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

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- (54) **SHEET METAL PROCESSING MACHINE**
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- (51) **LOC (10) Cl.** **15-09**
- (52) **U.S. Cl.**
USPC **D15/122**; D15/129
- (58) **Field of Classification Search**
USPC D15/122, 127, 128, 129, 130
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D179,307 S * 11/1956 Little et al. D15/127
- 3,269,241 A * 8/1966 Schott B21D 28/265
269/291
- D233,065 S * 10/1974 Roch D15/129
- 3,874,262 A * 4/1975 Cailloux B21D 28/246
83/549
- 4,156,377 A * 5/1979 Bracewell B21D 28/00
83/524
- 4,274,801 A * 6/1981 Herb B21D 43/003
269/73
- 4,327,615 A * 5/1982 Gerber B26D 5/00
700/167
- D265,562 S * 7/1982 Haeger D15/122

- 4,372,183 A * 2/1983 Lehtinen B23D 27/00
700/86
- 4,373,412 A * 2/1983 Gerber B26D 1/185
83/24
- 4,423,546 A * 1/1984 Scott B21D 28/12
483/29
- 4,486,941 A * 12/1984 Scott B21D 28/12
483/29
- 4,558,616 A * 12/1985 Sakamoto B21D 28/246
83/368
- 4,587,716 A * 5/1986 Bytow B21D 37/145
483/14
- D286,536 S * 11/1986 Beck D15/127
- D289,407 S * 4/1987 Shibayama D15/122
- 4,669,346 A * 6/1987 Benedict B21D 43/00
269/138
- 4,741,232 A * 5/1988 Myers B23Q 1/015
29/27 C
- D303,673 S * 9/1989 Ai D15/129
- 5,182,936 A * 2/1993 Sartorio B21D 5/0281
72/420
- 5,187,958 A * 2/1993 Prunotto B21D 5/002
72/16.2
- 5,227,606 A * 7/1993 Weeks B23K 26/123
219/121.67
- 5,345,806 A * 9/1994 Sartorio B21F 43/026
414/758

(Continued)

