



US00D974506S

(12) **United States Design Patent** (10) **Patent No.:** **US D974,506 S**  
**Qi** (45) **Date of Patent:** **\*\* Jan. 3, 2023**

(54) **FITNESS EQUIPMENT**

(71) Applicant: **Kai Qi**, Haining (CN)

(72) Inventor: **Kai Qi**, Haining (CN)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/848,635**

(22) Filed: **Aug. 4, 2022**

(51) **LOC (14) Cl.** ..... **21-02**

(52) **U.S. Cl.**  
USPC ..... **D21/686; D21/673**

(58) **Field of Classification Search**  
USPC ..... D21/686, 690, 691, 694, 662, 673, 675,  
D21/676; 482/103, 104, 130, 133, 142,  
482/94, 97  
CPC ..... A63B 21/0628; A63B 21/078; A63B  
21/0783; A63B 21/154; A63B 21/156;  
A63B 23/1218  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,781,374 A *	11/1988	Lederman	.....	A63B 21/154 482/99
7,070,546 B1 *	7/2006	Grasso	.....	A63B 21/072 482/145
D550,791 S *	9/2007	Rogers	.....	D21/694
7,393,309 B2 *	7/2008	Webber	.....	A63B 21/0626 482/135
D574,451 S	8/2008	Muramatsu		
D581,995 S	12/2008	Muramatsu		
D723,638 S	3/2015	Zhu		

(Continued)

**OTHER PUBLICATIONS**

Er Kang by Er Kang dated Sep. 8, 2022. Found online [Nov. 2, 2022] <https://tinyurl.com/mrt7b9y7>.\*

(Continued)

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(74) *Attorney, Agent, or Firm* — Rumi Ranjit Kanakia

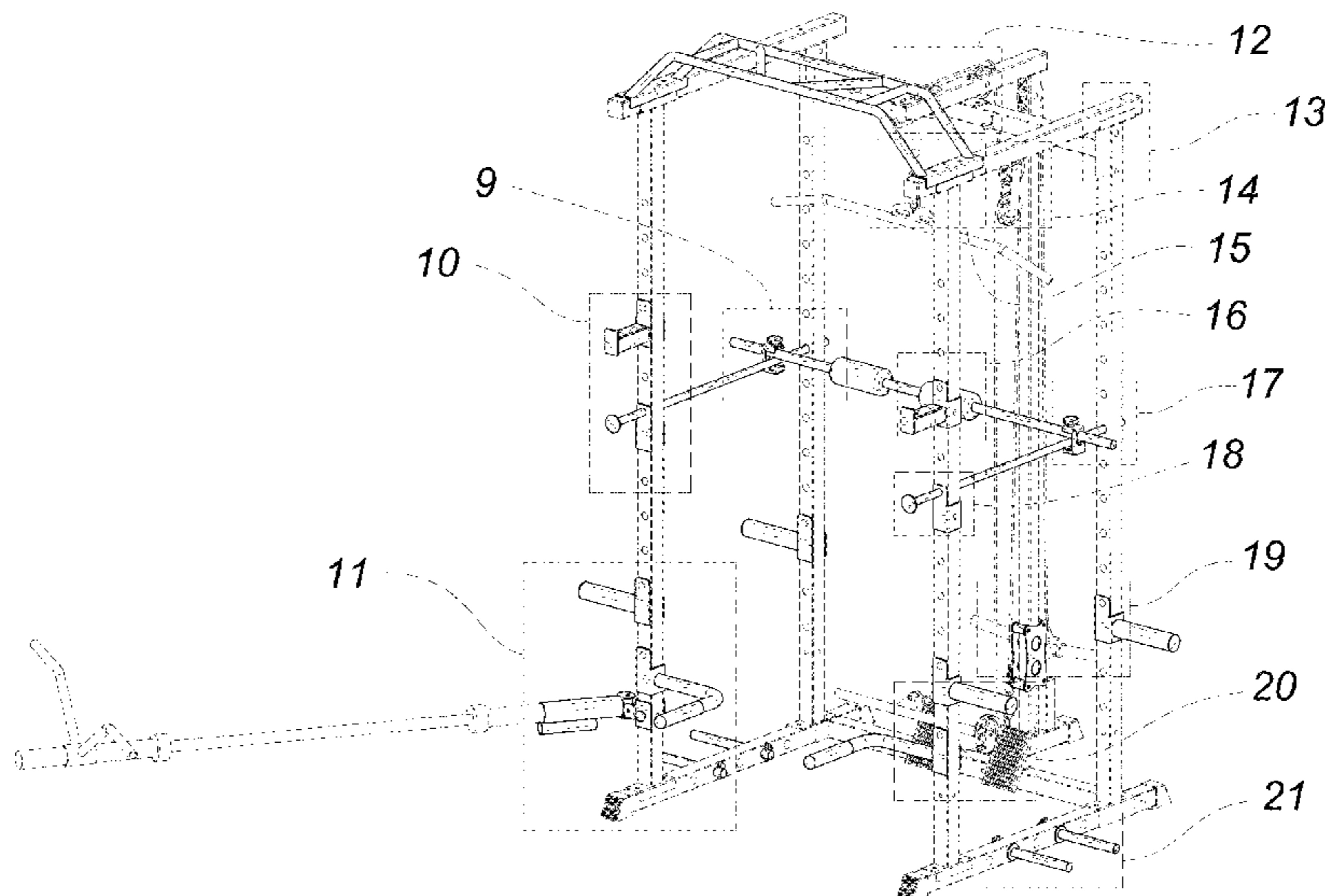
(57) **CLAIM**

The ornamental design for a fitness equipment, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a fitness equipment showing my new design;  
 FIG. 2 is another perspective view thereof;  
 FIG. 3 is a front elevational view thereof;  
 FIG. 4 is a rear elevational view thereof;  
 FIG. 5 is a left side view thereof;  
 FIG. 6 is a right side view thereof;  
 FIG. 7 is a top plan view thereof;  
 FIG. 8 is a bottom plan view thereof;  
 FIG. 9 is a partial enlarged view of FIG. 1;  
 FIG. 10 is a partial enlarged view of FIG. 1;  
 FIG. 11 is a partial enlarged view of FIG. 1;  
 FIG. 12 is a partial enlarged view of FIG. 1;  
 FIG. 13 is a partial enlarged view of FIG. 1;  
 FIG. 14 is a partial enlarged view of FIG. 1;  
 FIG. 15 is a partial enlarged view of FIG. 1;  
 FIG. 16 is a partial enlarged view of FIG. 1;  
 FIG. 17 is a partial enlarged view of FIG. 1;  
 FIG. 18 is a partial enlarged view of FIG. 1;  
 FIG. 19 is a partial enlarged view of FIG. 1;  
 FIG. 20 is a partial enlarged view of FIG. 1;  
 FIG. 21 is a partial enlarged view of FIG. 1;  
 FIG. 22 is a partial enlarged view of FIG. 2;  
 FIG. 23 is a partial enlarged view of FIG. 2;  
 FIG. 24 is a partial enlarged view of FIG. 2;  
 FIG. 25 is a partial enlarged view of FIG. 2;  
 FIG. 26 is a partial enlarged view of FIG. 2; and,  
 FIG. 27 is a partial enlarged view of FIG. 2.  
 The broken lines in the figures are for the purposes of illustrating portions of the fitness equipment, which form no part of the claimed design.

**1 Claim, 20 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D735,820 S \* 8/2015 Alenaddaf ..... D21/686  
 D735,821 S \* 8/2015 Alenaddaf ..... D21/686  
 9,421,414 B2 \* 8/2016 Floyd ..... A63B 21/078  
 D806,807 S 1/2018 Kang  
 D823,952 S 7/2018 Shulte  
 D852,906 S 7/2019 Zhu  
 D865,878 S 11/2019 Farinatti  
 D884,097 S \* 5/2020 Ameri ..... D21/694  
 D919,022 S 5/2021 Yang  
 D931,953 S 9/2021 Kuka  
 D931,958 S \* 9/2021 Pritchett ..... D21/694  
 11,110,313 B2 \* 9/2021 Gore ..... A63B 21/0783  
 D933,760 S 10/2021 Qiao  
 D941,407 S \* 1/2022 Kuka ..... D8/381  
 D956,151 S \* 6/2022 Ameri ..... D21/694  
 2007/0155595 A1 \* 7/2007 Rogers ..... A63B 21/08  
 482/97  
 2007/0155596 A1 \* 7/2007 Rogers ..... A63B 21/0615  
 482/97

2009/0105052 A1 \* 4/2009 Dalebout ..... A63B 21/06  
 482/133  
 2014/0087928 A1 \* 3/2014 Luedeka ..... A63B 21/4023  
 482/130  
 2014/0243174 A1 \* 8/2014 Alenaddaf ..... A63B 21/15  
 482/142  
 2019/0240525 A1 \* 8/2019 Leipheimer ..... A63B 21/0724  
 2019/0336812 A1 \* 11/2019 Leipheimer ..... A63B 23/03566

OTHER PUBLICATIONS

Fitness Equipment, Mikolo Power Cage with LAT Pulldown System, 1200LBS Capacity Power Rack, Multi-Functional Squat Rack with 13-Level Adjustable Height and J-Hooks, Dip Bars, T-Bar (2022 Version), amazon.com, May 26, 2022, [https://www.amazon.com/Mikolo-Pulldown-Multi-Functional-Adjustable-Version-Red/dp/BOB2D5MBZX/Yef=zg\\_bs\\_3408451\\_8/136-2114565-9336208?pd\\_rd\\_i=B09ZLM46KH&th=1](https://www.amazon.com/Mikolo-Pulldown-Multi-Functional-Adjustable-Version-Red/dp/BOB2D5MBZX/Yef=zg_bs_3408451_8/136-2114565-9336208?pd_rd_i=B09ZLM46KH&th=1) (Last accessed: Aug. 4, 2022).

