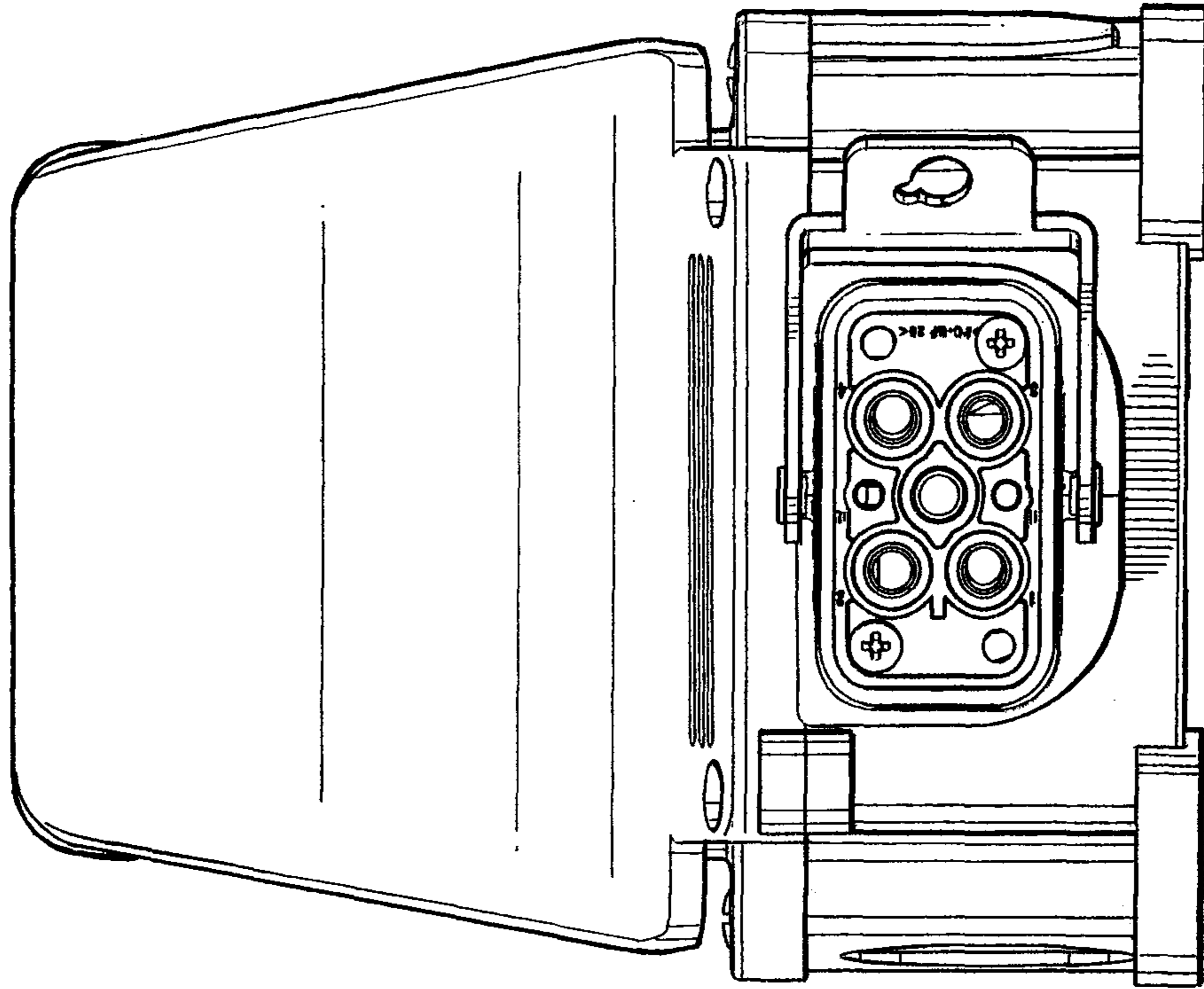


FIG. 5