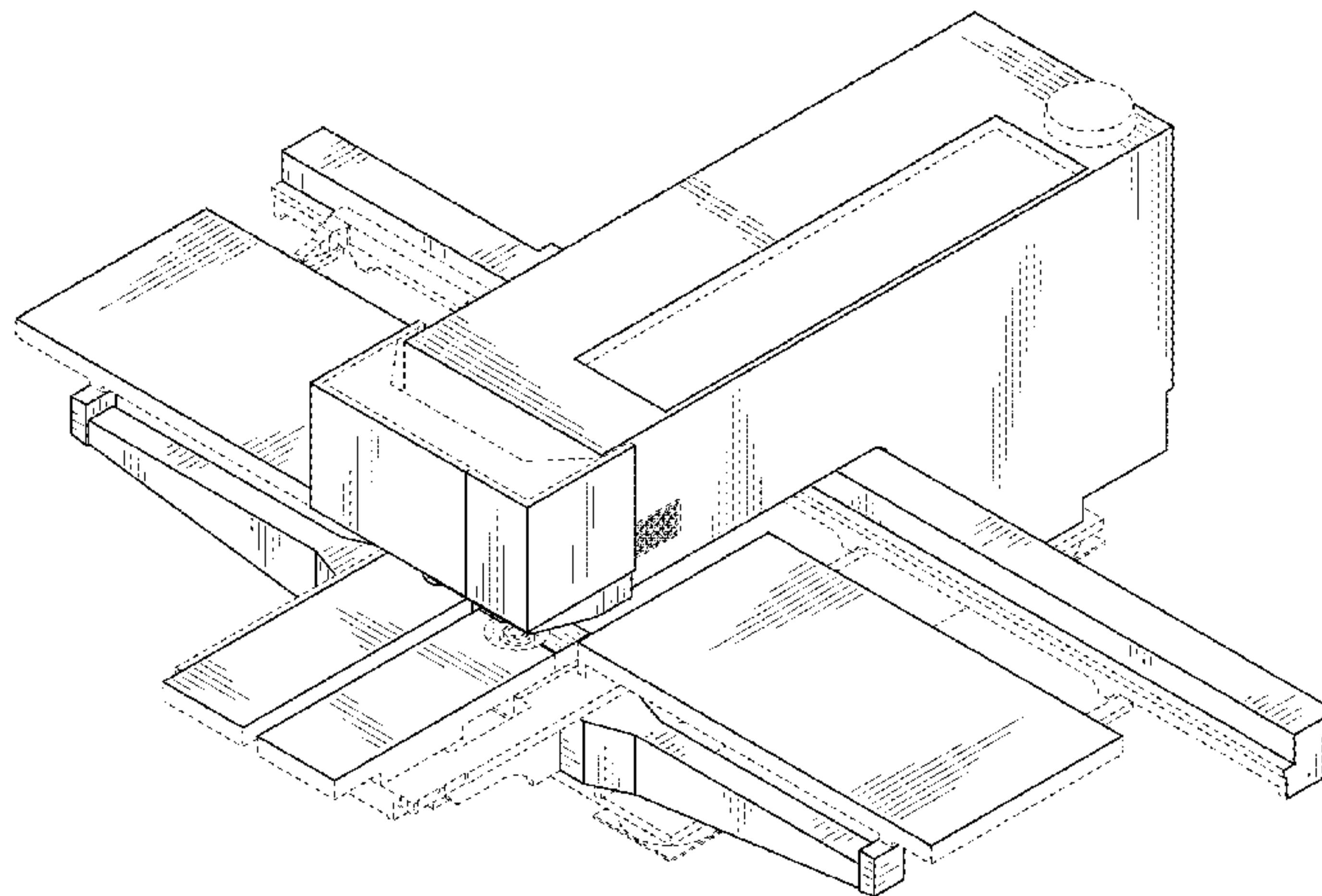
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(57) **CLAIM**
The ornamental design for a sheet metal processing machine, substantially as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of our design.
FIG. 2 is a front view of our design.
FIG. 3 is a rear view of our design.
FIG. 4 is a left side view of our design.
FIG. 5 is a right side view of our design.
FIG. 6 is a top view of our design; and,
FIG. 7 is a bottom view of our design.
The broken lines illustrate graphical environmental features that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D375,316 S *	11/1996	Tsai	.....	D15/131	D666,637 S *	9/2012	Mueller	.....	D15/122
5,746,571 A *	5/1998	Dietschi	.....	B65H 1/00	D681,702 S *	5/2013	Mueller	.....	D15/128
				271/106	2005/0072767 A1*	4/2005	Leibinger	.....	B23K 26/0884
6,462,301 B1 *	10/2002	Scott	.....	B23K 26/04					219/121.67
				219/121.6	2006/0201231 A1*	9/2006	Borgwarth	.....	B21J 7/04
6,647,846 B2 *	11/2003	Schmidt	.....	B21D 28/265					72/448
				414/222.1	2007/0175264 A1*	8/2007	Bytow	.....	B26D 7/20
D547,336 S *	7/2007	Kai	.....	D15/122					72/465.1
					2011/0132164 A1*	6/2011	Barandiaran		
							Echeguia	.....	B21D 28/20
									83/122