\* cited by examiner

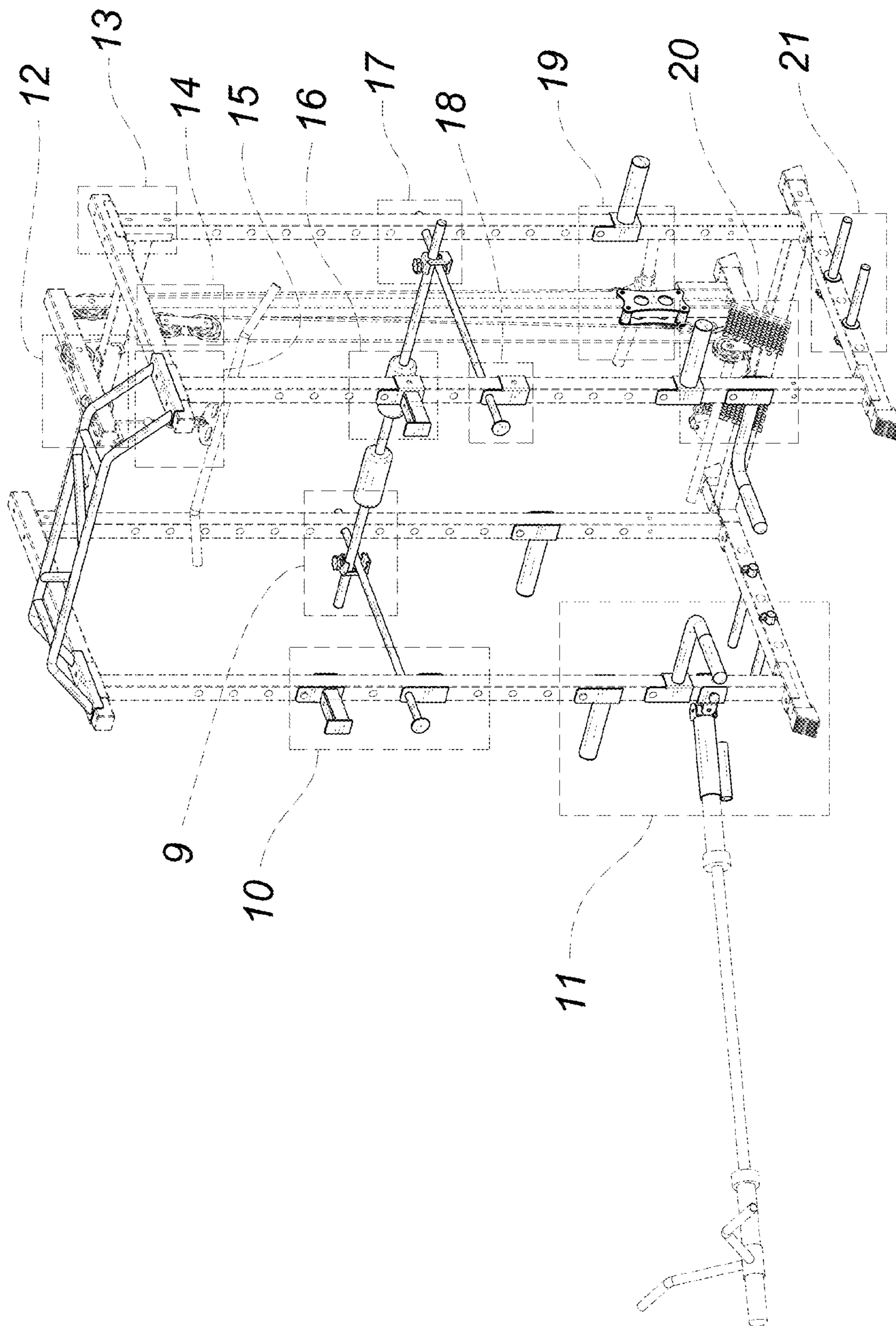


FIG. 1

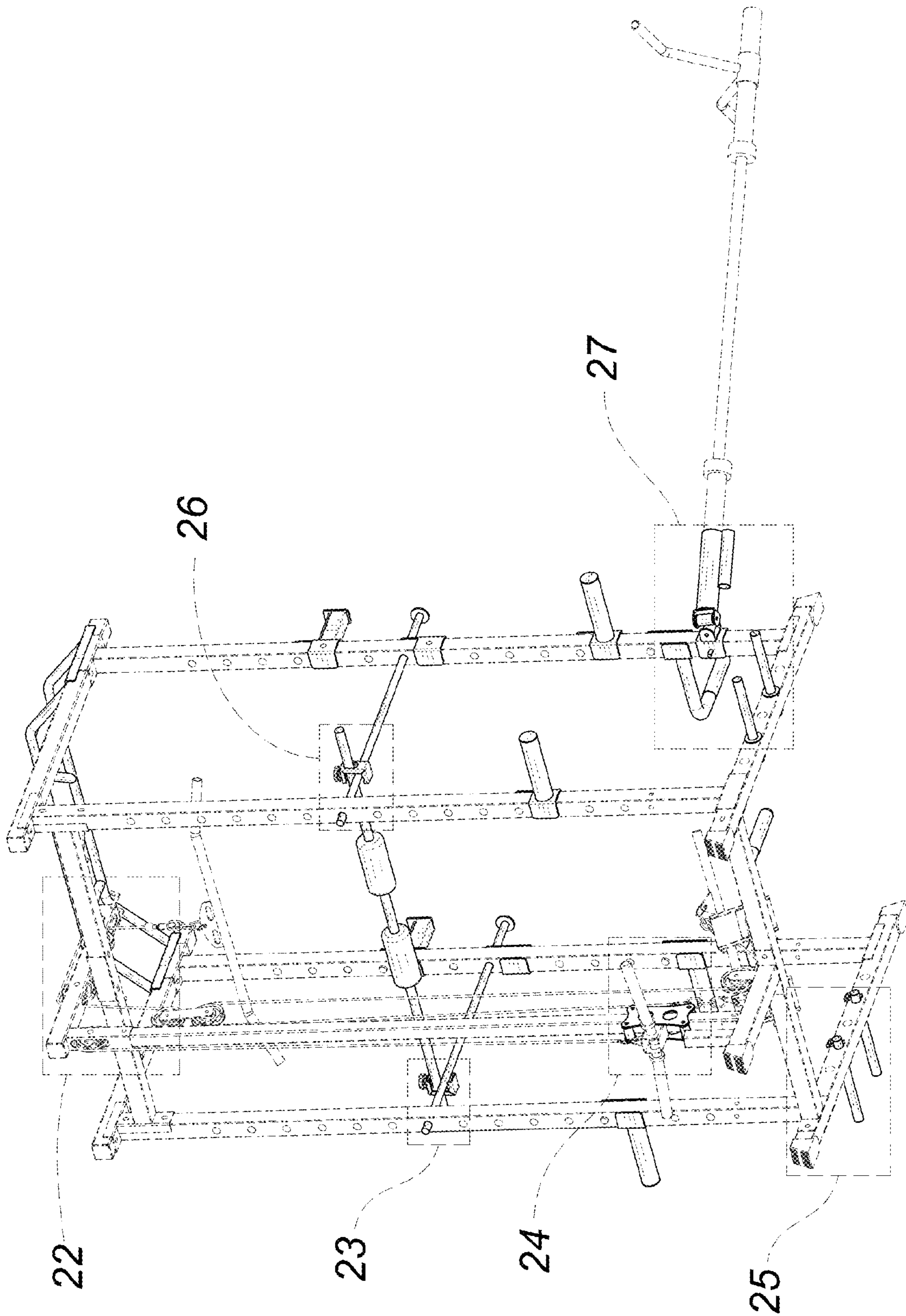


FIG. 2

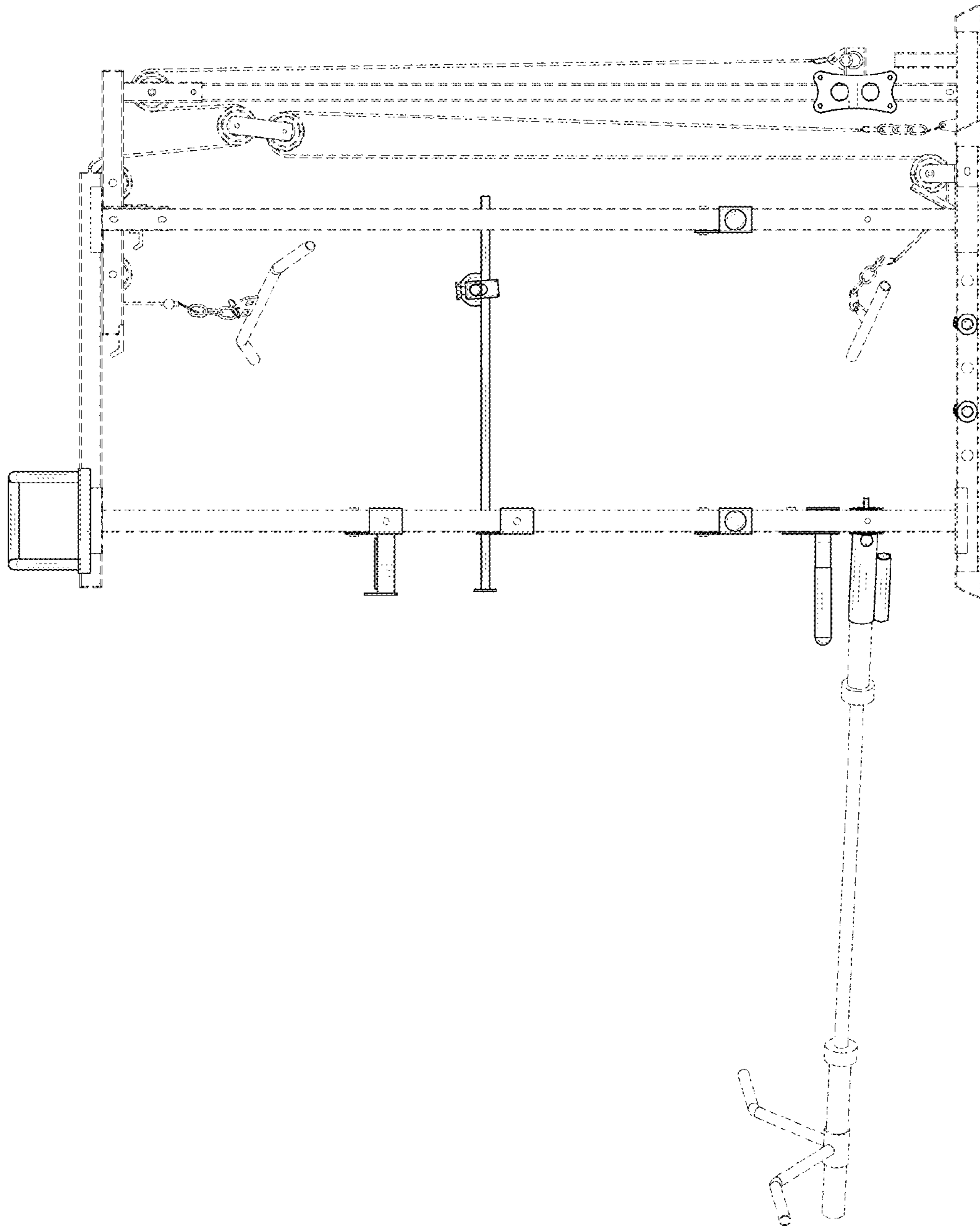


FIG. 3

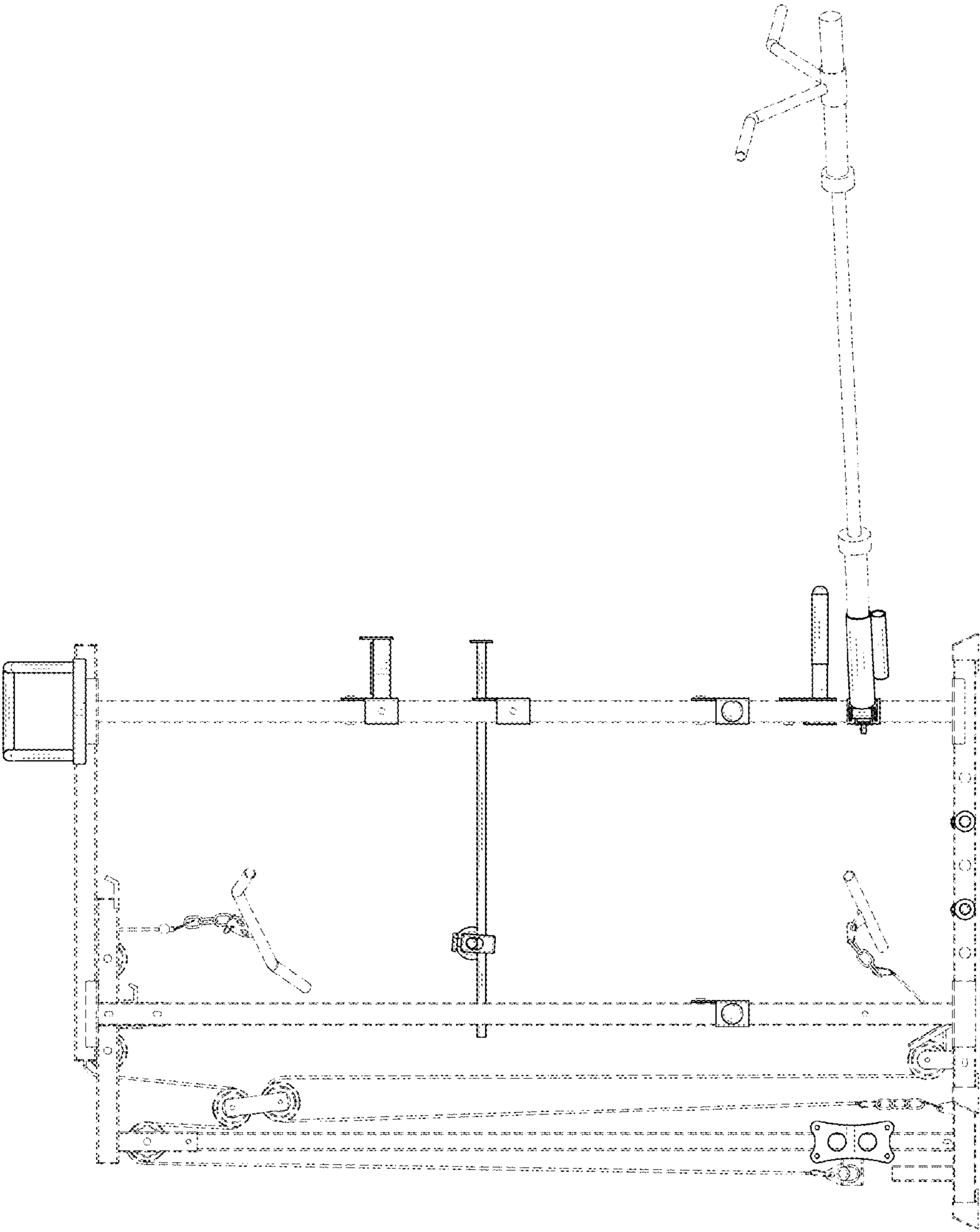


