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(12) **United States Design Patent** (10) **Patent No.:** US D854,775 S
Chang et al. (45) **Date of Patent:** ** Jul. 23, 2019

(54) **ELEVATION APPARATUS FOR LIFT TABLE**(71) Applicant: **G.S.ACE INDUSTRY CO., LTD.**,
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Gyeonggi-Do (KR)(**) Term: **15 Years**(21) Appl. No.: **29/612,662**(22) Filed: **Aug. 2, 2017**(30) **Foreign Application Priority Data**

Jun. 28, 2017 (KR) 30-2017-0029749

(51) LOC (11) Cl. **12-05**(52) U.S. Cl.
USPC **D34/28**(58) **Field of Classification Search**CPC A47B 1/00; A47B 7/00; A47B 9/00; A47B
9/10; A47B 9/16; A47B 9/02; A47B
11/00;

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,472,183 A * 10/1969 Goodman A47B 9/00
108/1473,820,631 A * 6/1974 King et al. B66F 11/042
182/141

(Continued)

Primary Examiner — Cynthia Ramirez

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(57) **CLAIM**

The ornamental design for an elevation apparatus for a lift table, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an elevation apparatus for a lift table in an elevated and unfolded state showing the claimed design;

FIG. 2 is a front view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 3 is a rear view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 4 is a left side view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 5 is a right side view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 6 is a top plan view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 7 is a bottom plan view of the elevation apparatus for the lift table in the elevated and unfolded state showing the claimed design;

FIG. 8 is a perspective view of the elevation apparatus for the lift table in a non-elevated and folded state showing the claimed design;

FIG. 9 is a front view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design;

FIG. 10 is a rear view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design;

FIG. 11 is a left side view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design;

FIG. 12 is a right side view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design;

FIG. 13 is a top plan view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design; and,

(Continued)

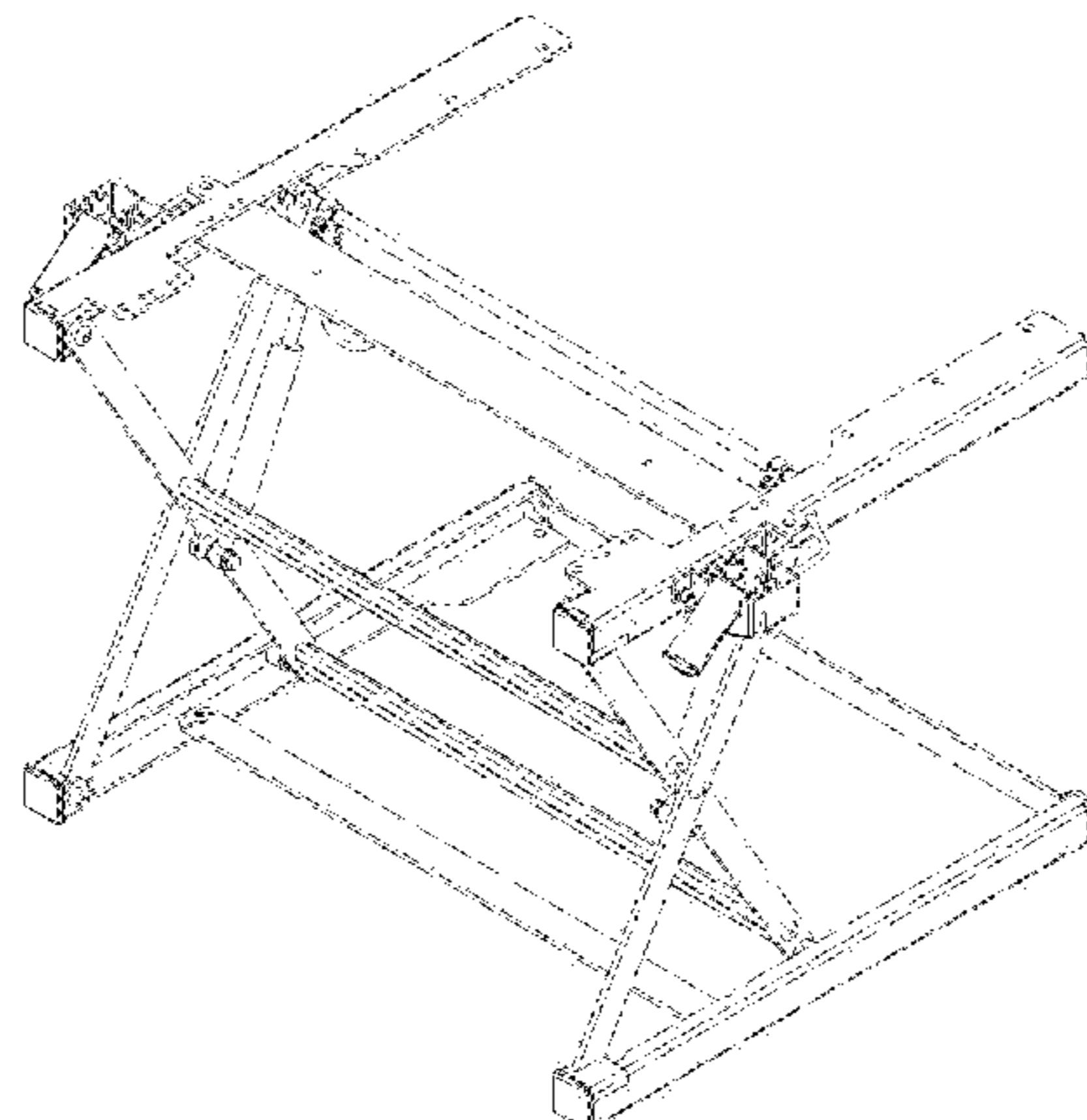


FIG. 14 is a bottom plan view of the elevation apparatus for the lift table in the non-elevated and folded state showing the claimed design.