* cited by examiner

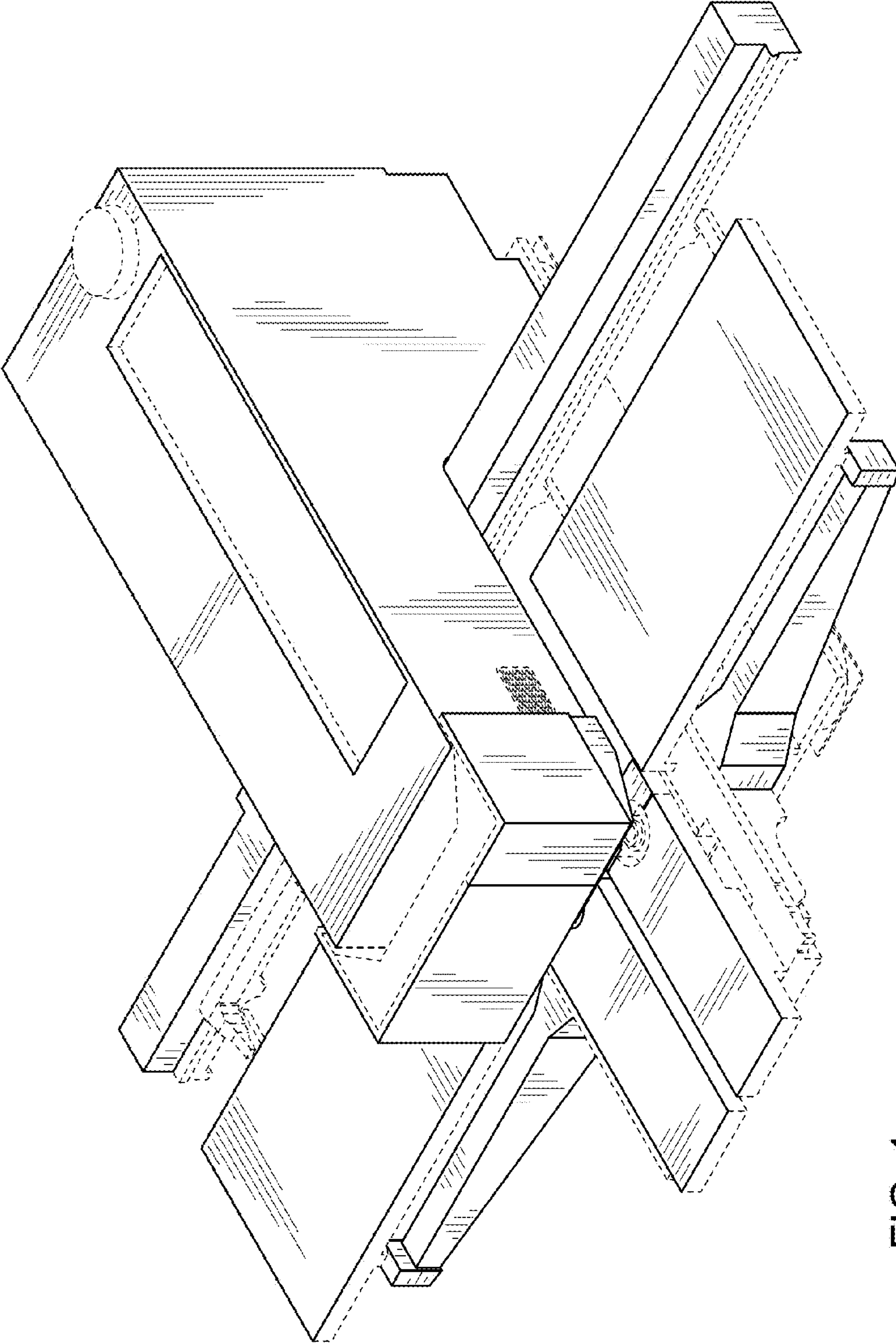