FIG. 4

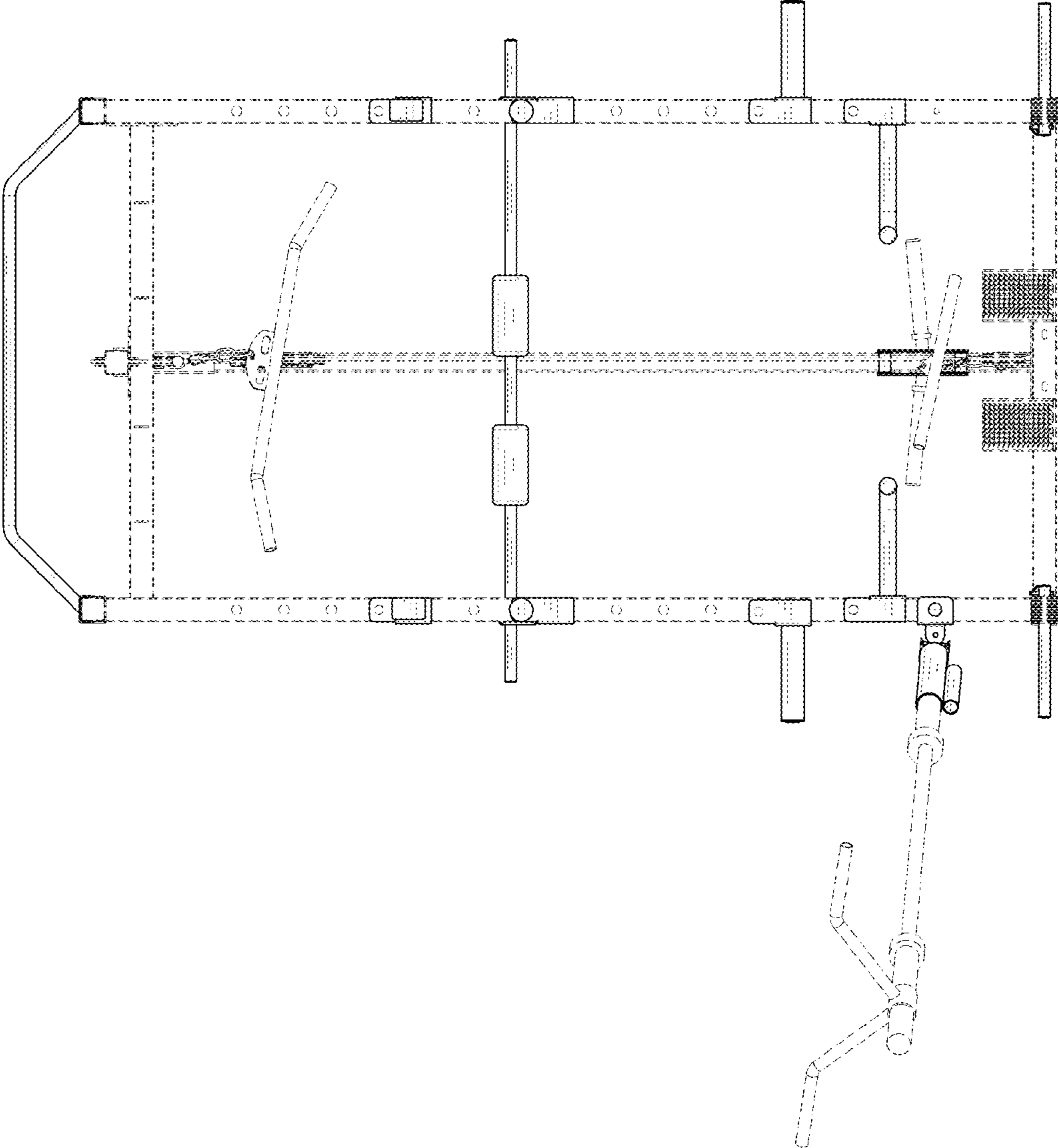


FIG. 5

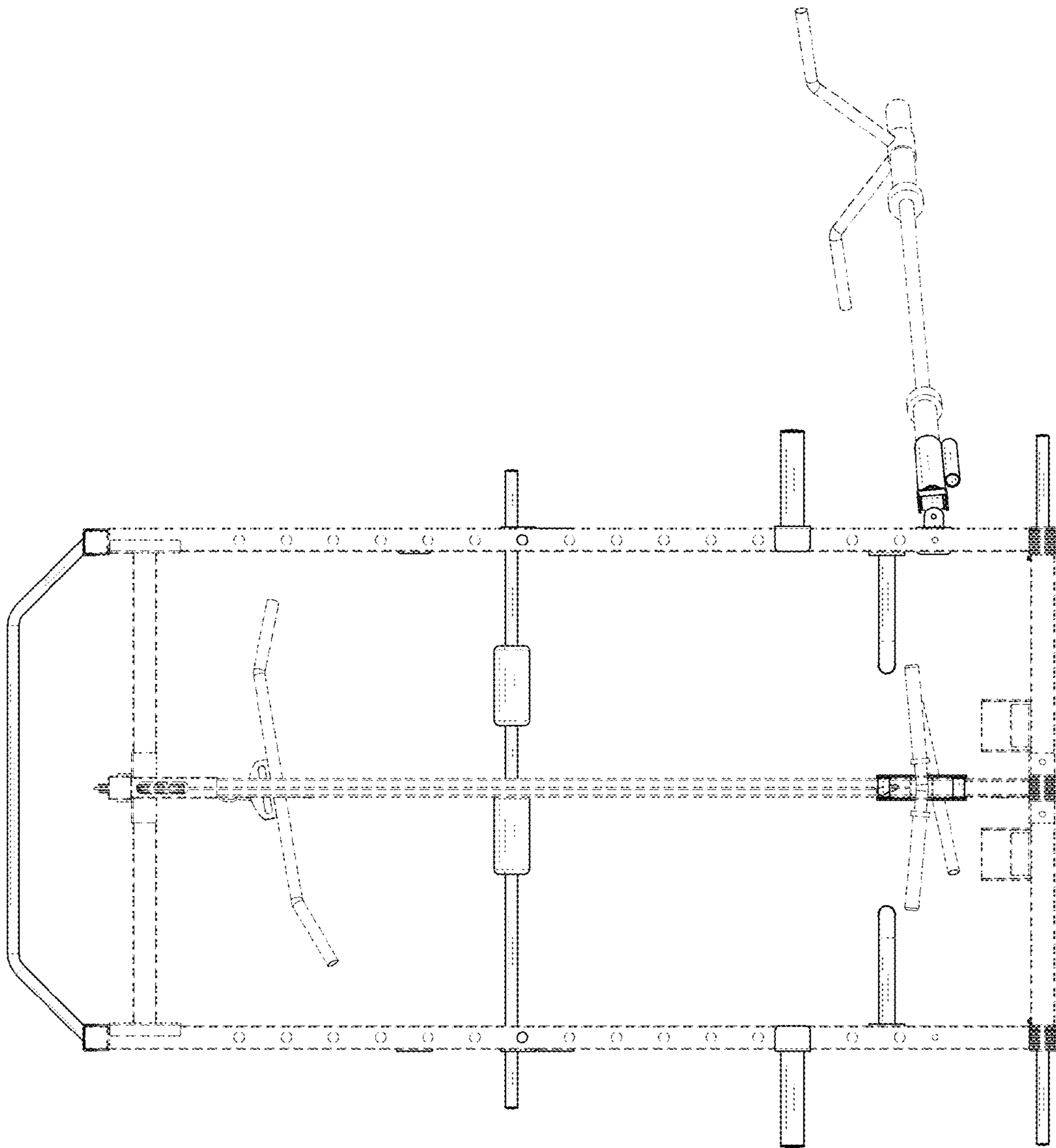


FIG. 6



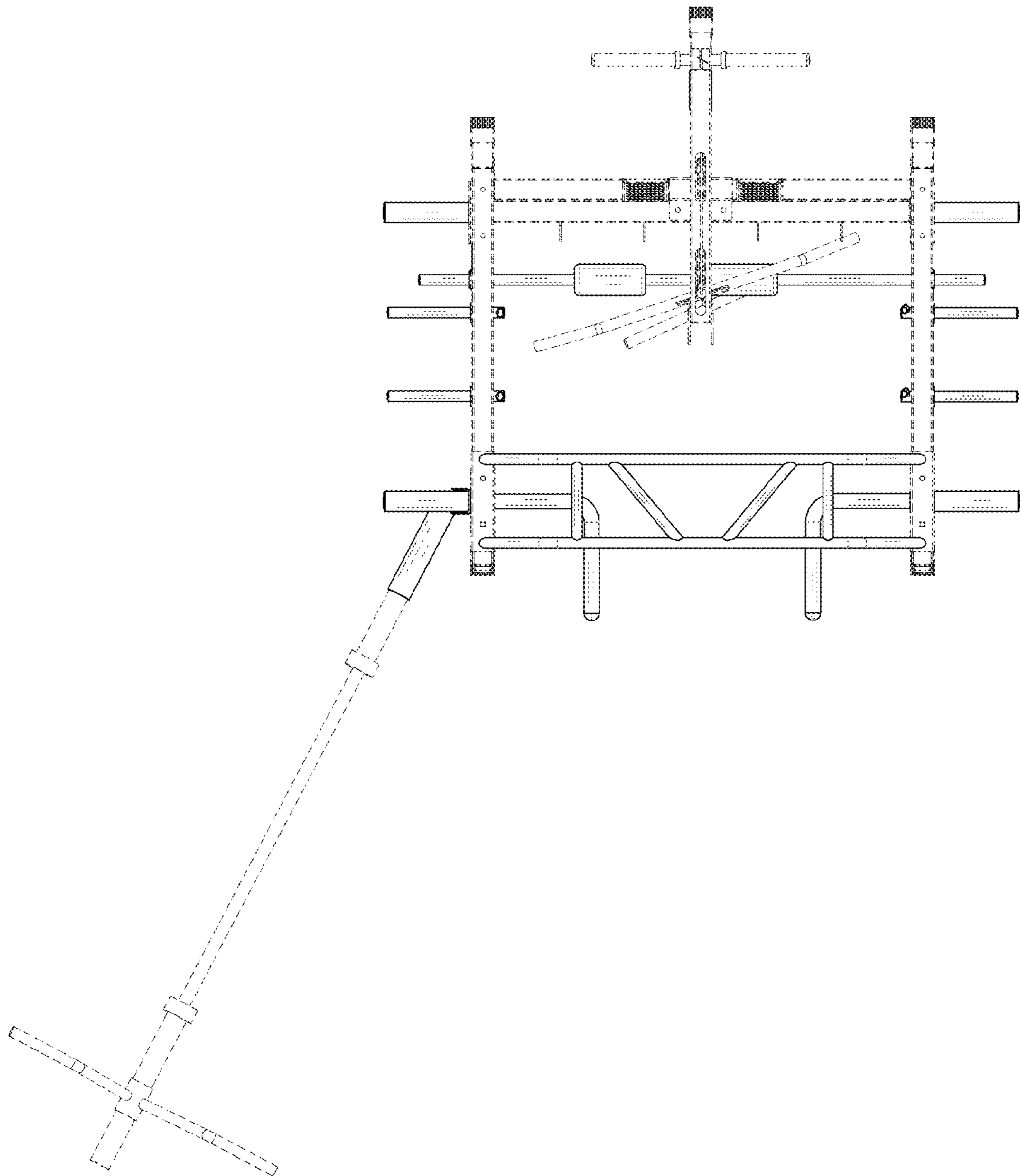


FIG. 7

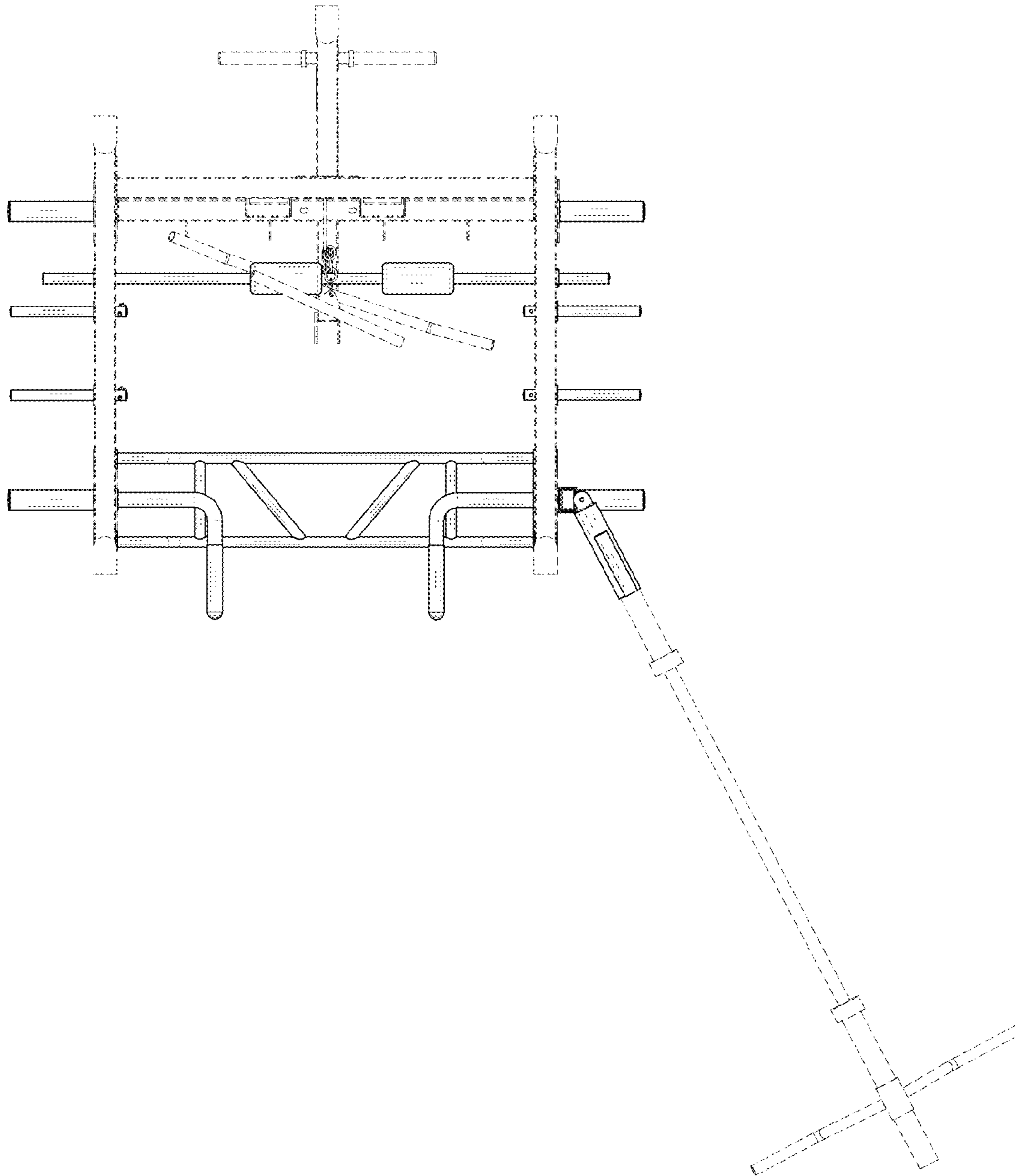