1 Claim, 14 Drawing Sheets

(58) Field of Classification Search

CPC .. A47B 13/00; A47B 13/081; A47B 21/0073; A47B 2200/005; A47B 2200/0064; B66F 7/0658; B66F 9/06; B66F 5/00; B66F 5/02; B66F 7/00; B66F 7/04; B66F 7/06; B66F 6/00; B66F 6/11; B66F 9/065; B66F 17/006; B66F 17/0666; B66F 11/046; E04G 1/22; B62B 1/18; B62B 1/10

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

4,488,326 A *	12/1984	Cherry	B66F 7/0625 14/69.5
4,741,512 A *	5/1988	Elkuch	B66F 7/065 248/421
4,995,130 A *	2/1991	Hahn	B65G 69/2823 14/71.3
5,113,972 A *	5/1992	Haak, Sr.	B66F 11/042 187/269
D346,254 S *	4/1994	Novak	D34/28
D375,602 S *	11/1996	Henthorn	D34/28
5,588,377 A *	12/1996	Fahmian	A47B 9/00 108/145
D378,155 S *	2/1997	Bartow	D34/28

5,833,198 A *	11/1998	Graetz	A47B 9/16 248/370
6,651,775 B2 *	11/2003	Bassett, Jr.	B66F 11/042 182/69.5
6,814,188 B1 *	11/2004	Heckert	B66F 7/065 187/211
D640,030 S *	6/2011	Fukuma	D34/28
D640,440 S *	6/2011	Thurm	D34/28
8,015,638 B2 *	9/2011	Shimada	A47C 19/04 108/145
D771,982 S *	11/2016	Flaherty	D6/655
9,615,655 B1 *	4/2017	Huang	A47B 9/16
D814,736 S *	4/2018	Kritzer	D34/28
9,961,991 B1 *	5/2018	Chen	A47B 21/02
D825,131 S *	8/2018	Wik	D34/28
D827,241 S *	8/2018	Kritzer	D34/28
D830,739 S *	10/2018	Min	D6/655
D832,623 S *	11/2018	Flaherty	D6/655
2012/0034055 A1 *	2/2012	Leonard	B60D 1/00 414/495
2013/0139736 A1 *	6/2013	Flaherty	A47B 9/18 108/106
2014/0014886 A1 *	1/2014	Ruth sen.	B66F 17/00 254/122
2014/0027693 A1 *	1/2014	Hallman	B66F 5/00 254/8 C
2015/0159803 A1 *	6/2015	Lin	F16M 11/24 108/50.11
2015/0289641 A1 *	10/2015	Ergun	A47B 9/16 108/42
2017/0049224 A1 *	2/2017	Kim	A47B 21/02
2017/0240396 A1 *	8/2017	Oberg	B66F 9/065
2018/0103752 A1 *	4/2018	Zhong	A47B 3/02
2018/0177289 A1 *	6/2018	Chen	A47B 21/0314
2018/0184797 A1 *	7/2018	Chuang	A47B 9/16
2018/0206630 A1 *	7/2018	Chang	A47B 13/081
2018/0255919 A1 *	9/2018	Swartz	A47B 9/02