FIG. 1

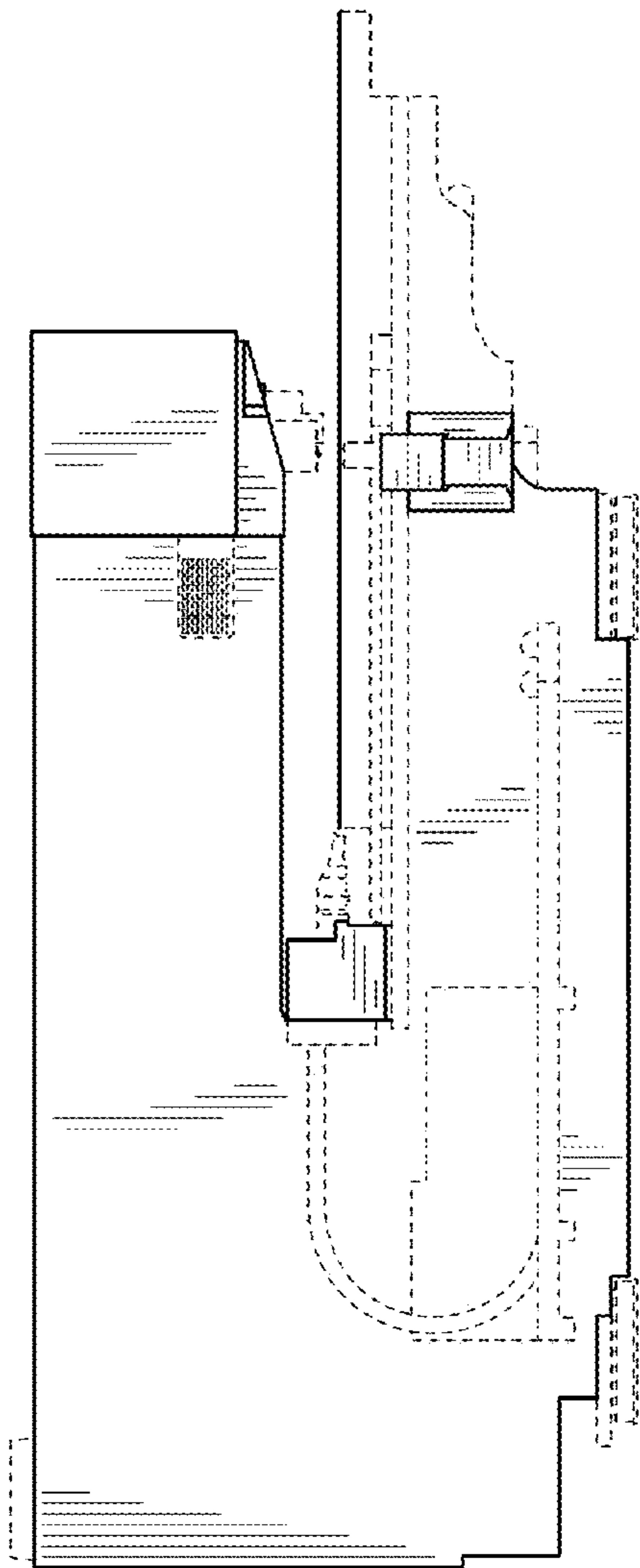


FIG. 2