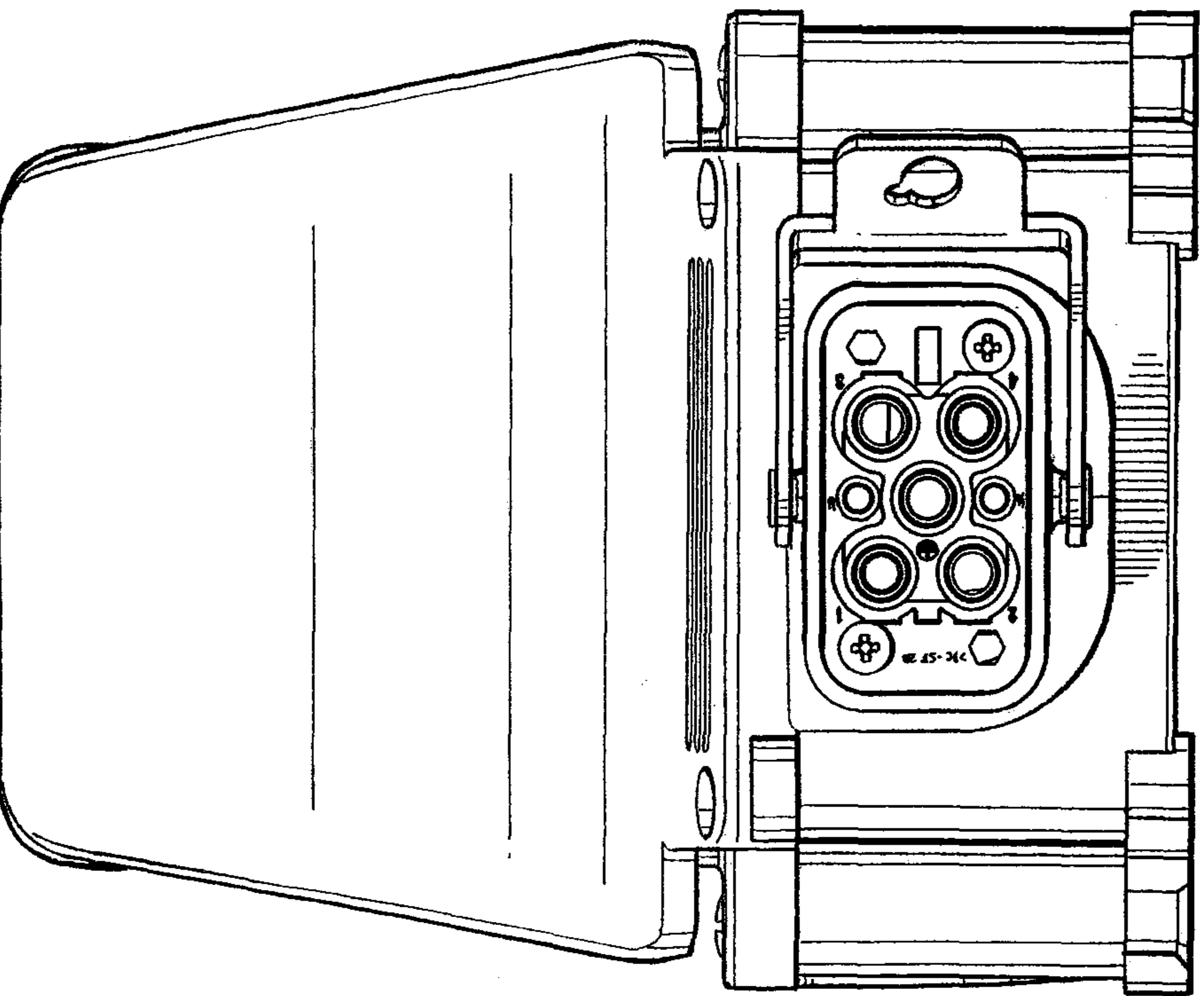


FIG. 6

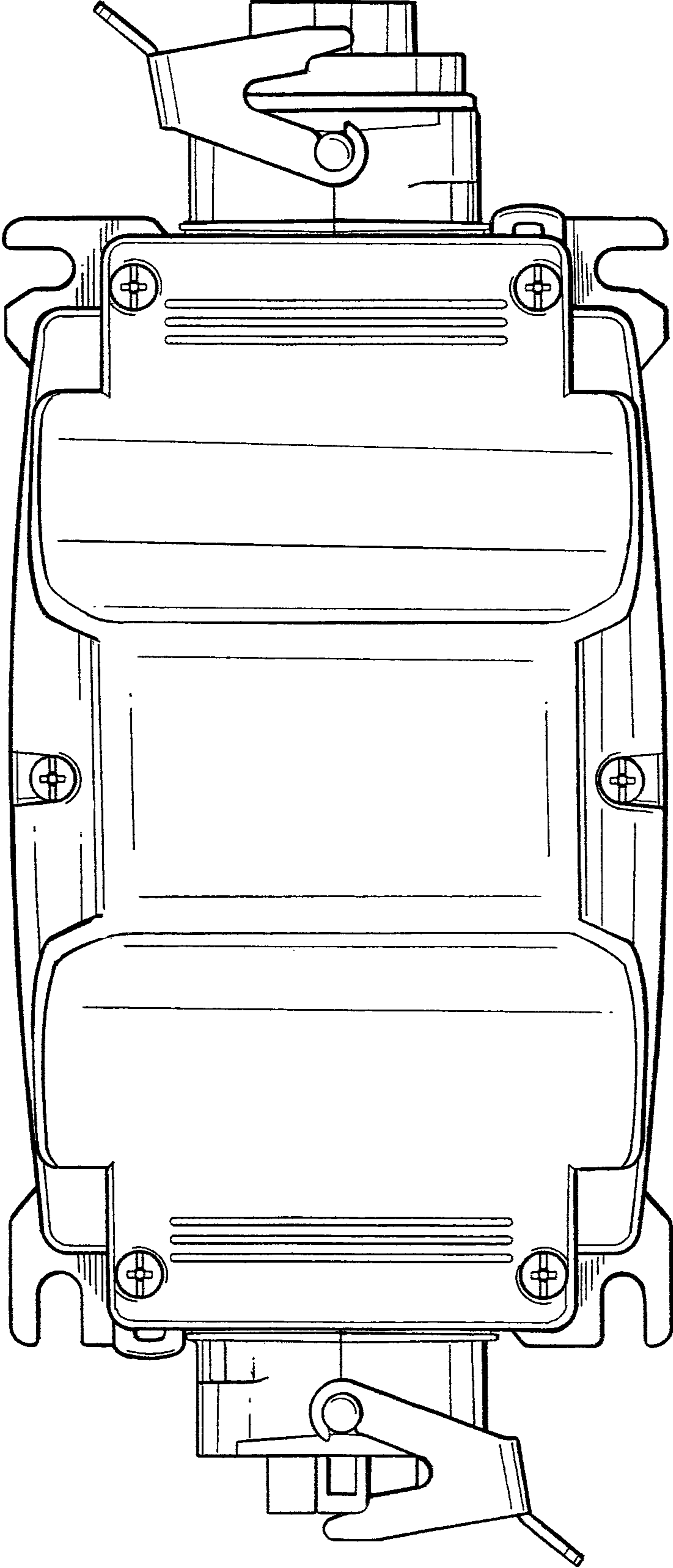