* cited by examiner

FIG. 1

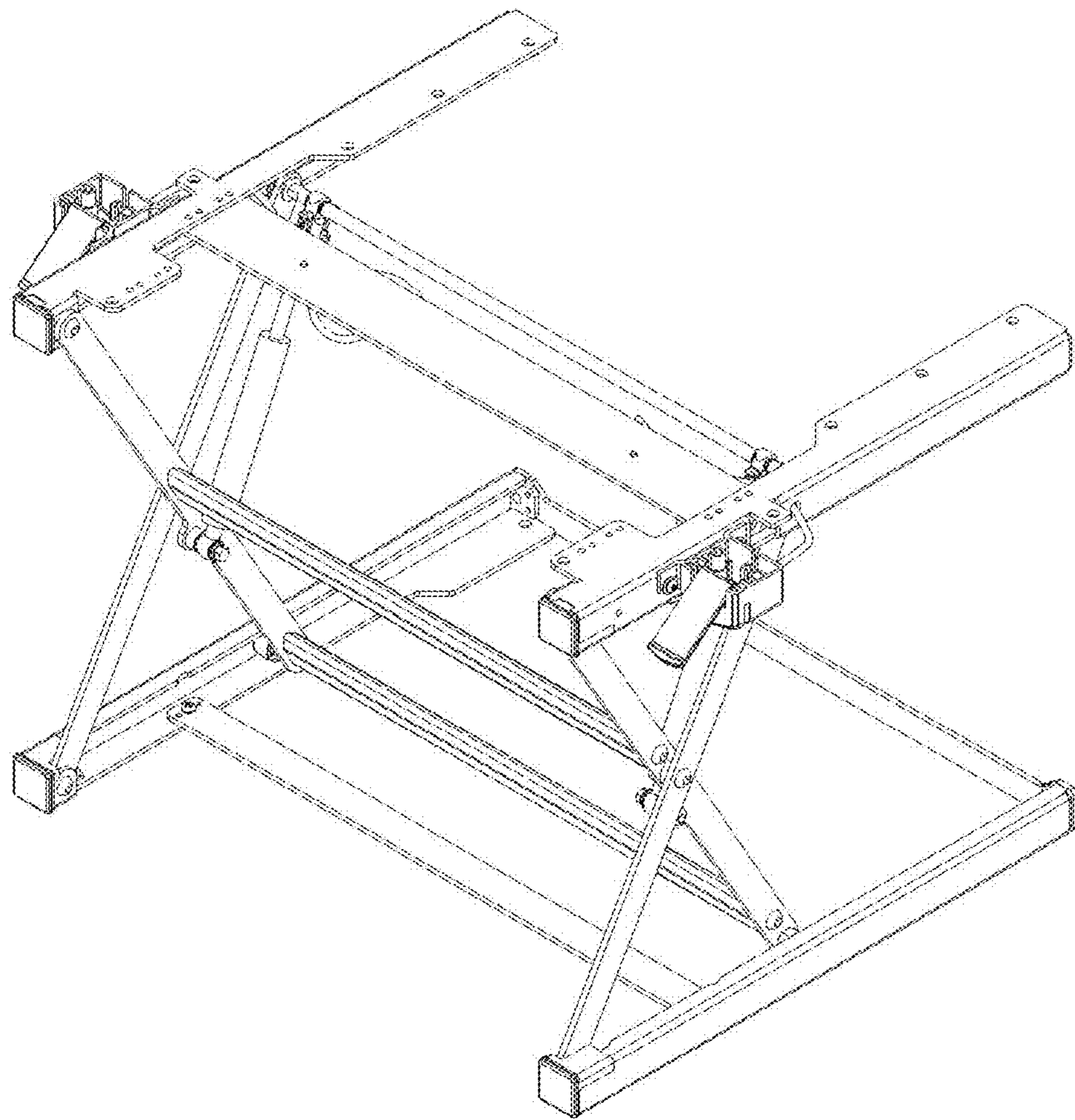


FIG. 2

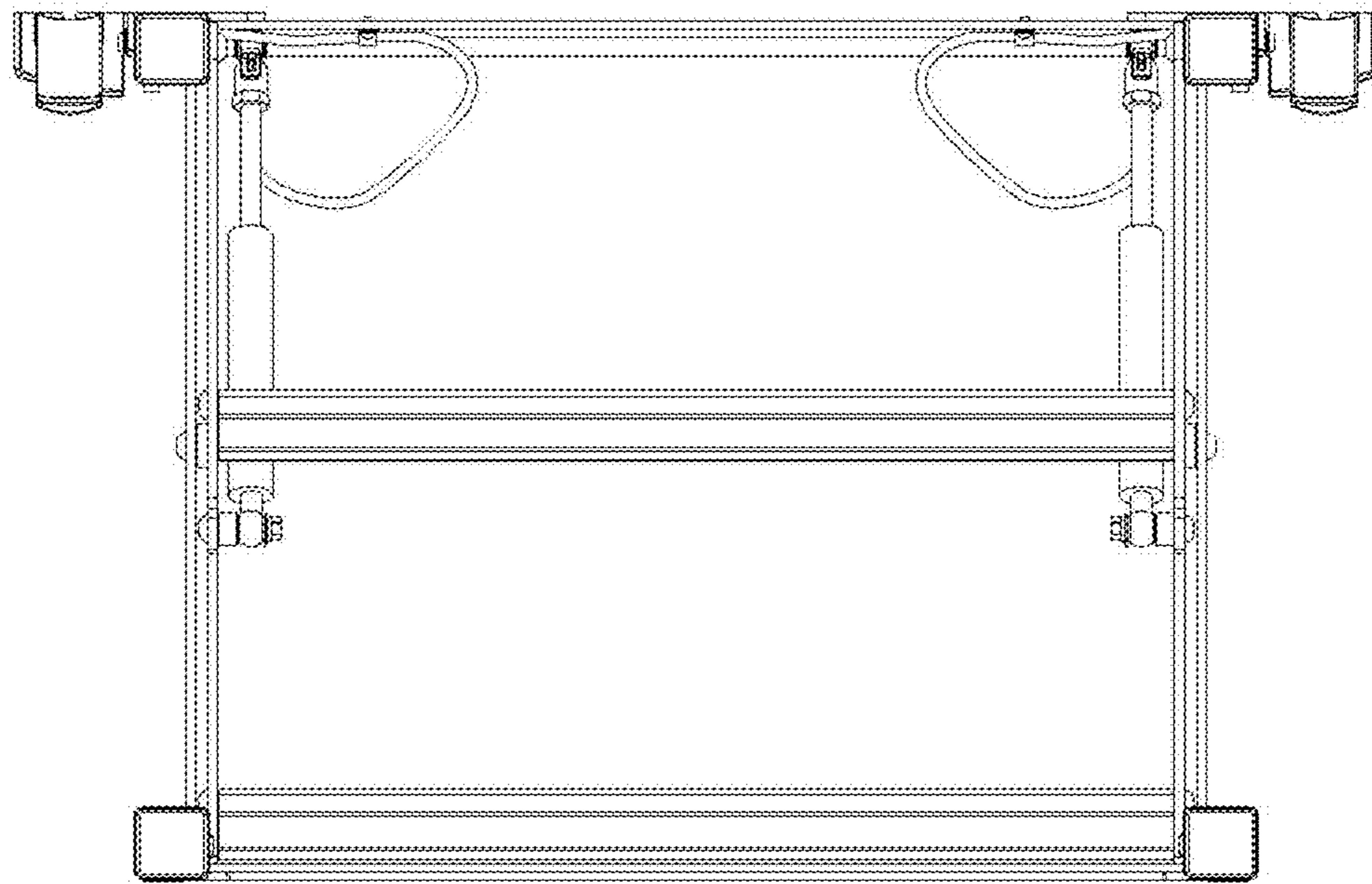