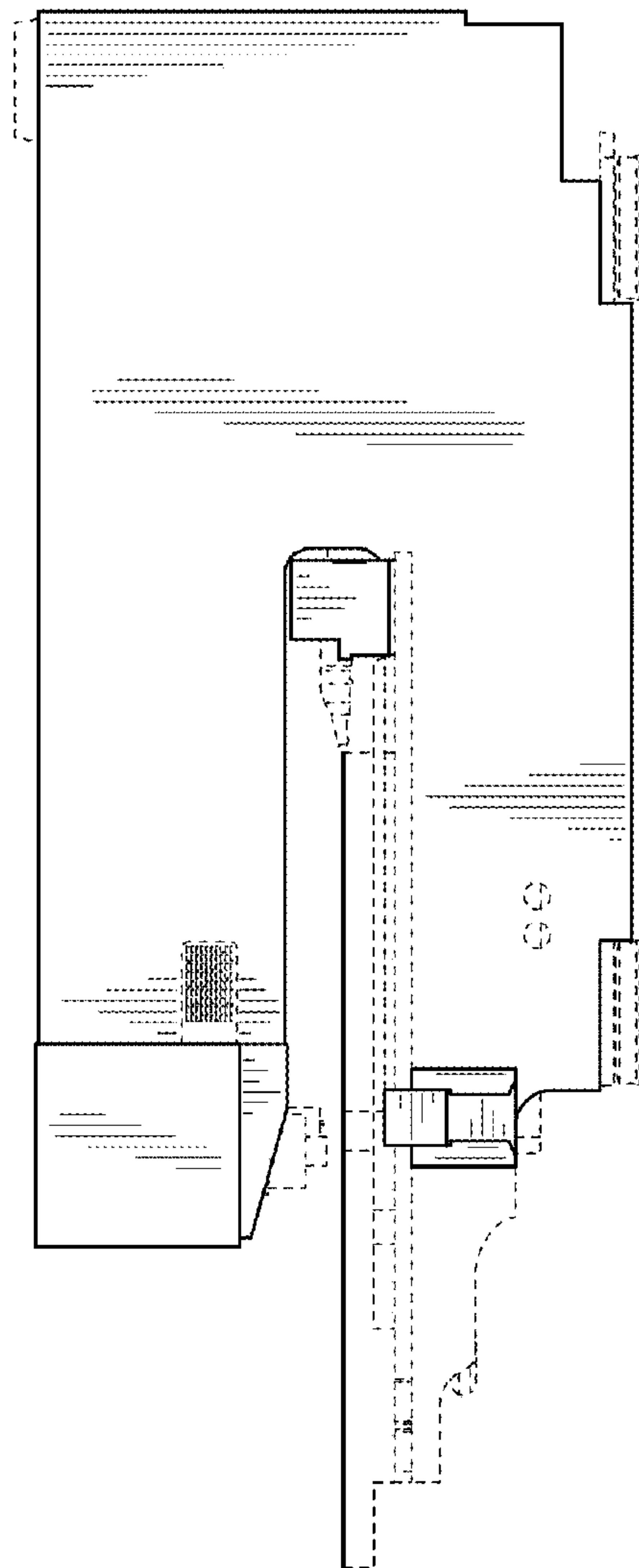


FIG. 3