FIG. 7

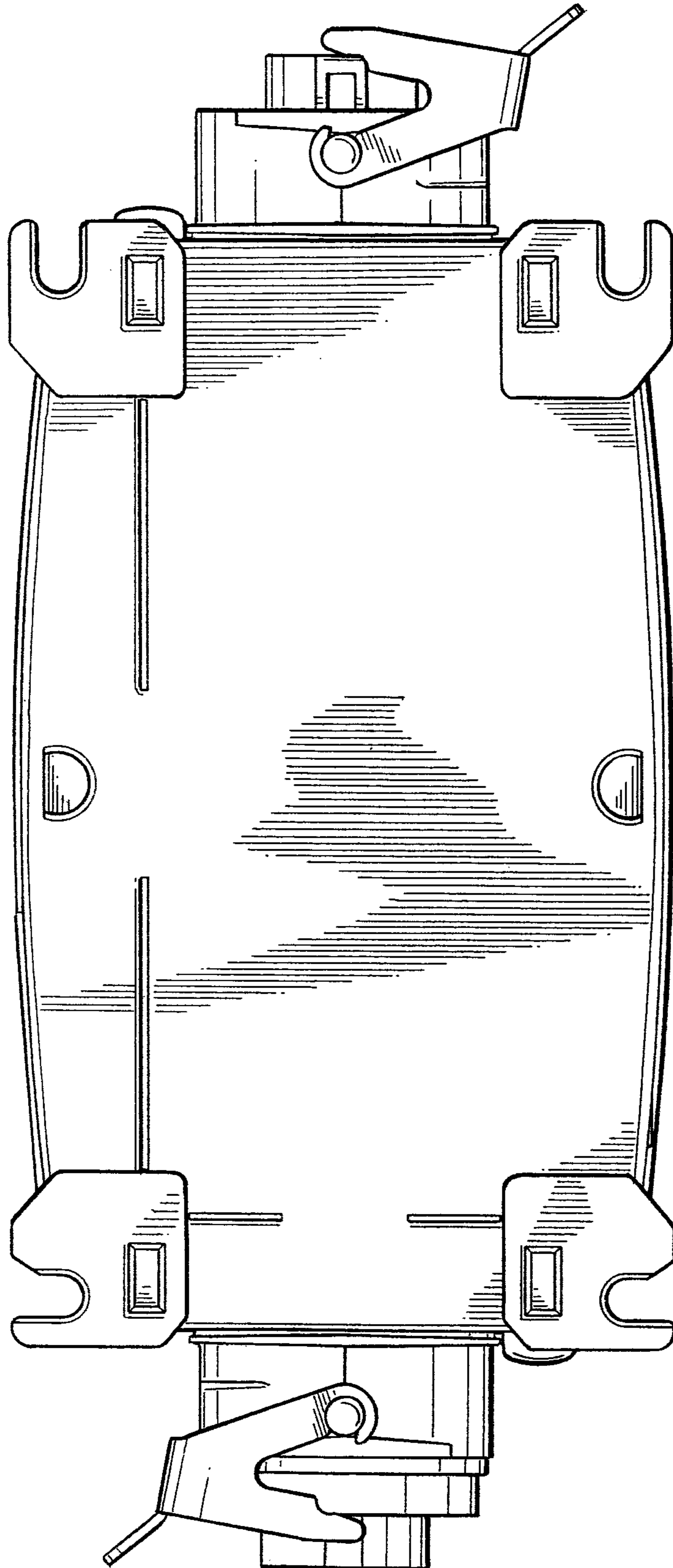


FIG. 8