



US0D1089467S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,467 S**  
**Xu et al.** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **TRAINING MACHINE**

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

(21) Appl. No.: **29/903,175**

(22) Filed: **Sep. 20, 2023**

(51) **LOC (15) Cl.** ..... **21-02**

(52) **U.S. Cl.**

USPC ..... **D21/686**; D21/694

(58) **Field of Classification Search**

USPC ..... D8/360; D21/662, 673, 675–677,  
D21/685–687, 690–697

CPC . A63B 23/12; A63B 23/0233; A63B 23/1227;  
A63B 23/0205; A63B 23/0494; A63B  
21/00; A63B 21/4029; A63B 21/154

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D16,980 S *	11/1886	Kuhn	.....	D8/360
D17,173 S *	3/1887	Kuhn	.....	D8/360
D893,639 S *	8/2020	Henniger	.....	D21/673
D903,793 S *	12/2020	Henniger	.....	D21/673
D974,504 S *	1/2023	Gong	.....	D21/686
D975,216 S *	1/2023	Yang	.....	D21/673
D1,012,673 S *	1/2024	Adams	.....	D8/360
11,872,436 B2 *	1/2024	Nesemeier	.....	A63B 21/154
D1,015,125 S *	2/2024	Adams	.....	D8/360
D1,025,242 S *	4/2024	Gong	.....	D21/673
D1,028,128 S *	5/2024	Xue	.....	D21/673
12,005,289 B1 *	6/2024	Johnson	.....	A63B 21/4035
D1,037,379 S *	7/2024	Xue	.....	D21/675
D1,039,081 S *	8/2024	Xu	.....	D21/686

12,186,615 B2 *	1/2025	Hsu	.....	A63B 21/154
D1,068,001 S *	3/2025	Hua	.....	D21/673
D1,068,978 S *	4/2025	Wang	.....	D21/686

(Continued)

**OTHER PUBLICATIONS**

“Suzuki DF200 Trim Tab,” Wayback date Jul. 16, 2024; retrieved from Internet Dec. 20, 2024; <https://boatmaxonline.com/products/suzuki-df200-225-250-300-trim-tab> (Year: 2024).\*

(Continued)

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(57) **CLAIM**

The ornamental design for a training machine as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a first embodiment of a training machine showing our new design.

FIG. 2 is a front view thereof.

FIG. 3 is a back view thereof.

FIG. 4 is a right view thereof.

FIG. 5 is a left view thereof.

FIG. 6 is a top view thereof.

FIG. 7 is a bottom view thereof.

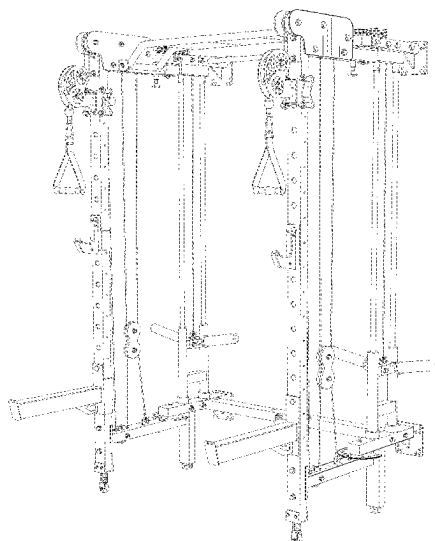
FIG. 8 is another perspective view thereof adjusted into an expanded state.

FIG. 9 is another perspective view thereof adjusted into a fully open state; and,

FIG. 10 is another perspective view thereof adjusted into a folded state.

The dashed broken lines in the figures show portions of the training machine that form no part of the claimed design.