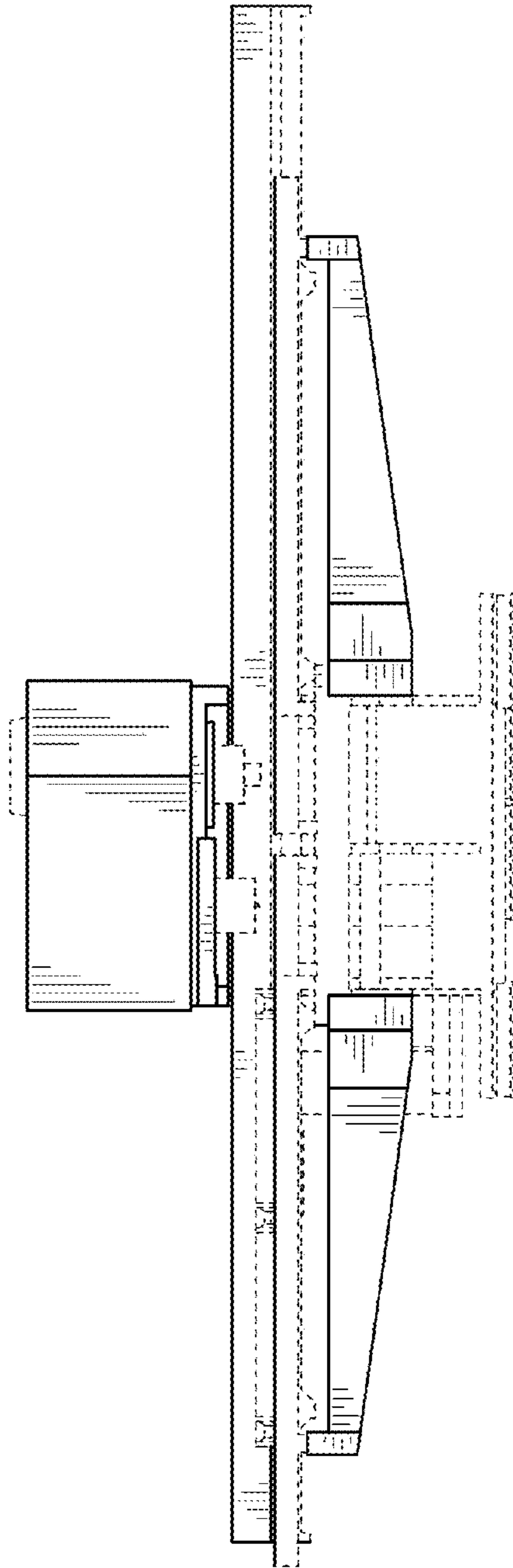


FIG. 4

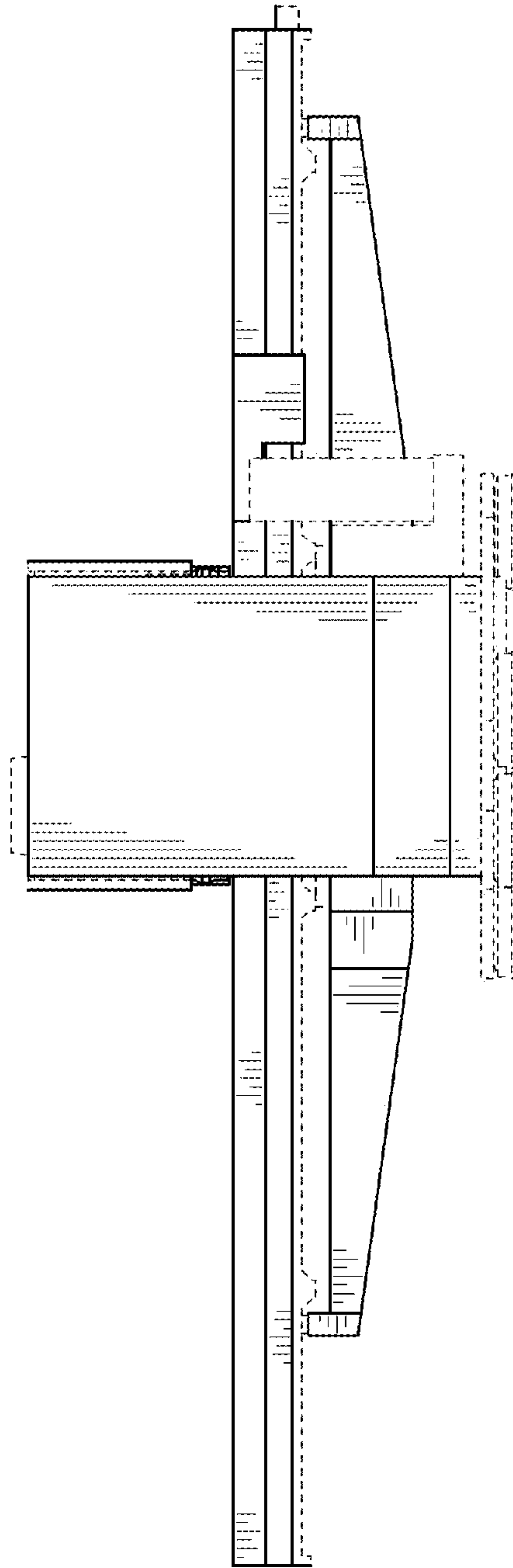