FIG. 8

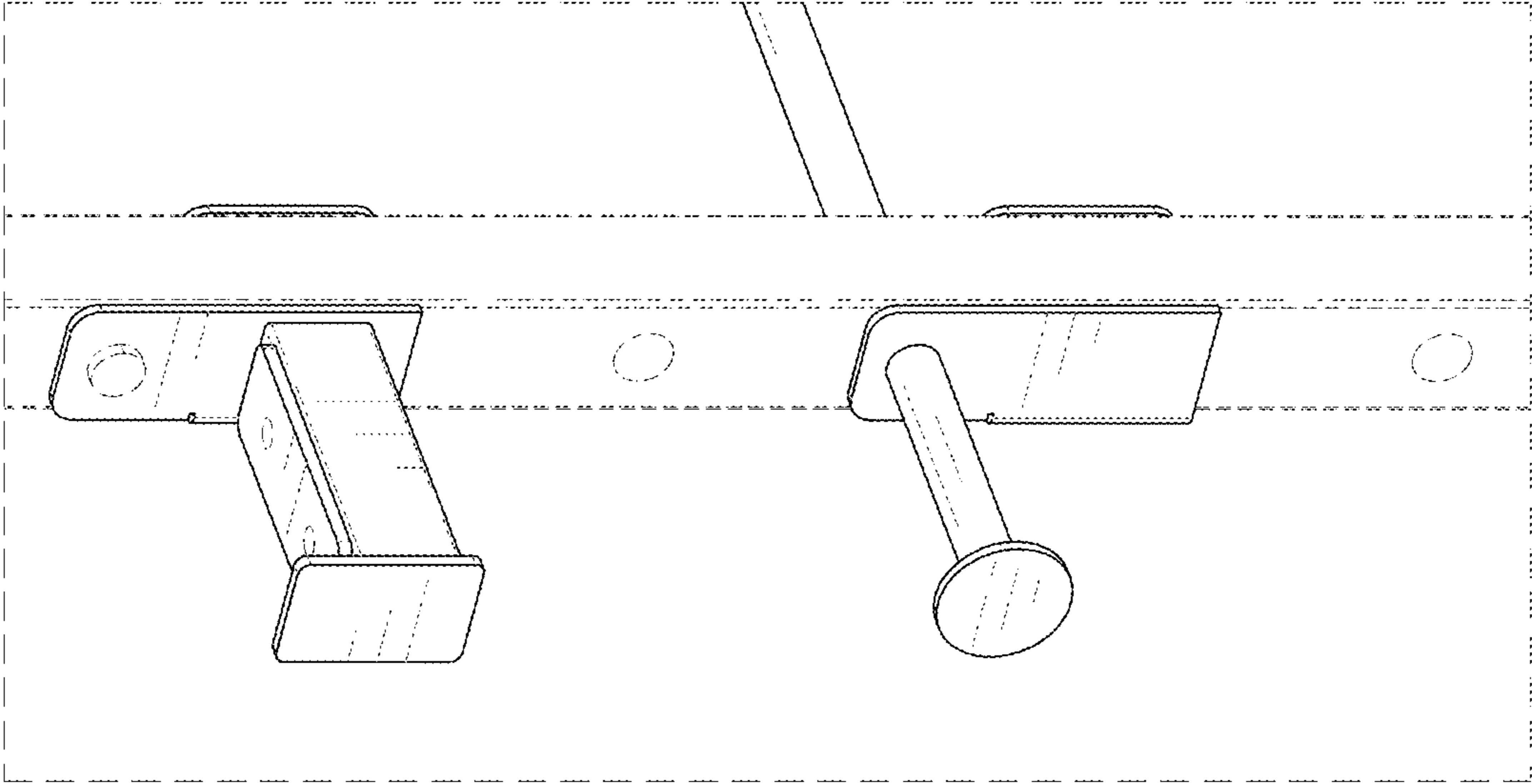


FIG. 10

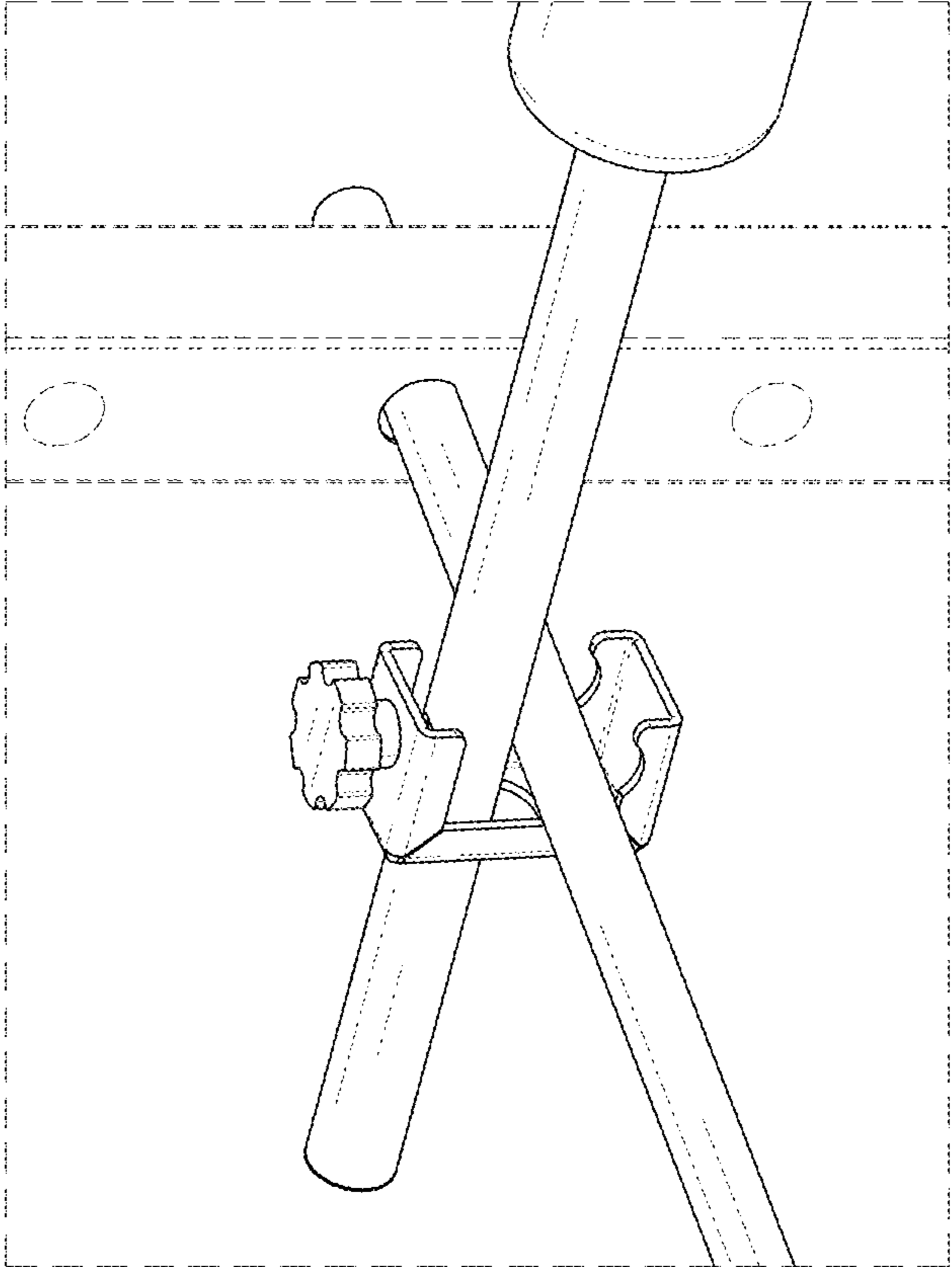


FIG. 9

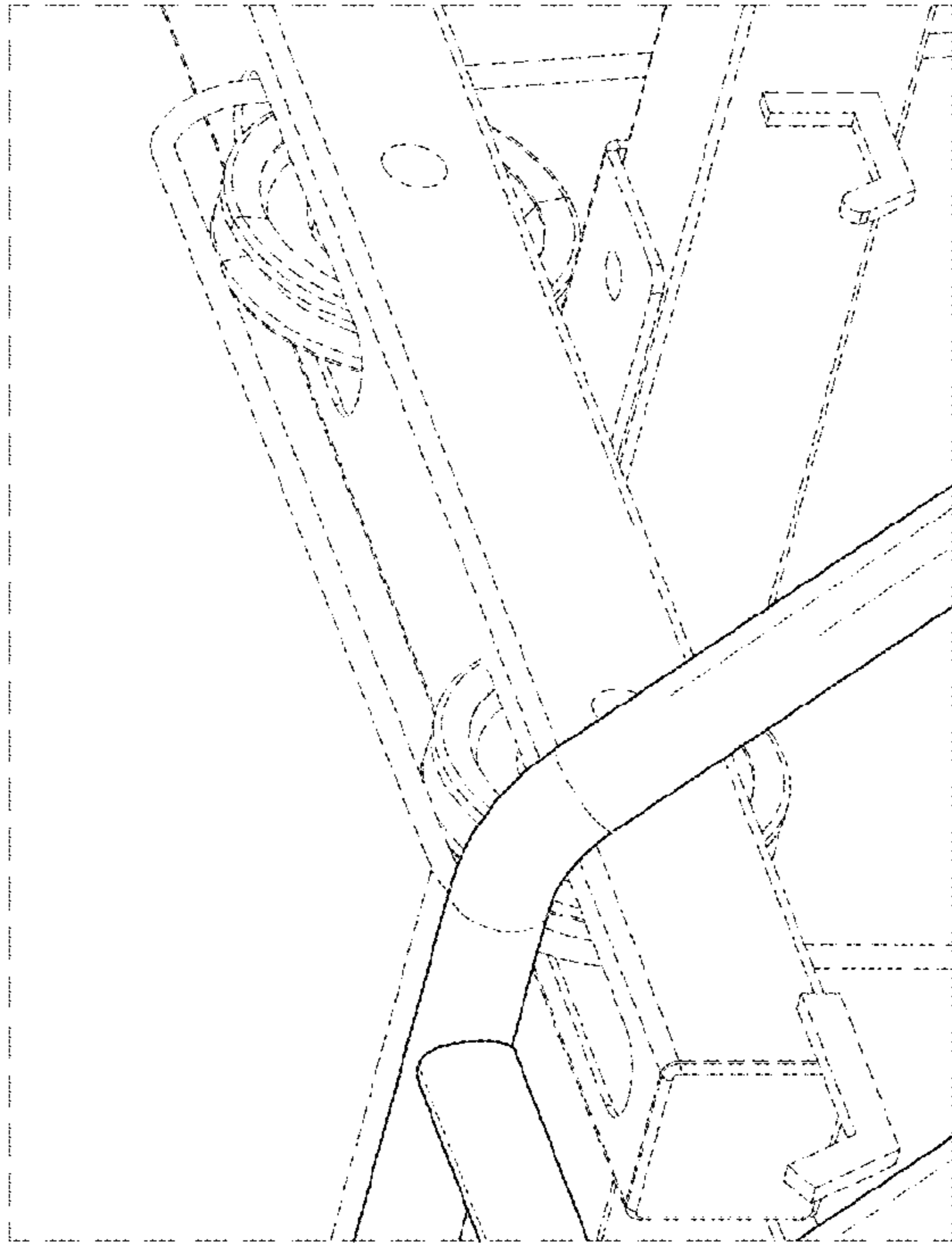


FIG. 12