FIG. 3

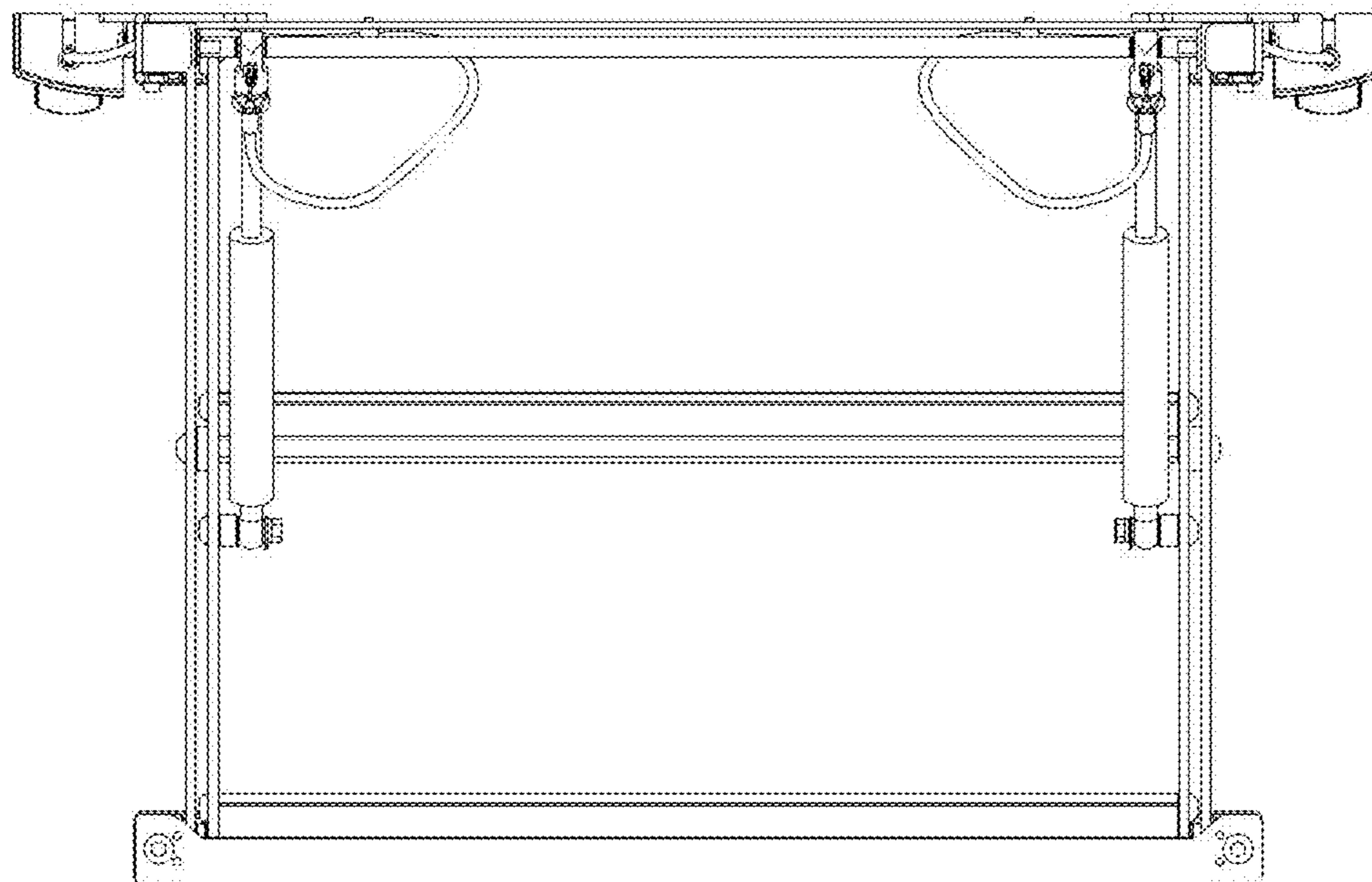


FIG. 4

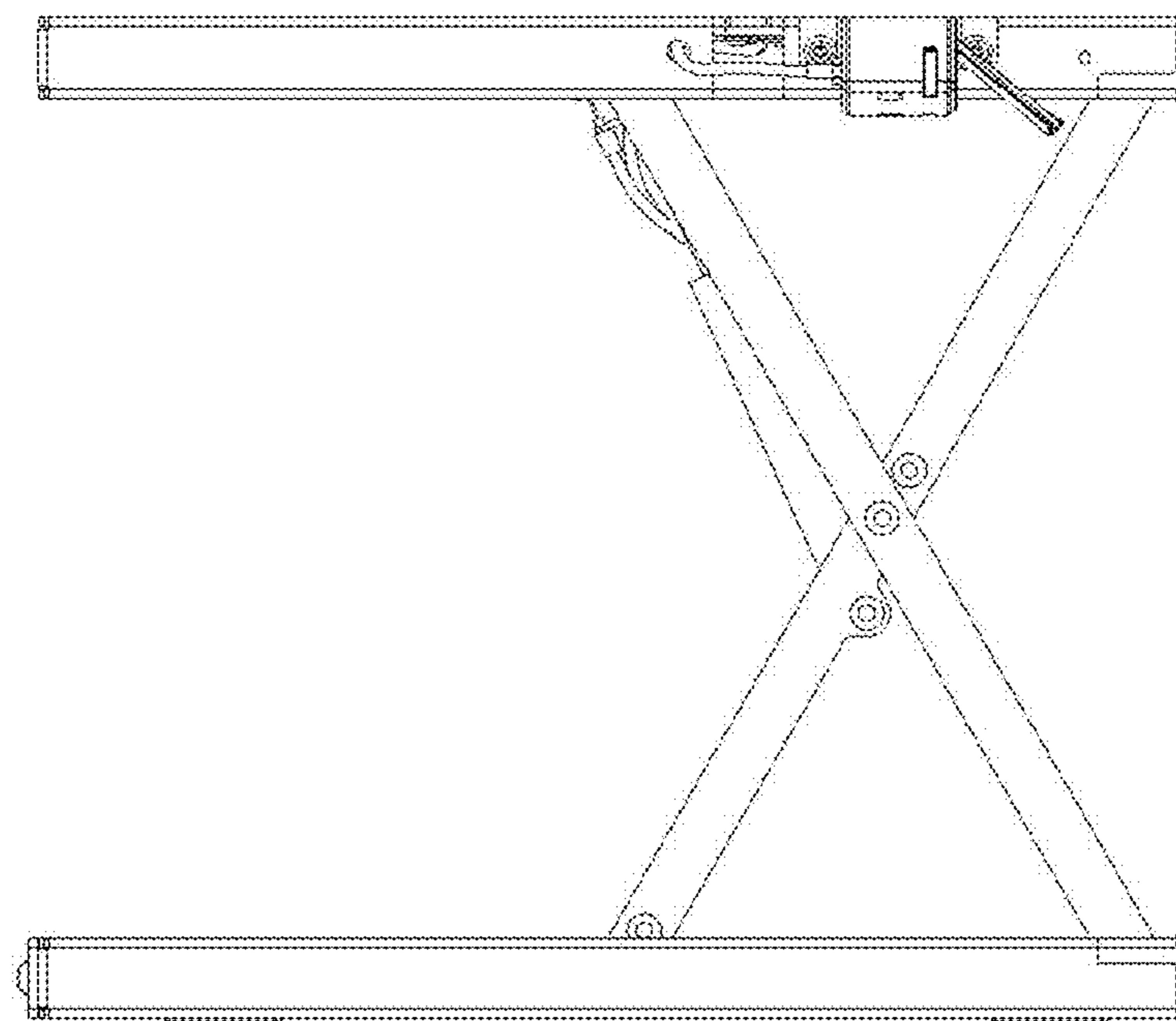


FIG. 5