FIG. 5

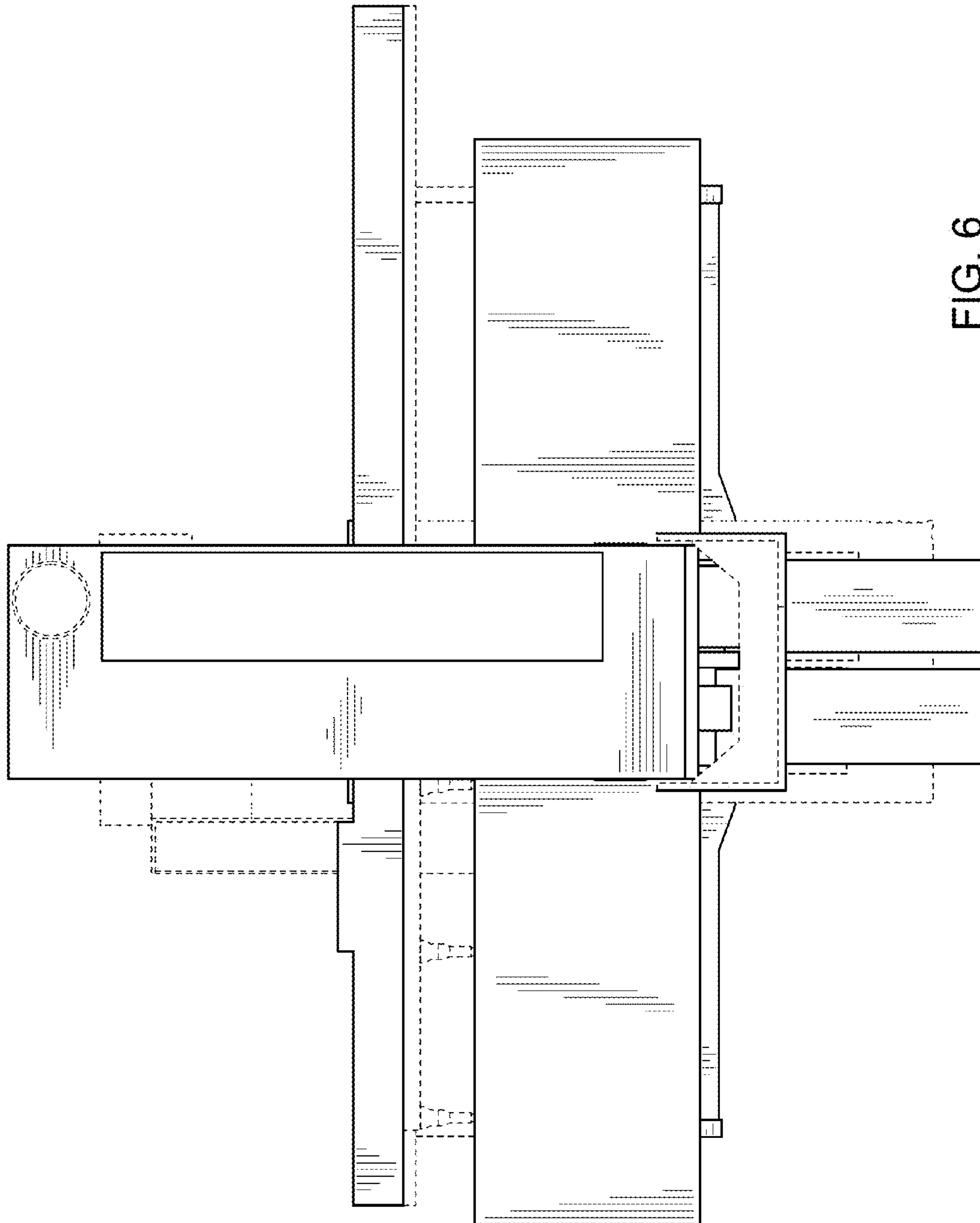