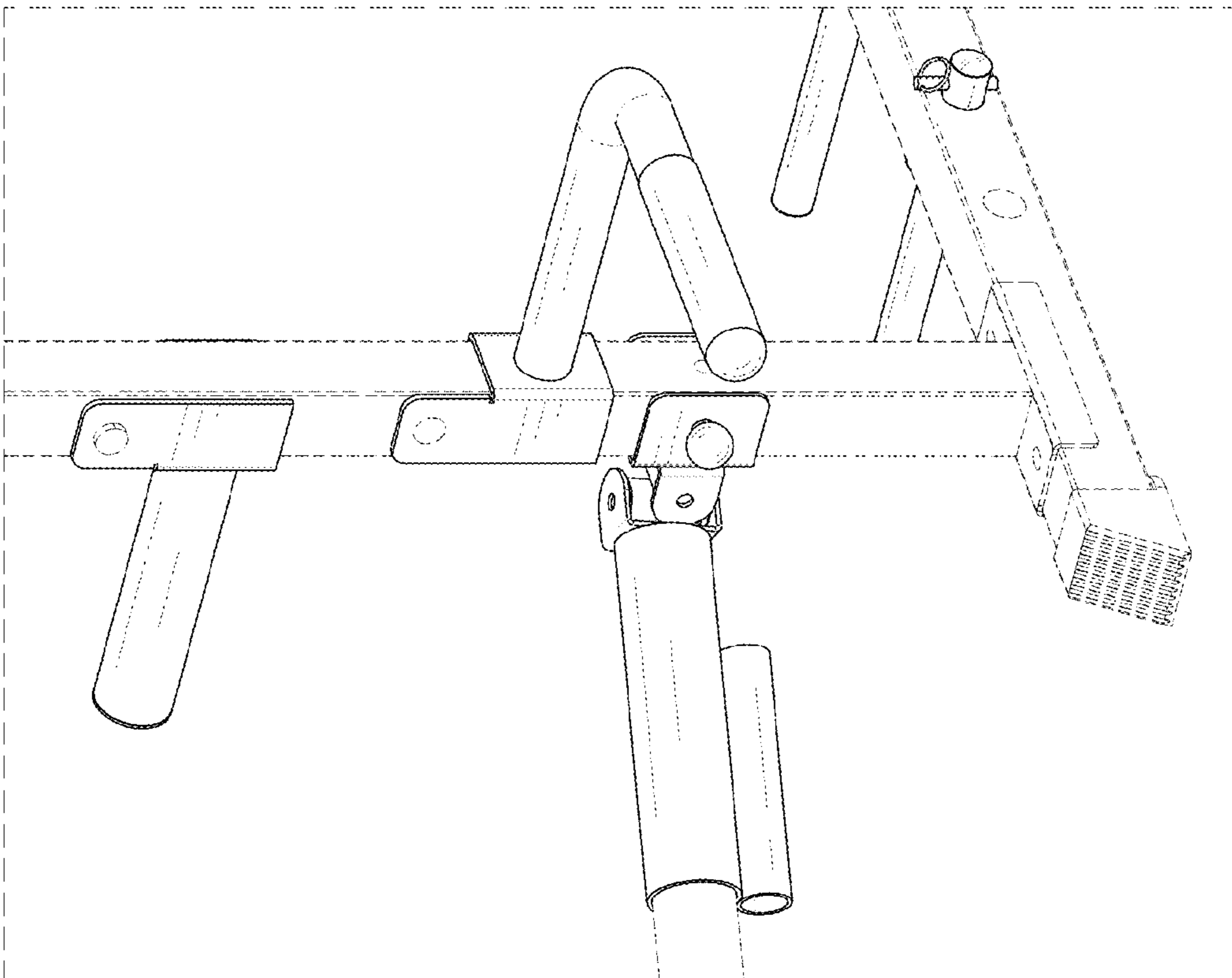


FIG. 11

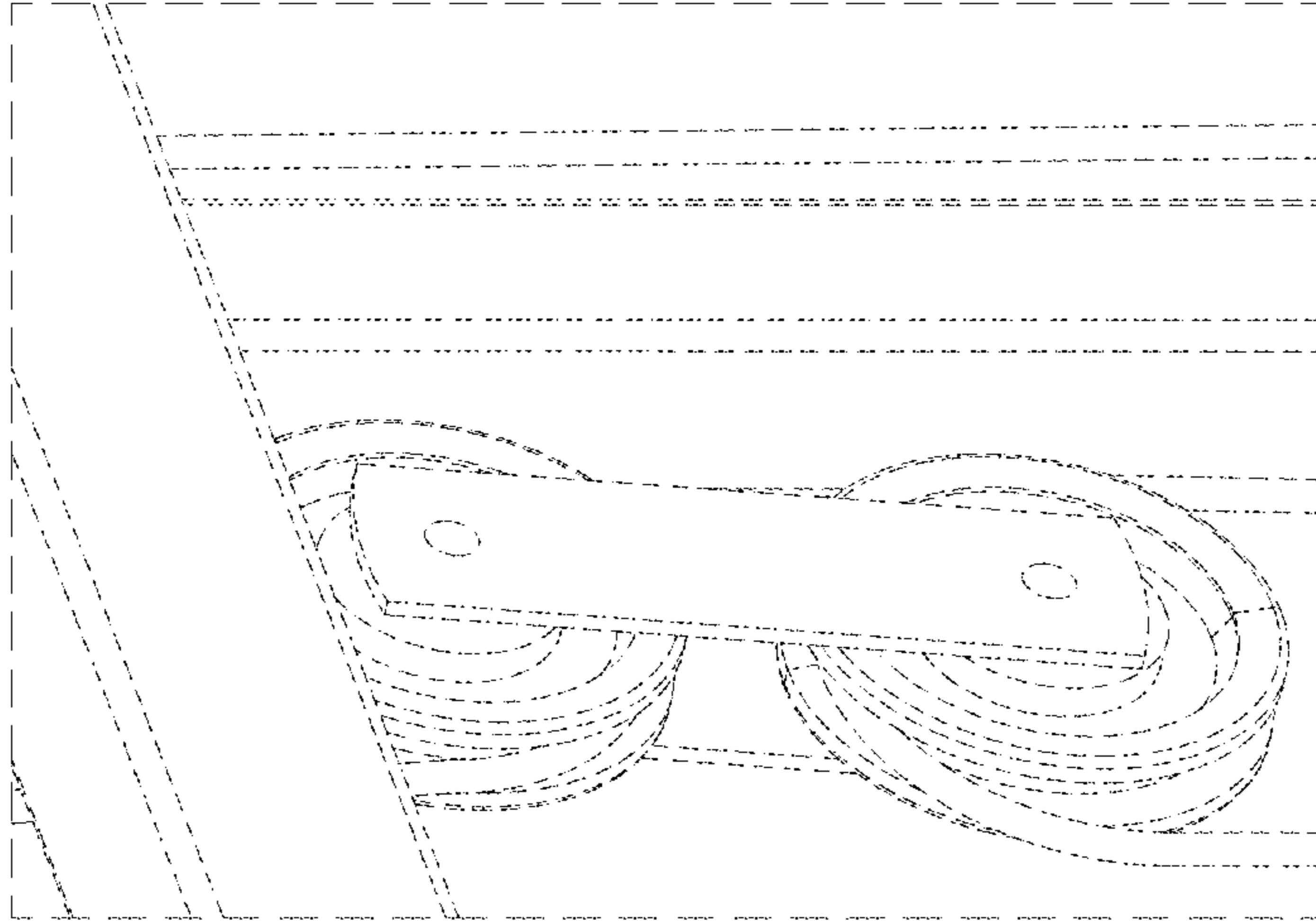


FIG. 14

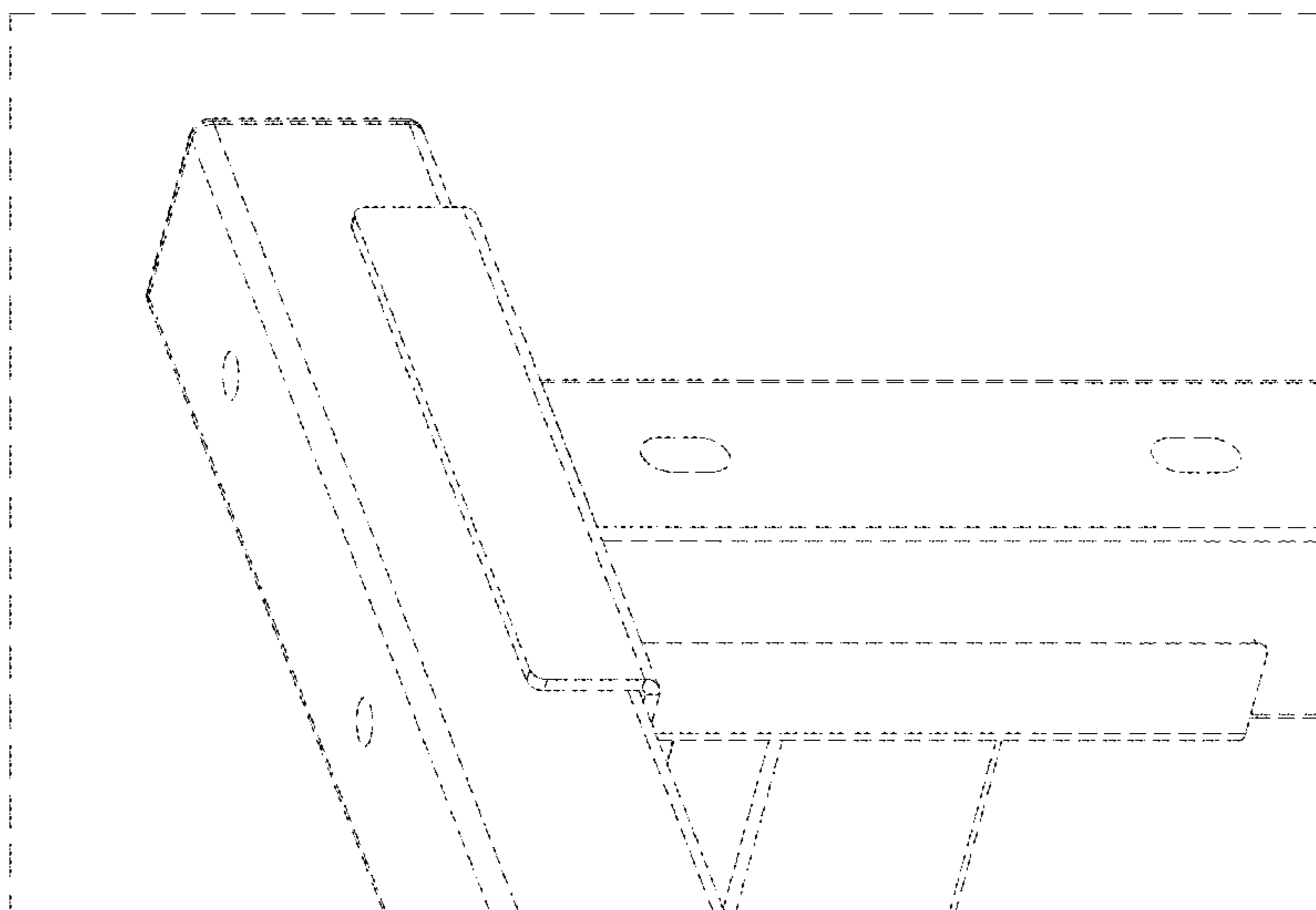


FIG. 13

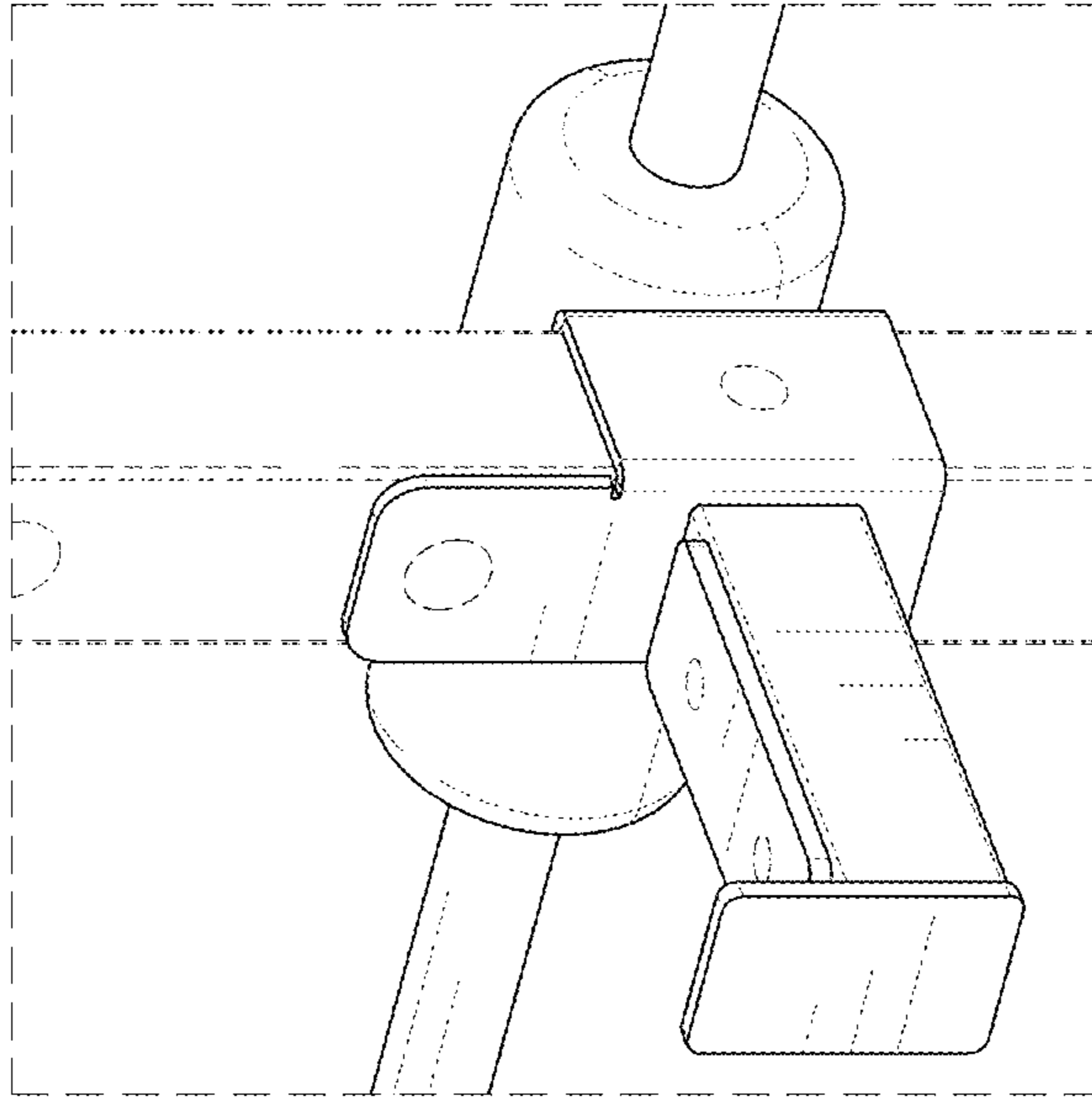


FIG. 16