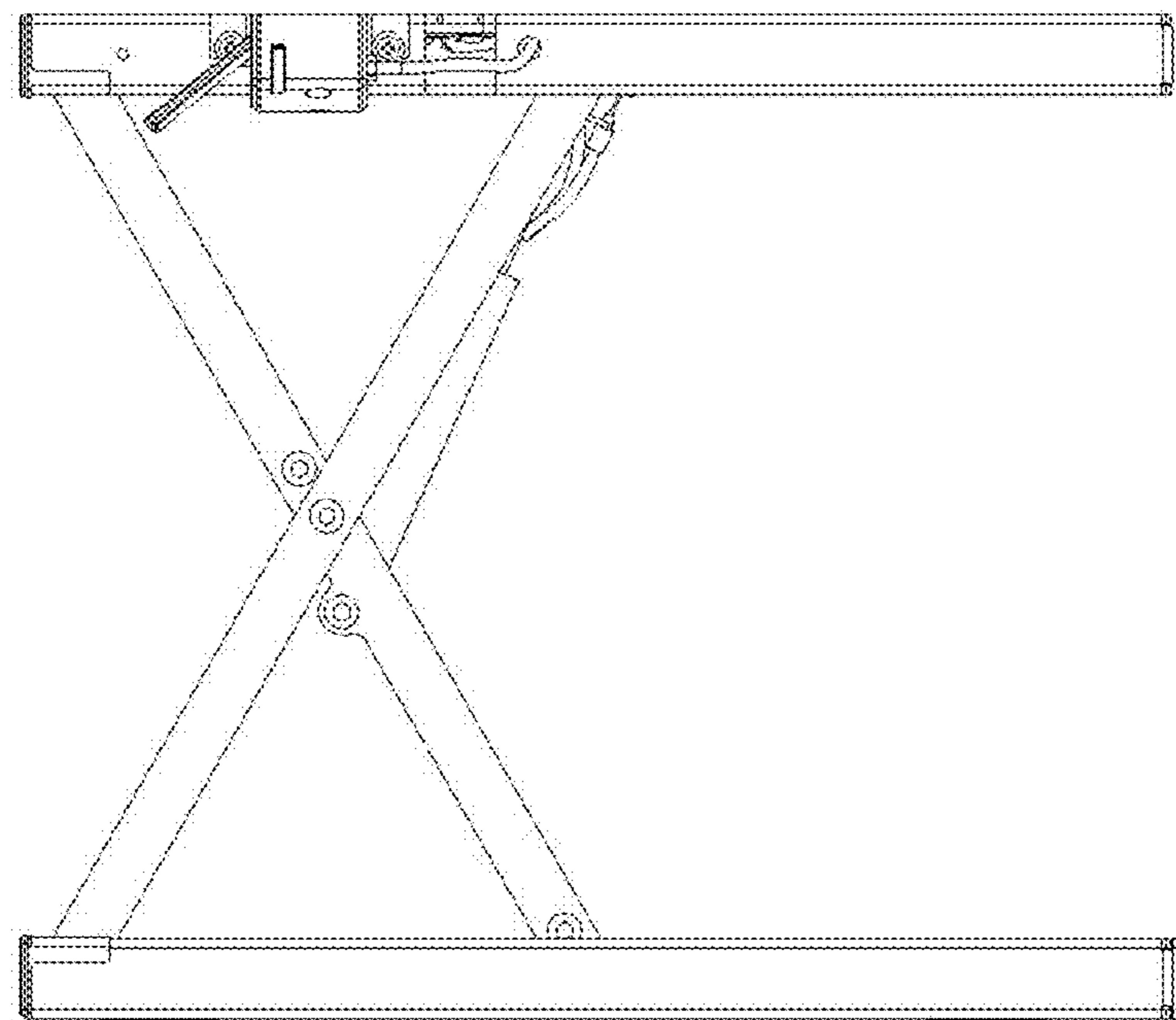


FIG. 6

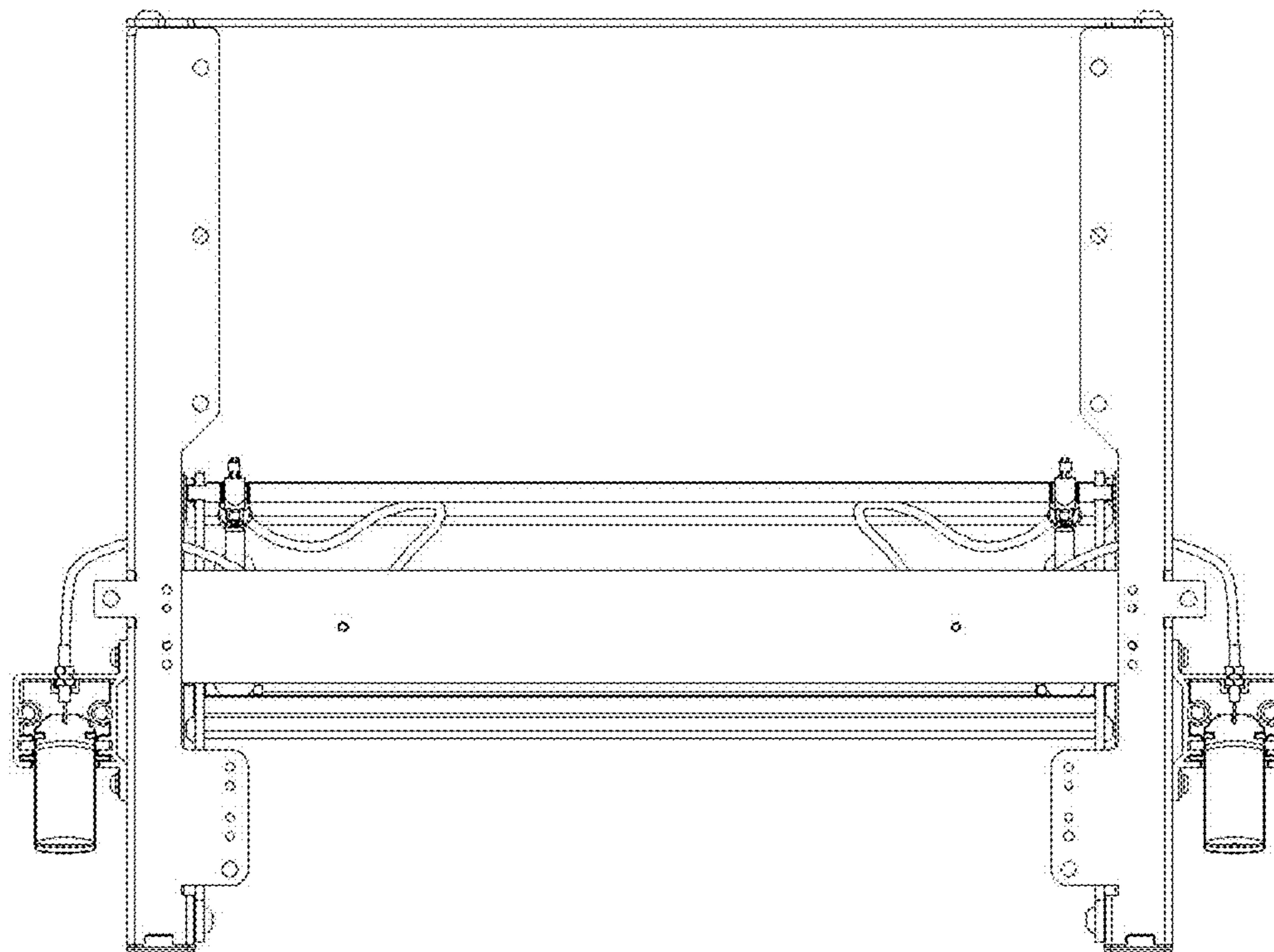


FIG. 7