FIG. 6

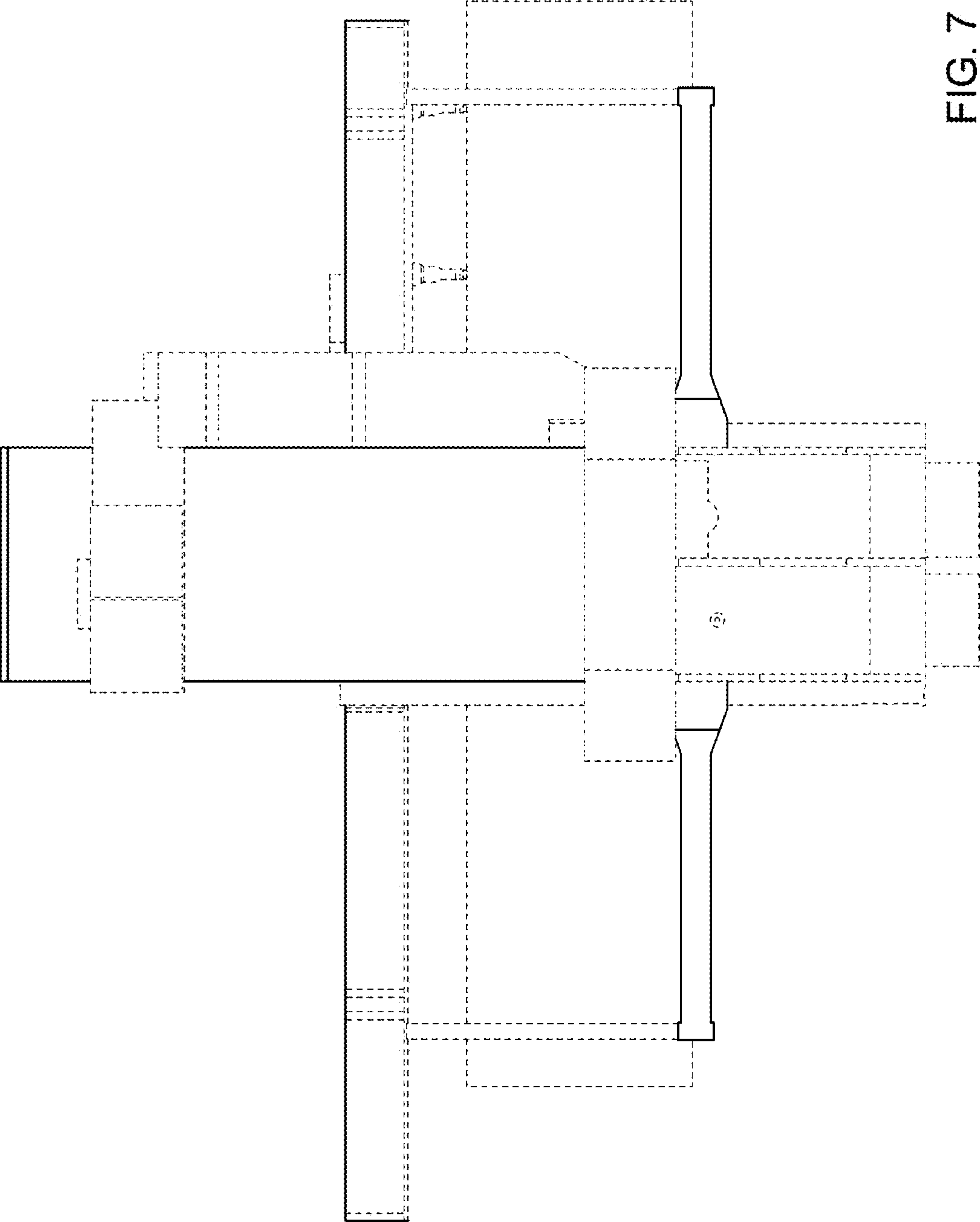


FIG. 7