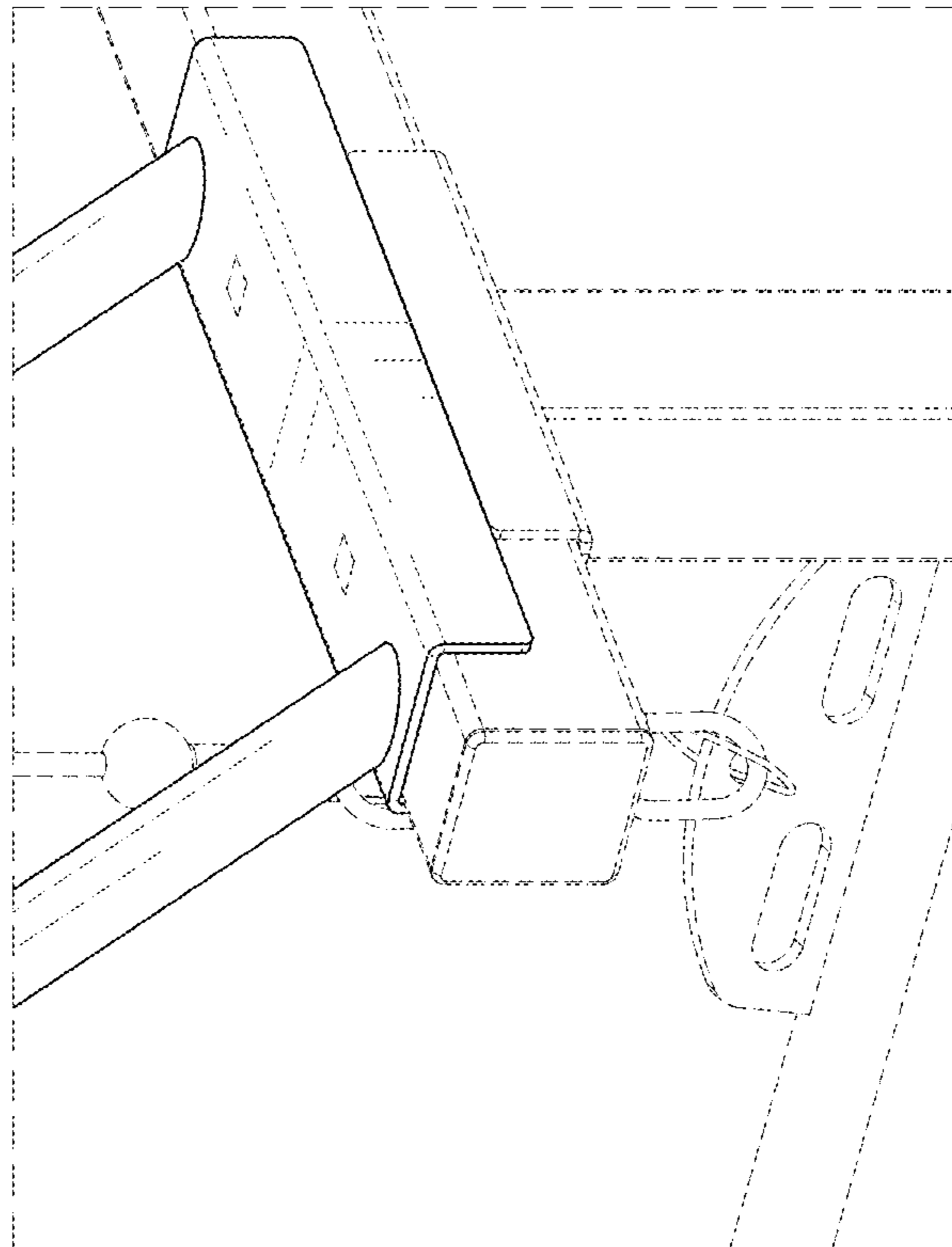


FIG. 15

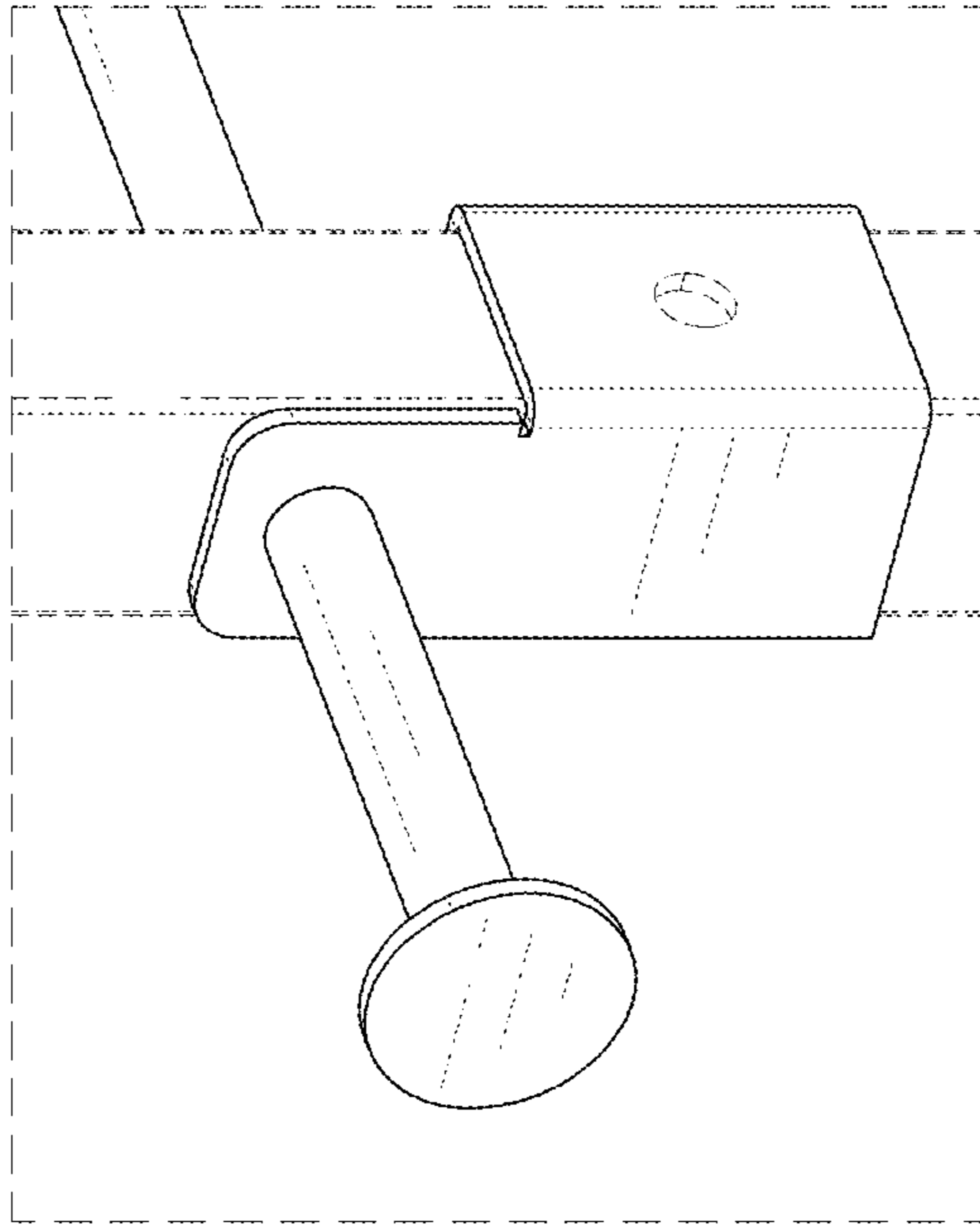


FIG. 18

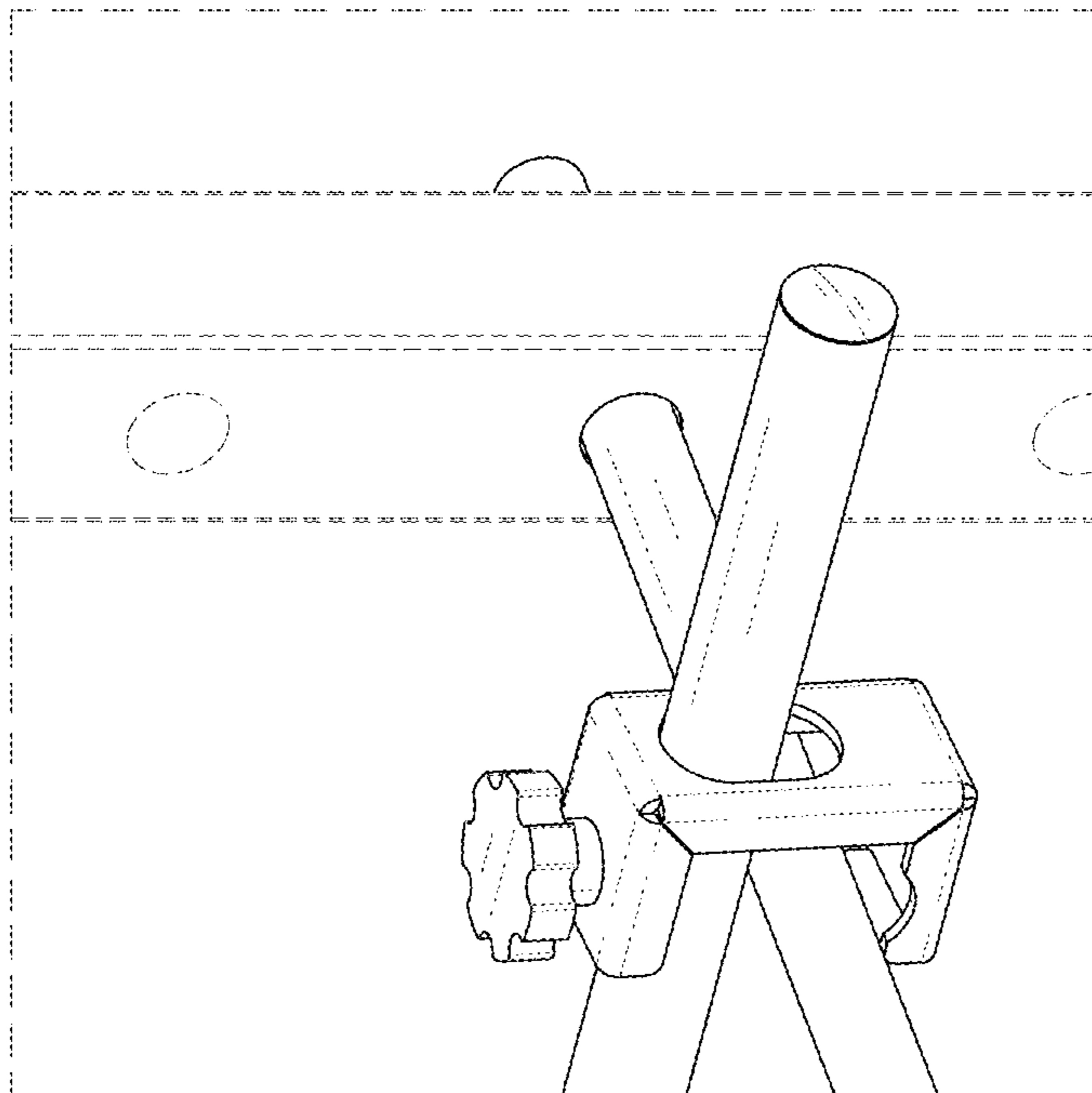


FIG. 17

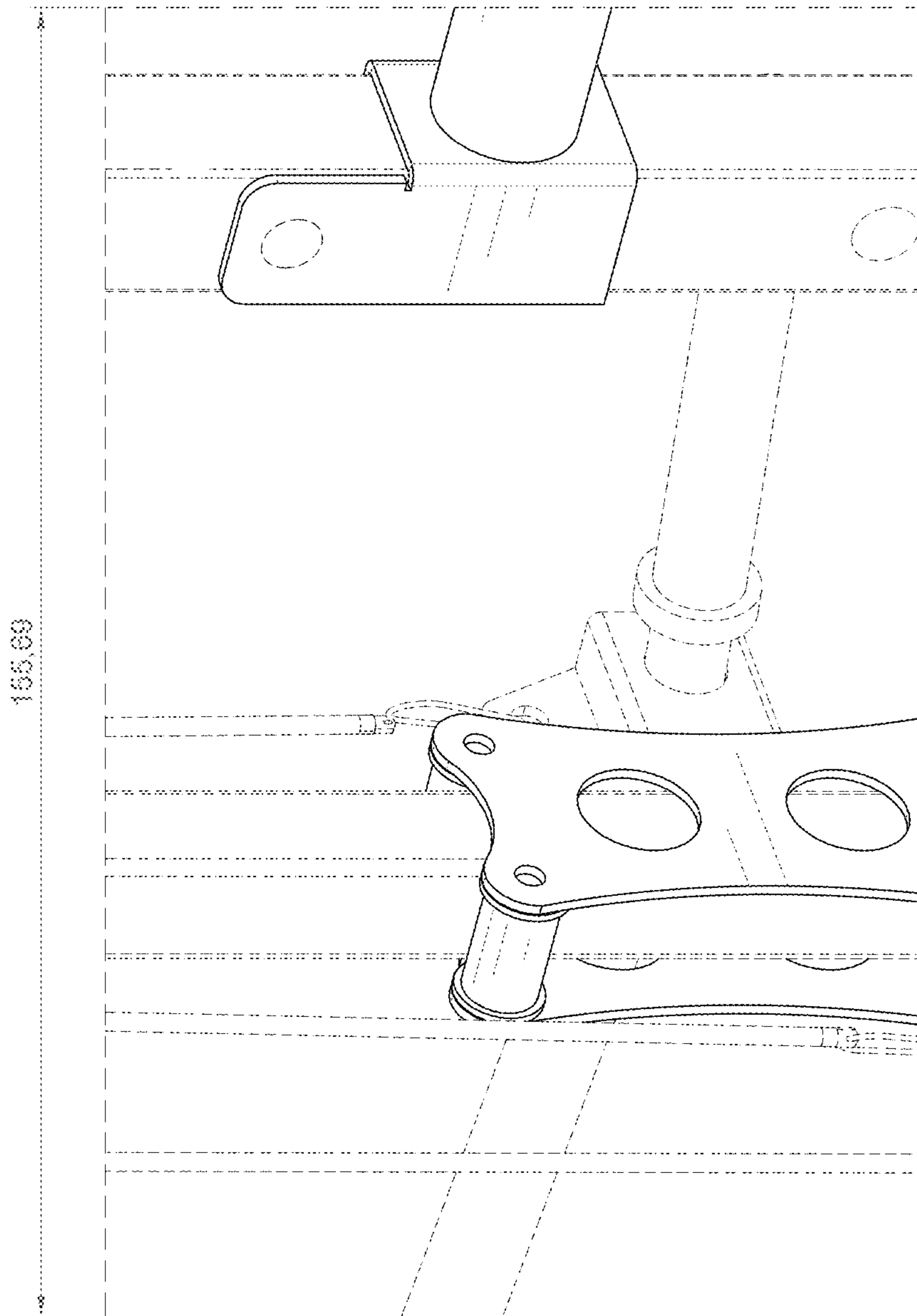


FIG. 19