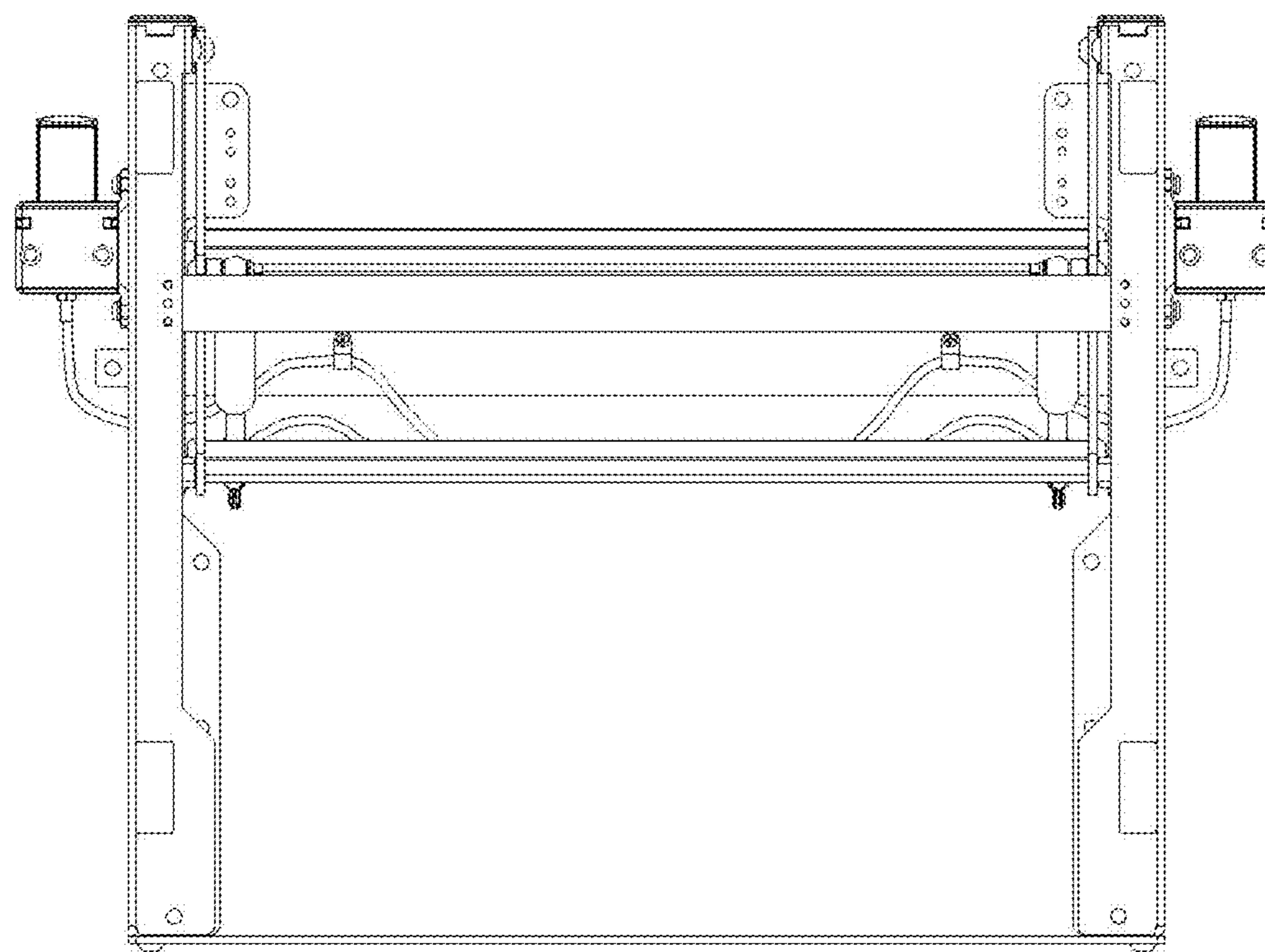


FIG. 8

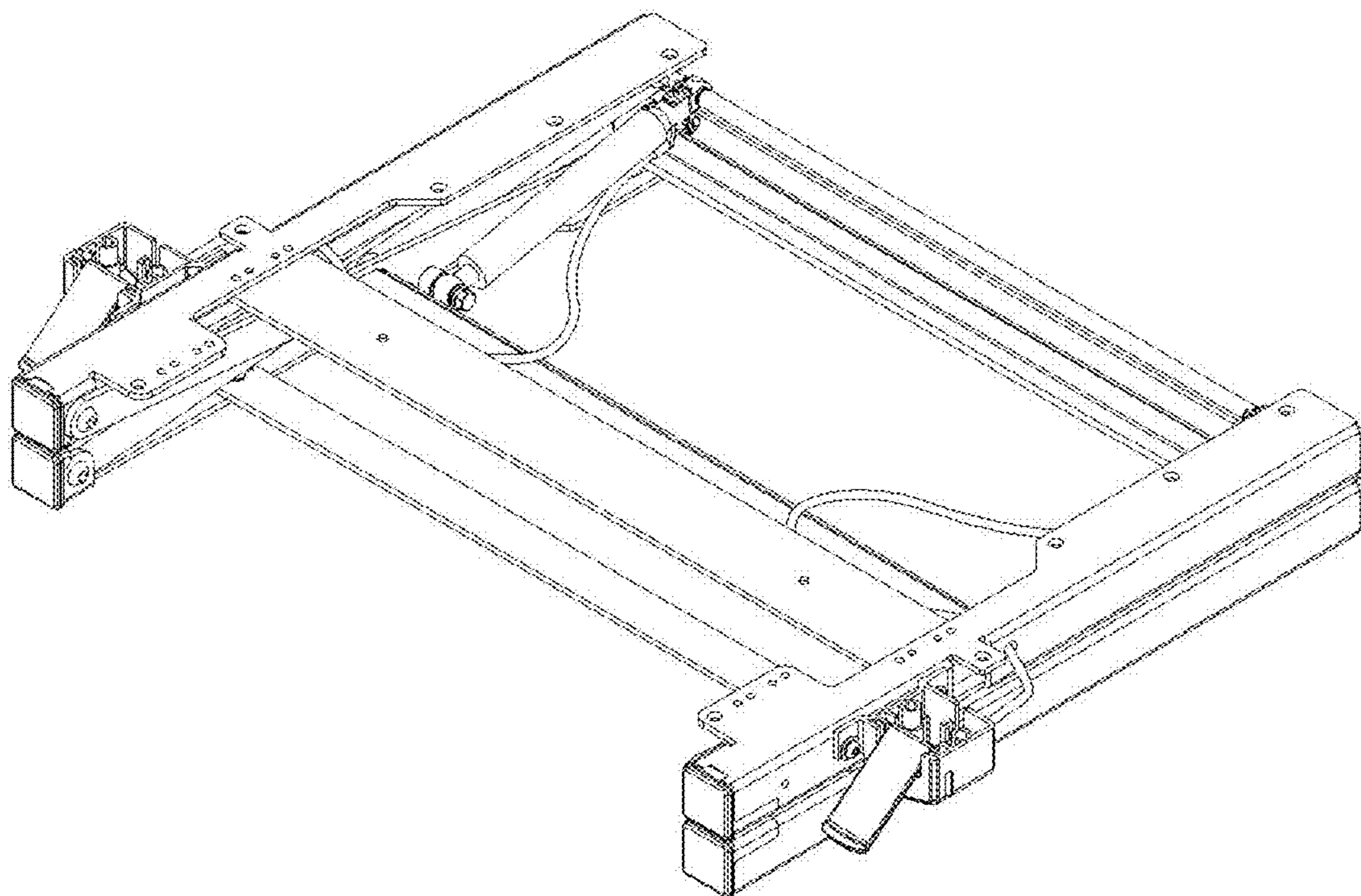


FIG. 9

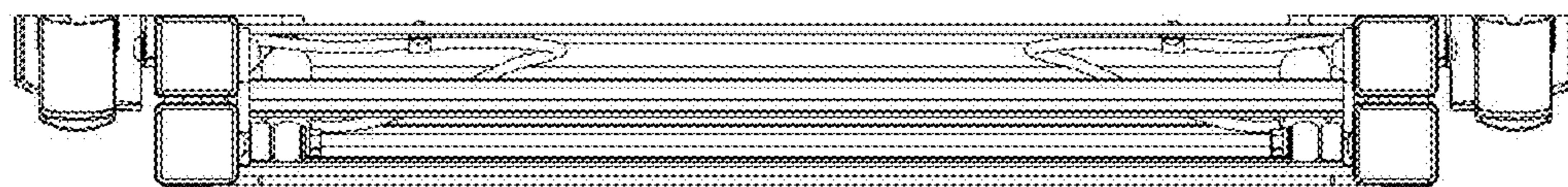