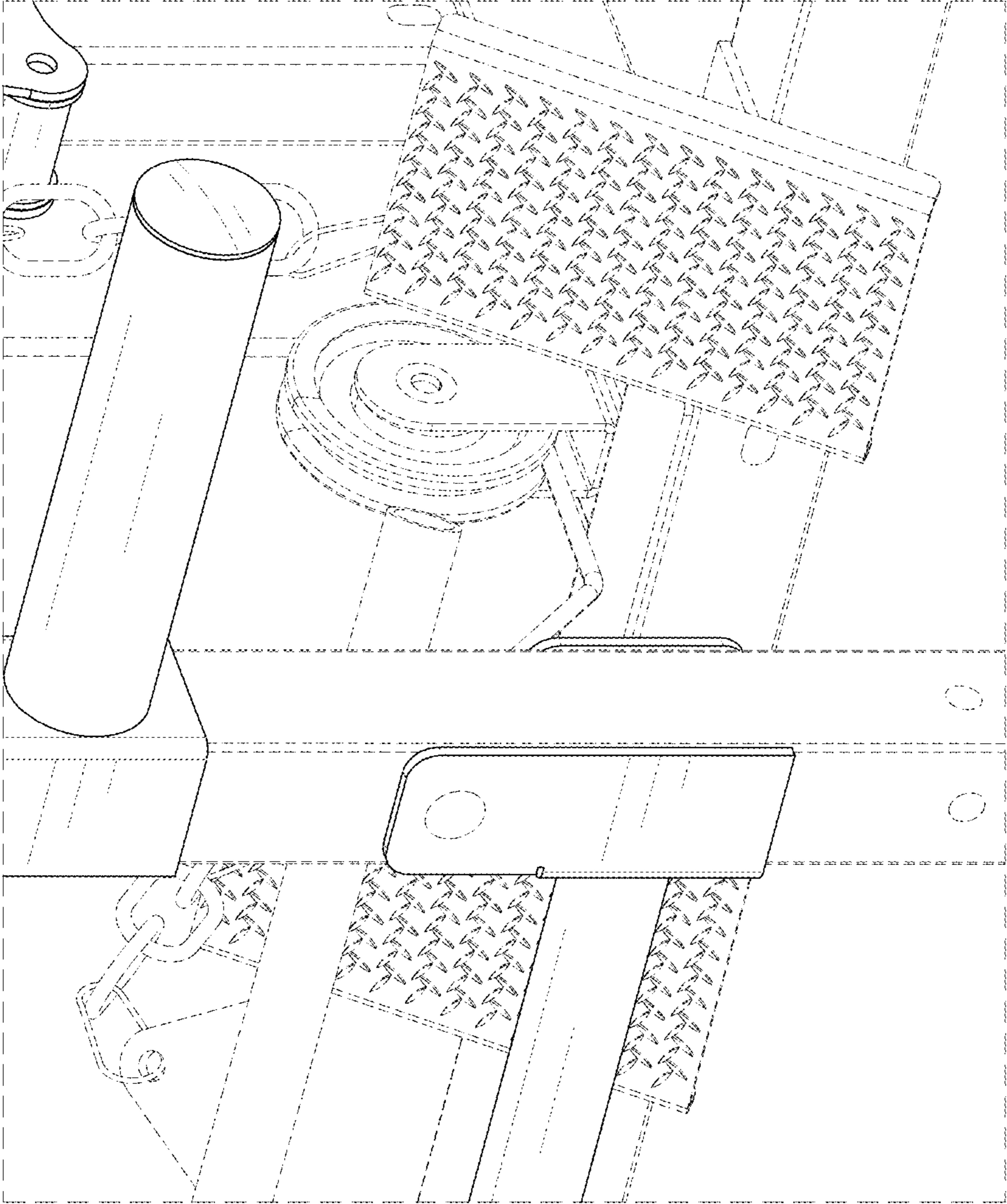


FIG. 20

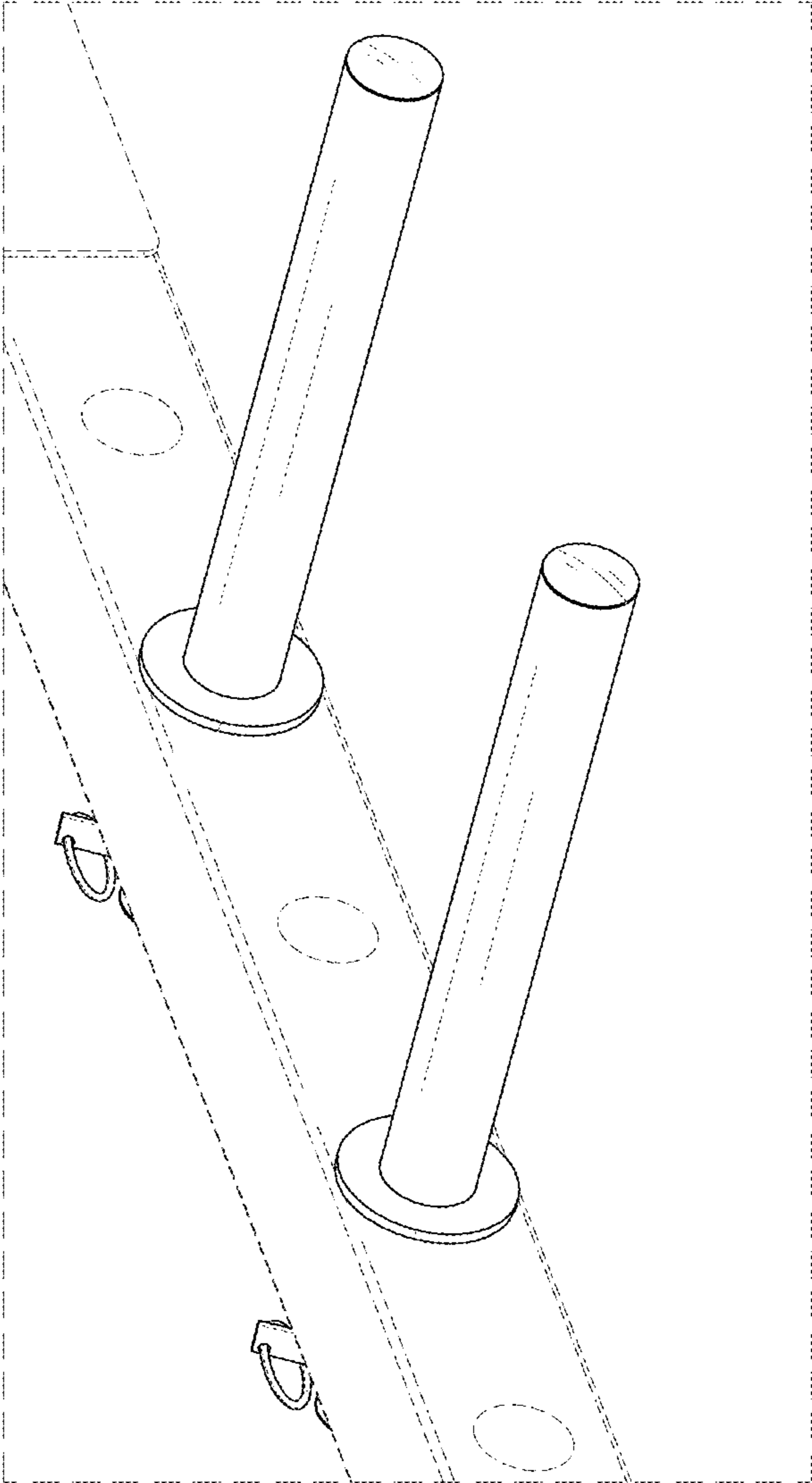


FIG. 21

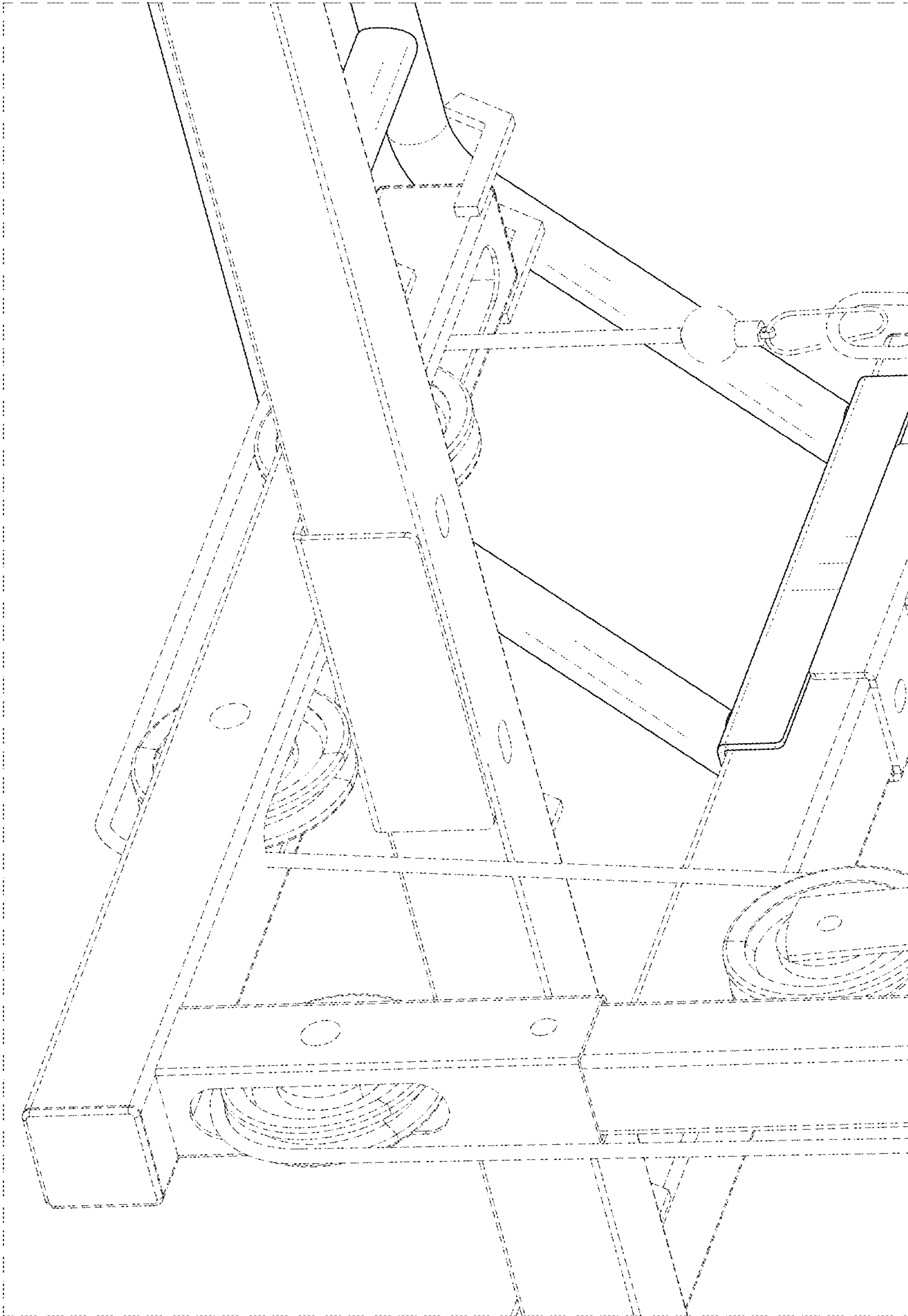


FIG. 22

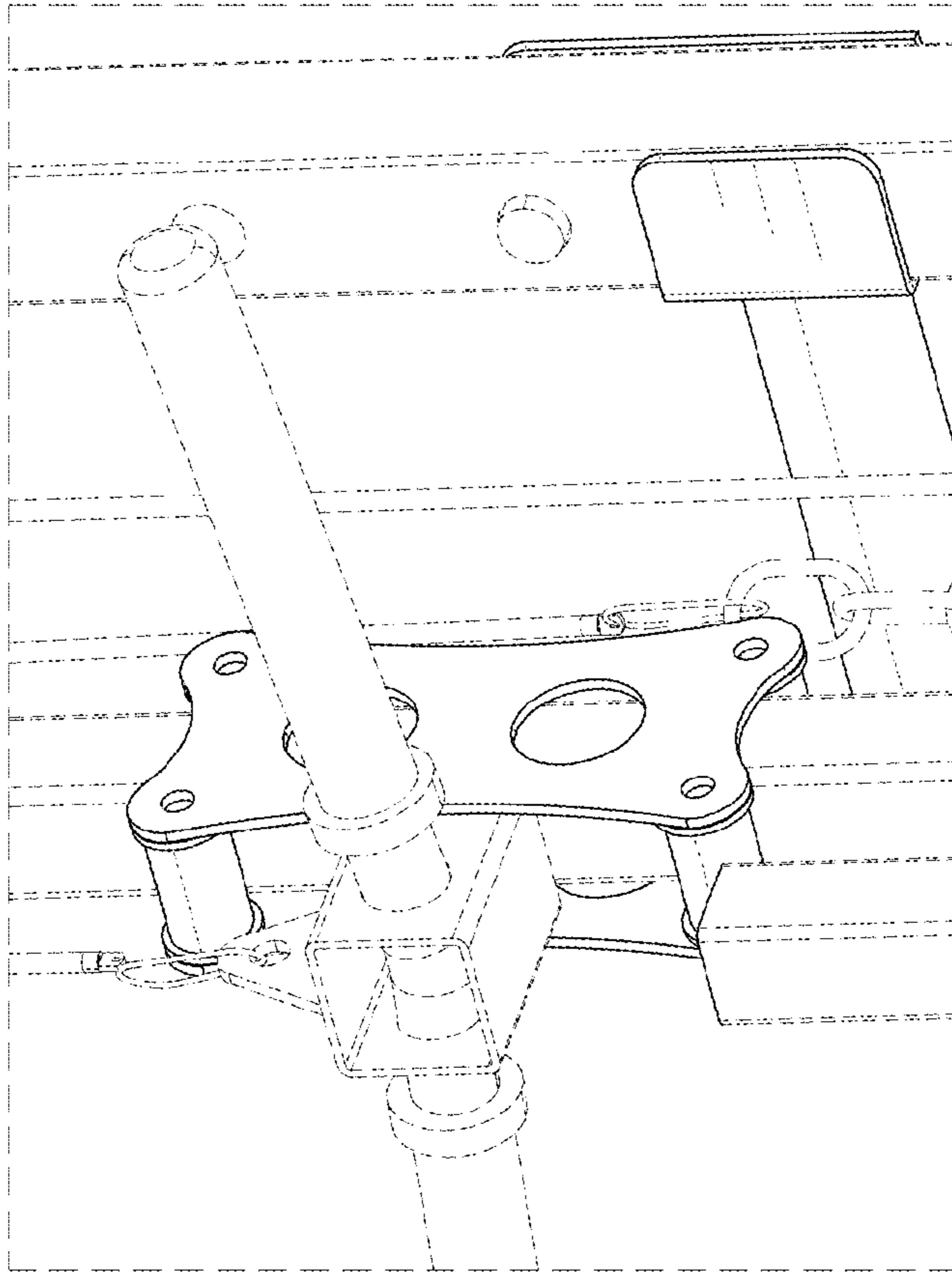


FIG. 24