FIG. 10

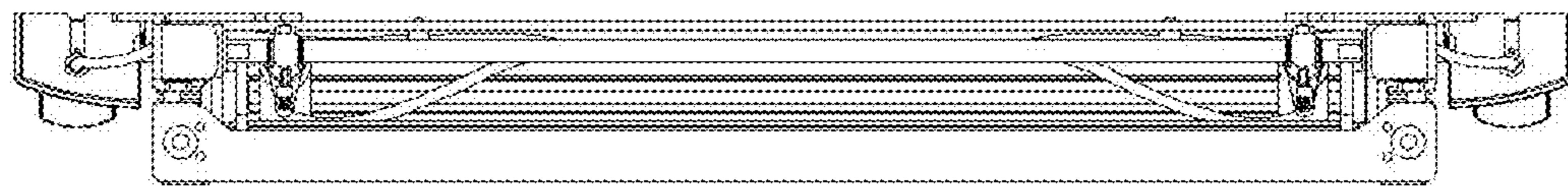


FIG. 11

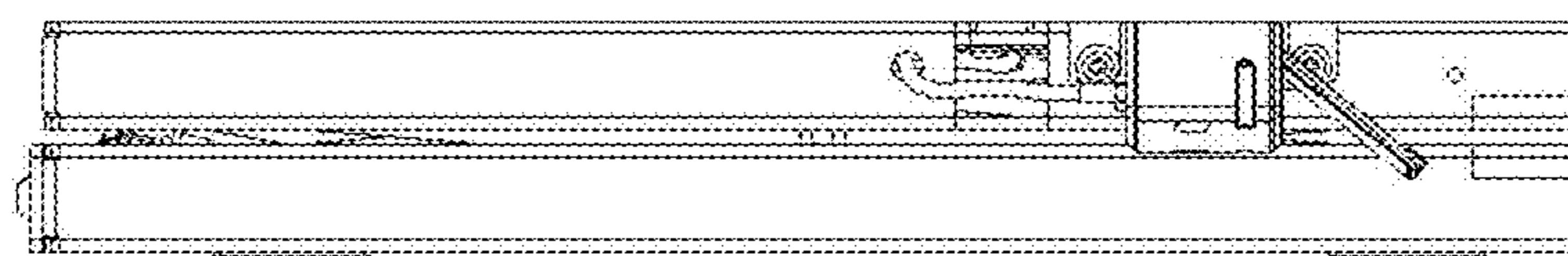