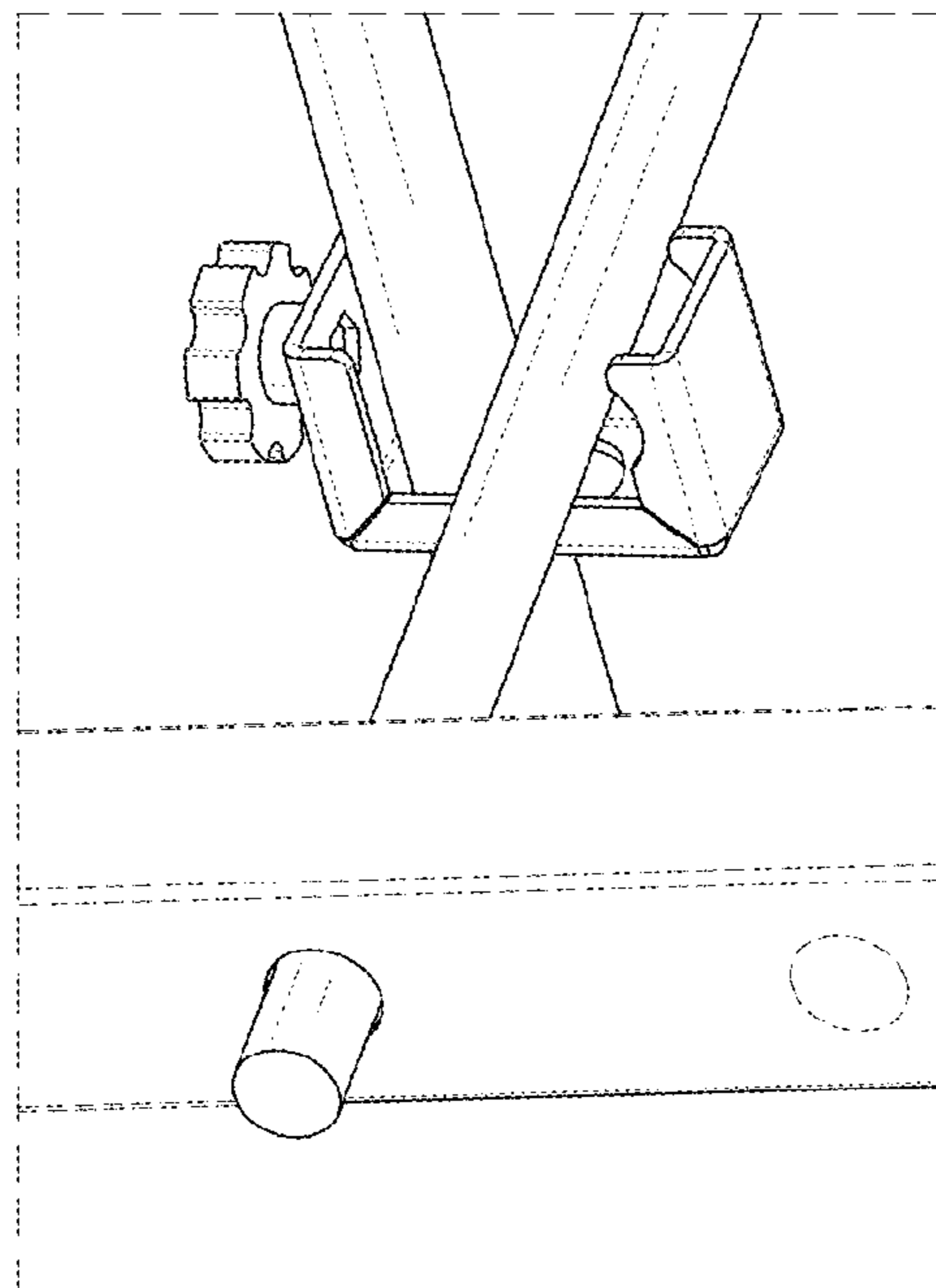


FIG. 23

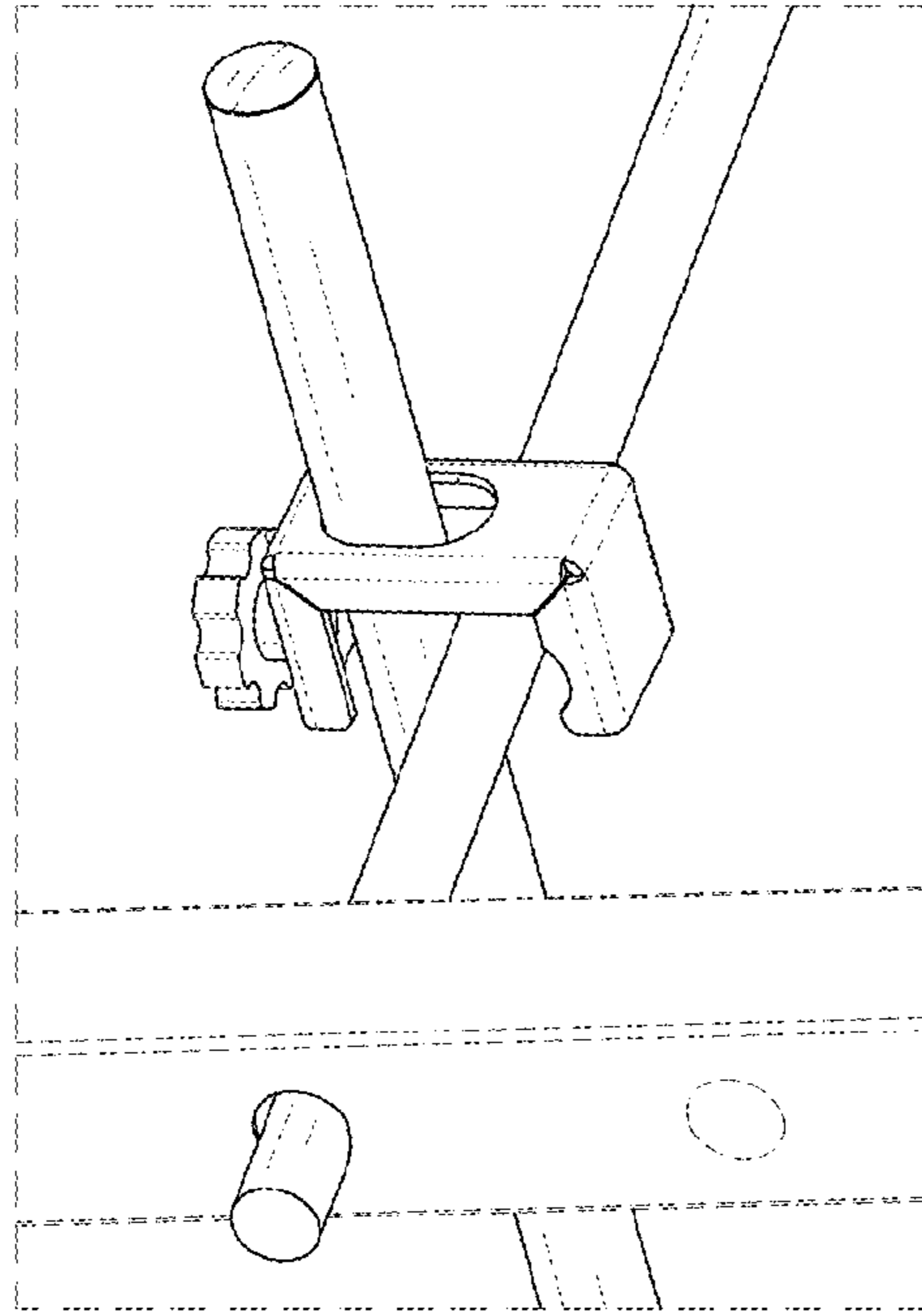


FIG. 26

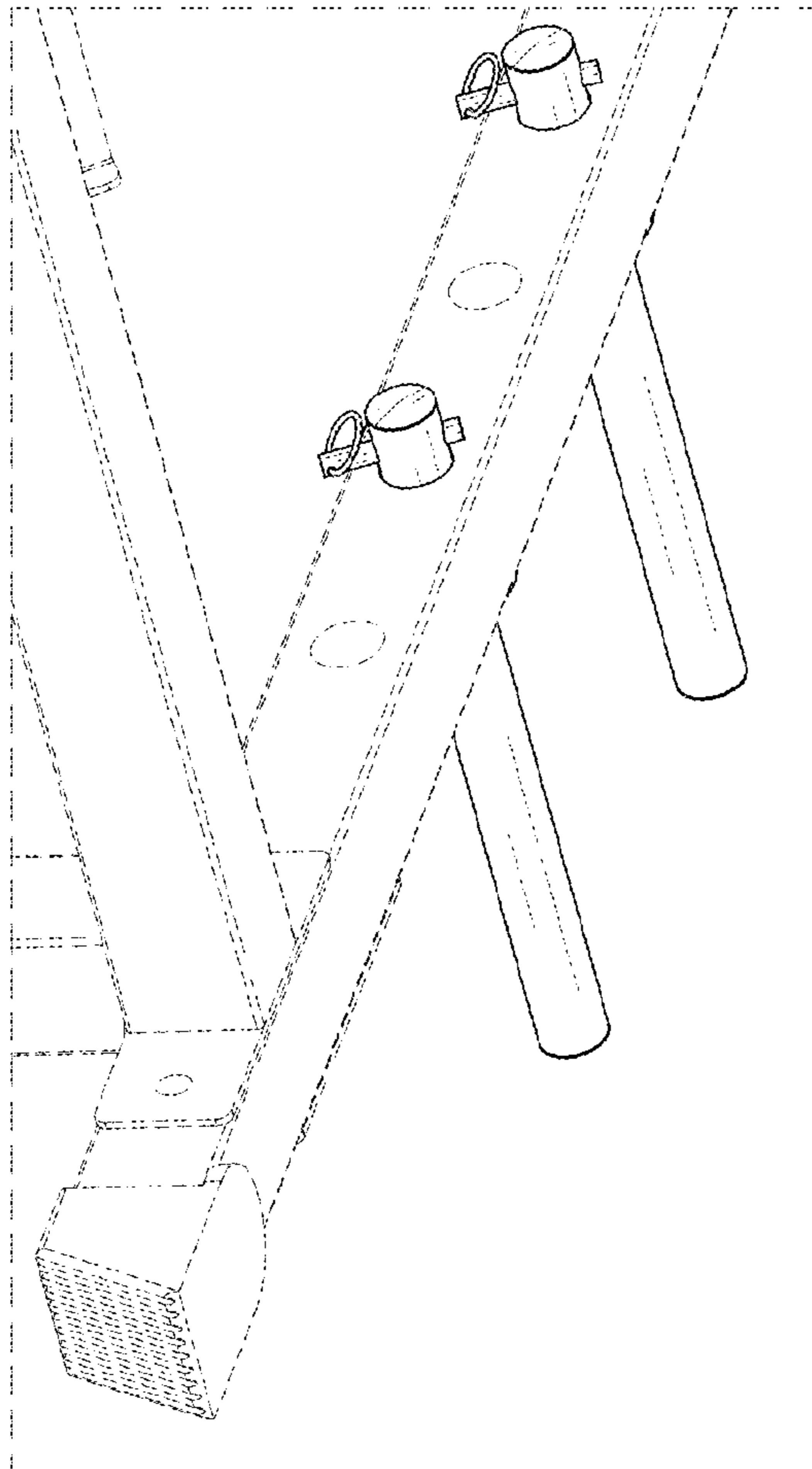


FIG. 25

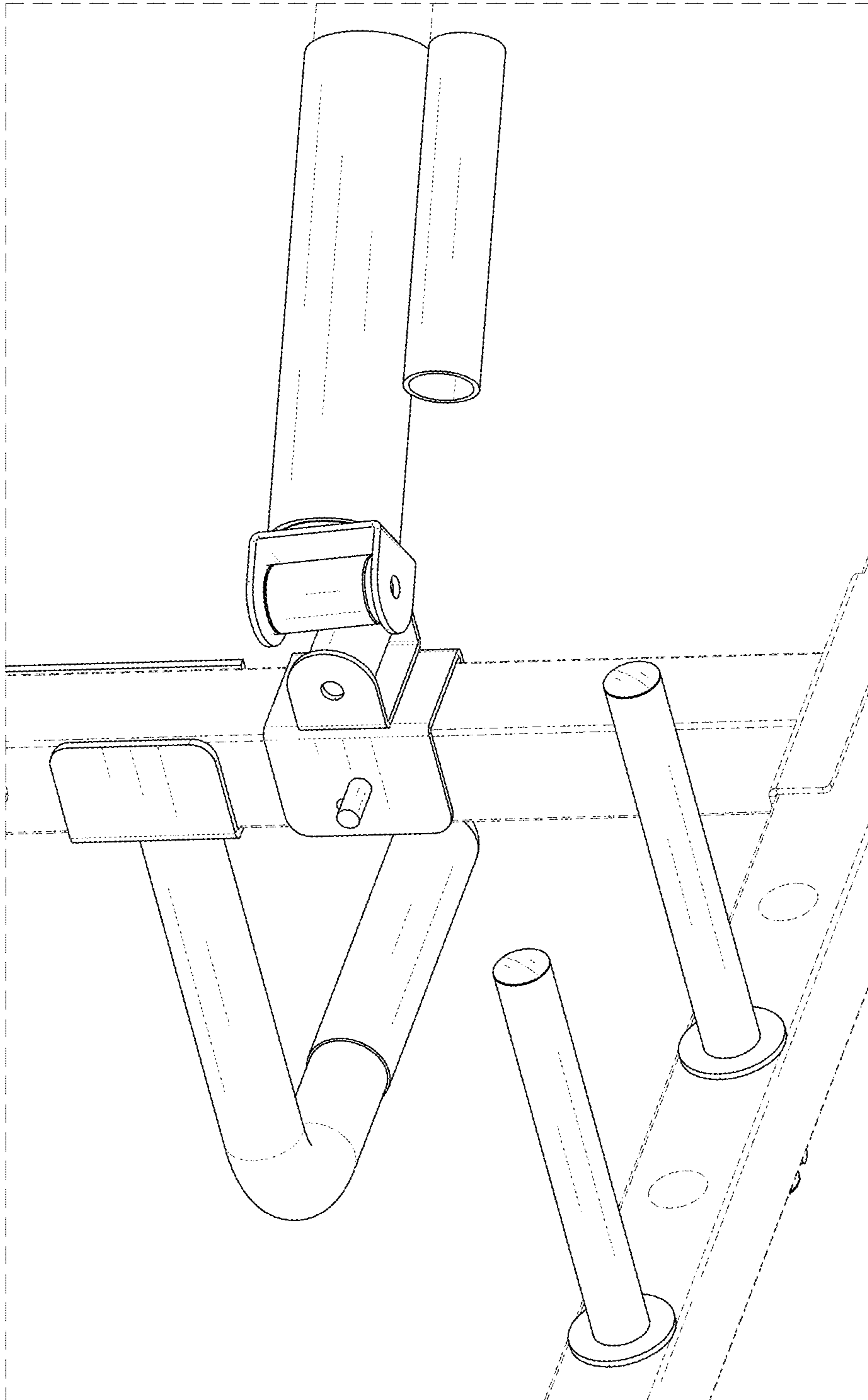


FIG. 27