FIG. 12

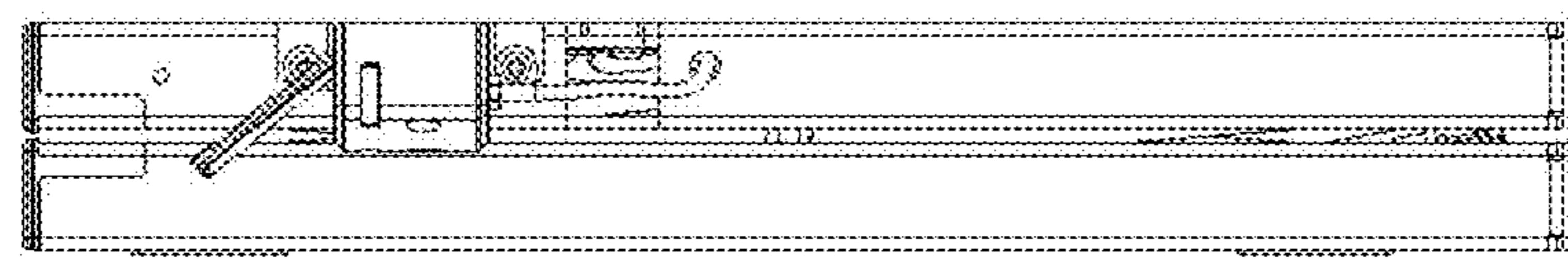


FIG. 13

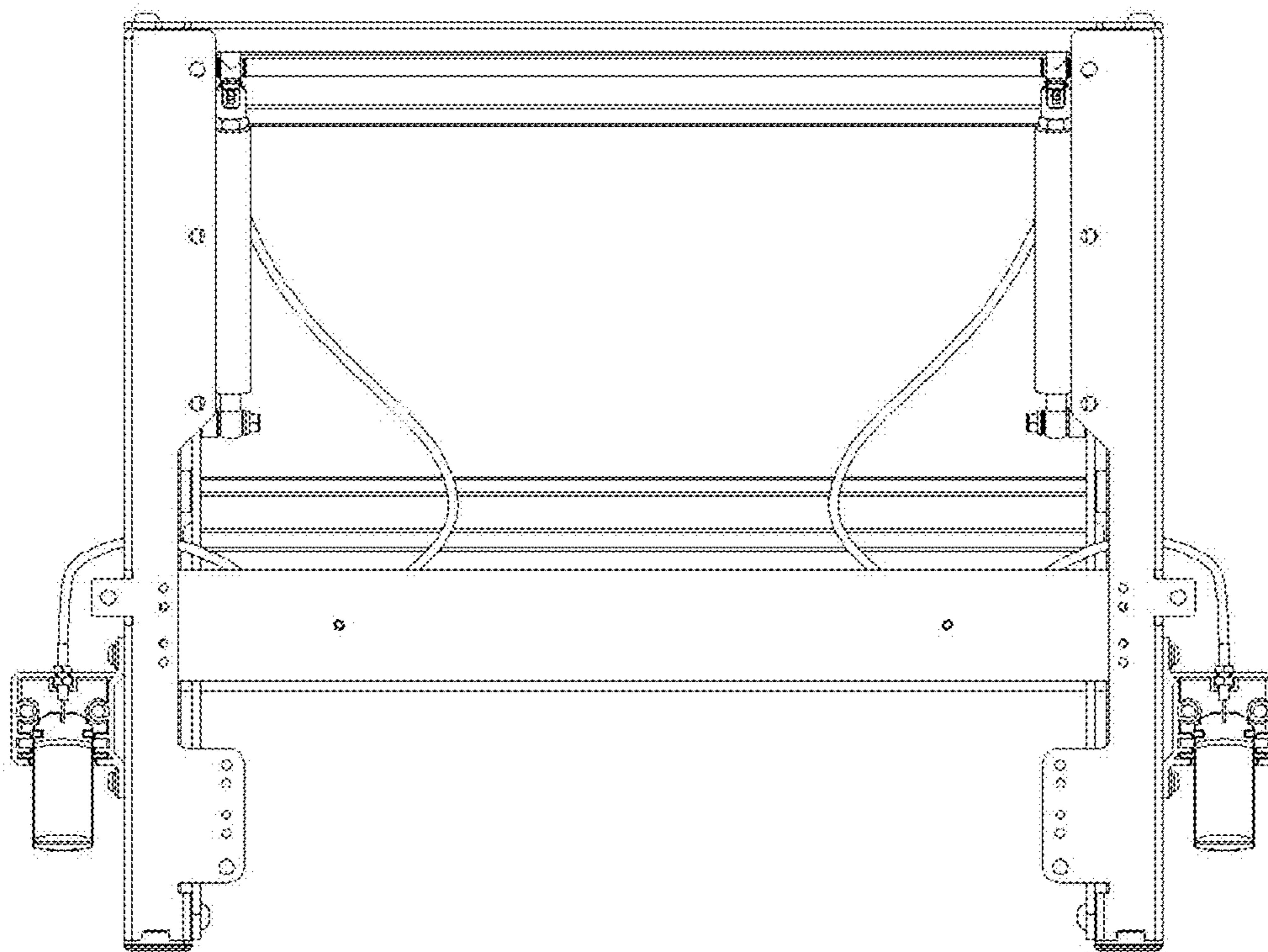


FIG. 14