**1 Claim, 10 Drawing Sheets**



(56)

**References Cited**

## U.S. PATENT DOCUMENTS

D1,077,093	S *	5/2025	Gong	.....	D21/673
12,303,731	B1 *	5/2025	Yu	.....	A63B 21/169
D1,079,855	S *	6/2025	Zhou	.....	D21/686
2020/0069988	A1 *	3/2020	Gore	.....	A63B 21/0783
2020/0171340	A1 *	6/2020	Hsu	.....	A63B 21/0628
2022/0096891	A1 *	3/2022	Yang	.....	A63B 21/0428
2025/0090894	A1 *	3/2025	Gong	.....	A63B 21/154

## OTHER PUBLICATIONS

“Mikolo Foldable Power Rack Cage,” reviewed on Walmart.com Apr. 30, 2022; retrieved from Internet Dec. 20, 2024; <https://www.walmart.com/ip/Mikolo-Folding-Power-Rack-Cage-1000lbs-Capacity-Wall-Mounted-Squat-independent-pulley-system-Space-Saving-Home-Gym-Equipment-5-Adjustable-Angle/6316271437> (Year: 2022).\*

\* cited by examiner

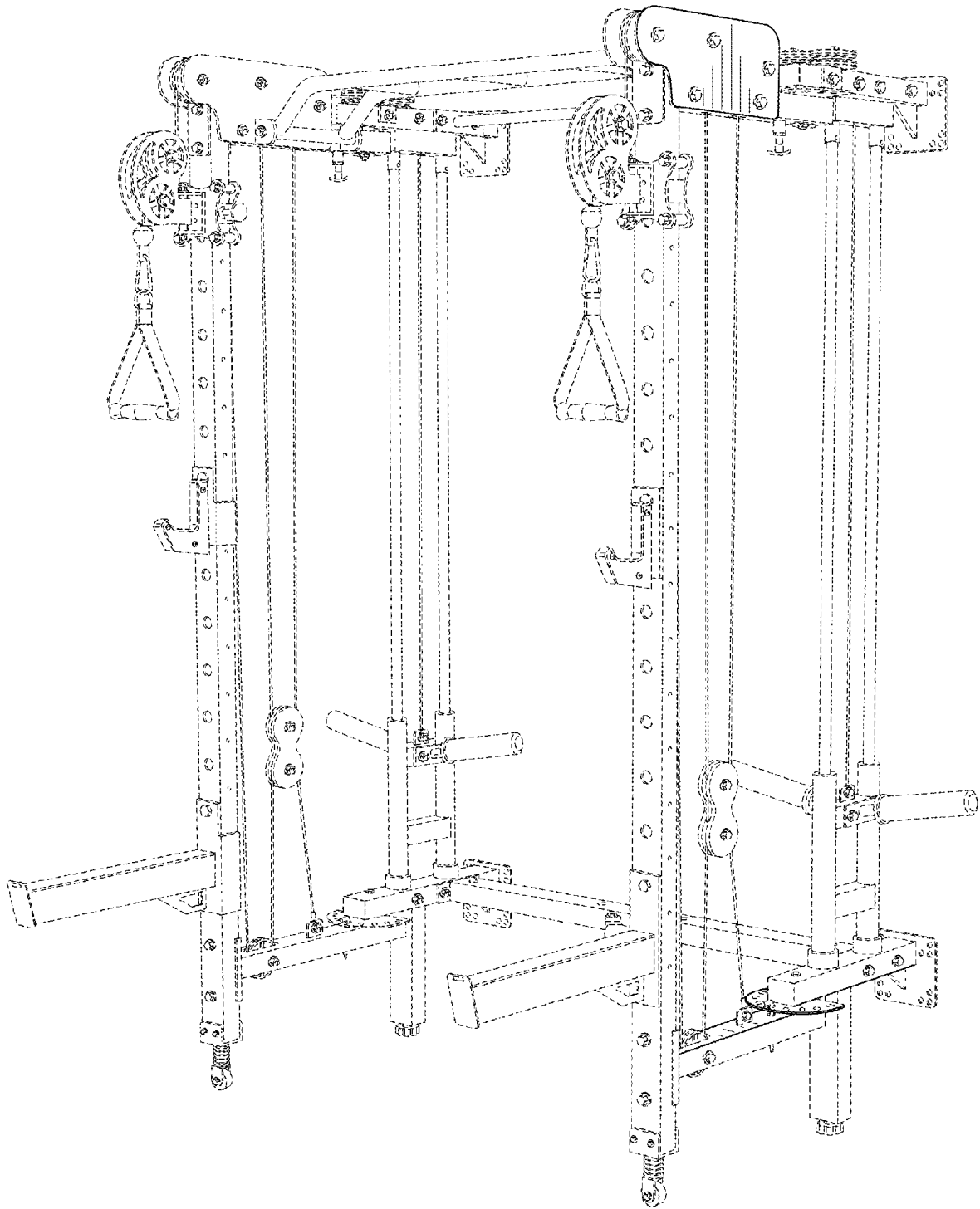


FIG. 1

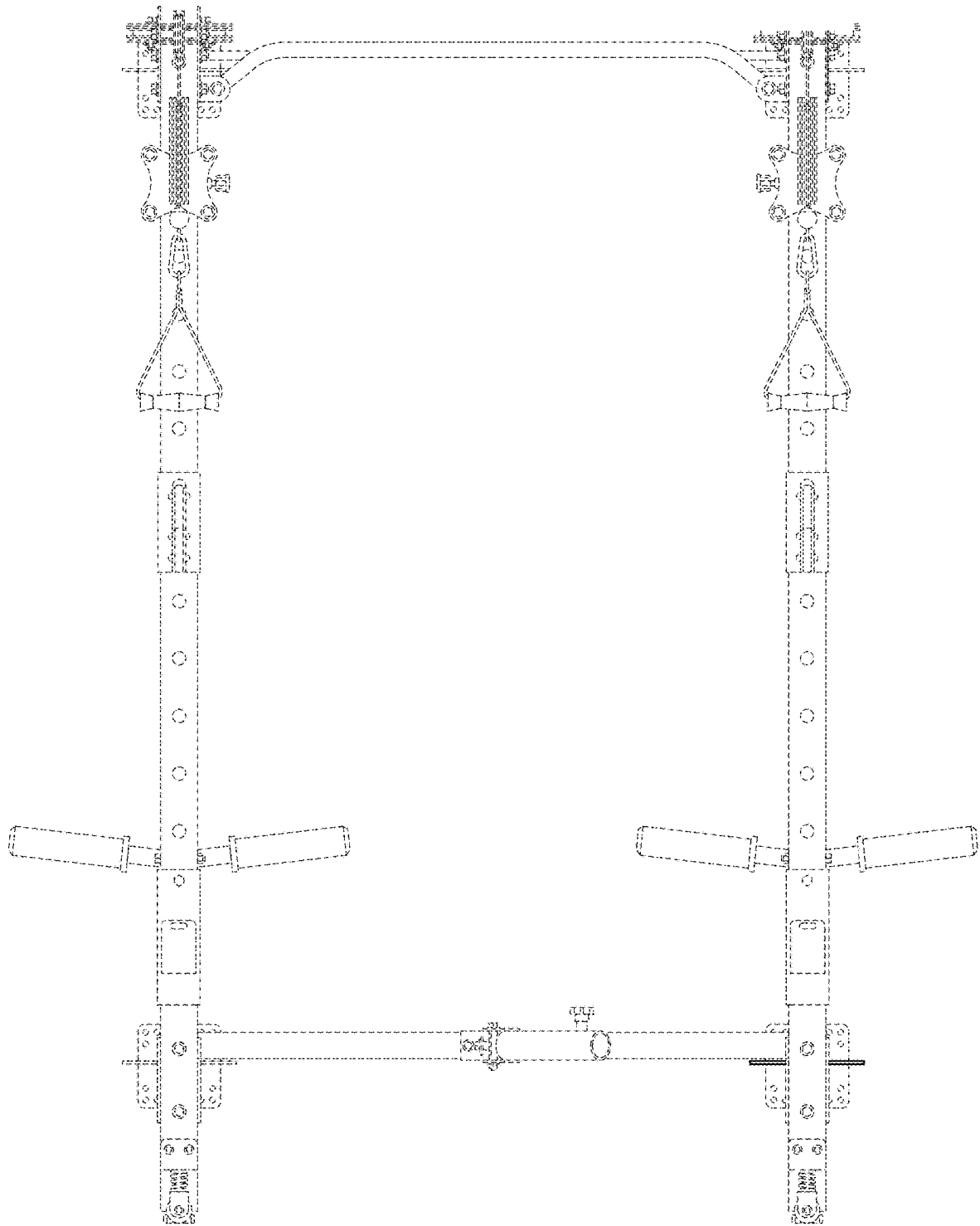


FIG. 2

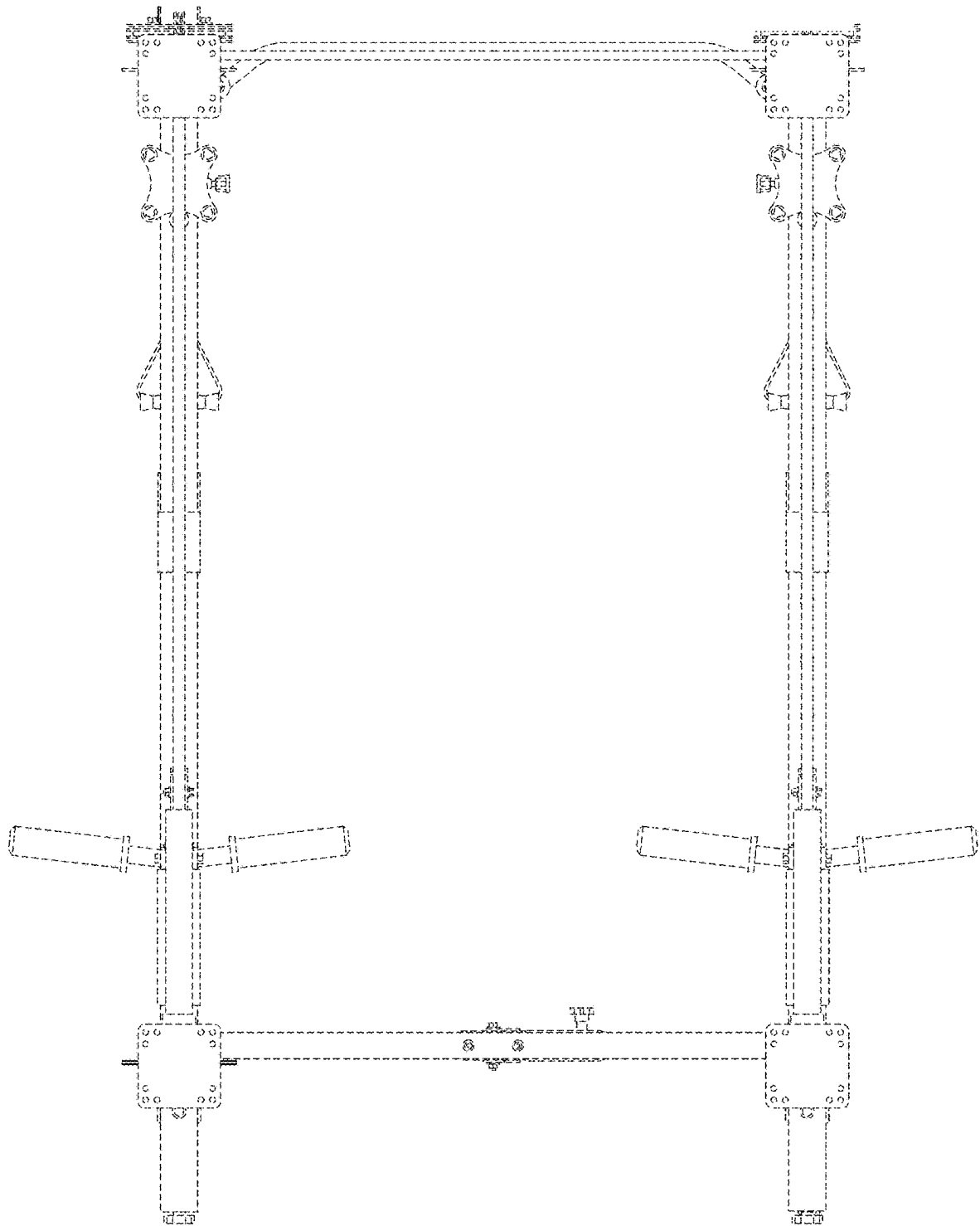


FIG. 3

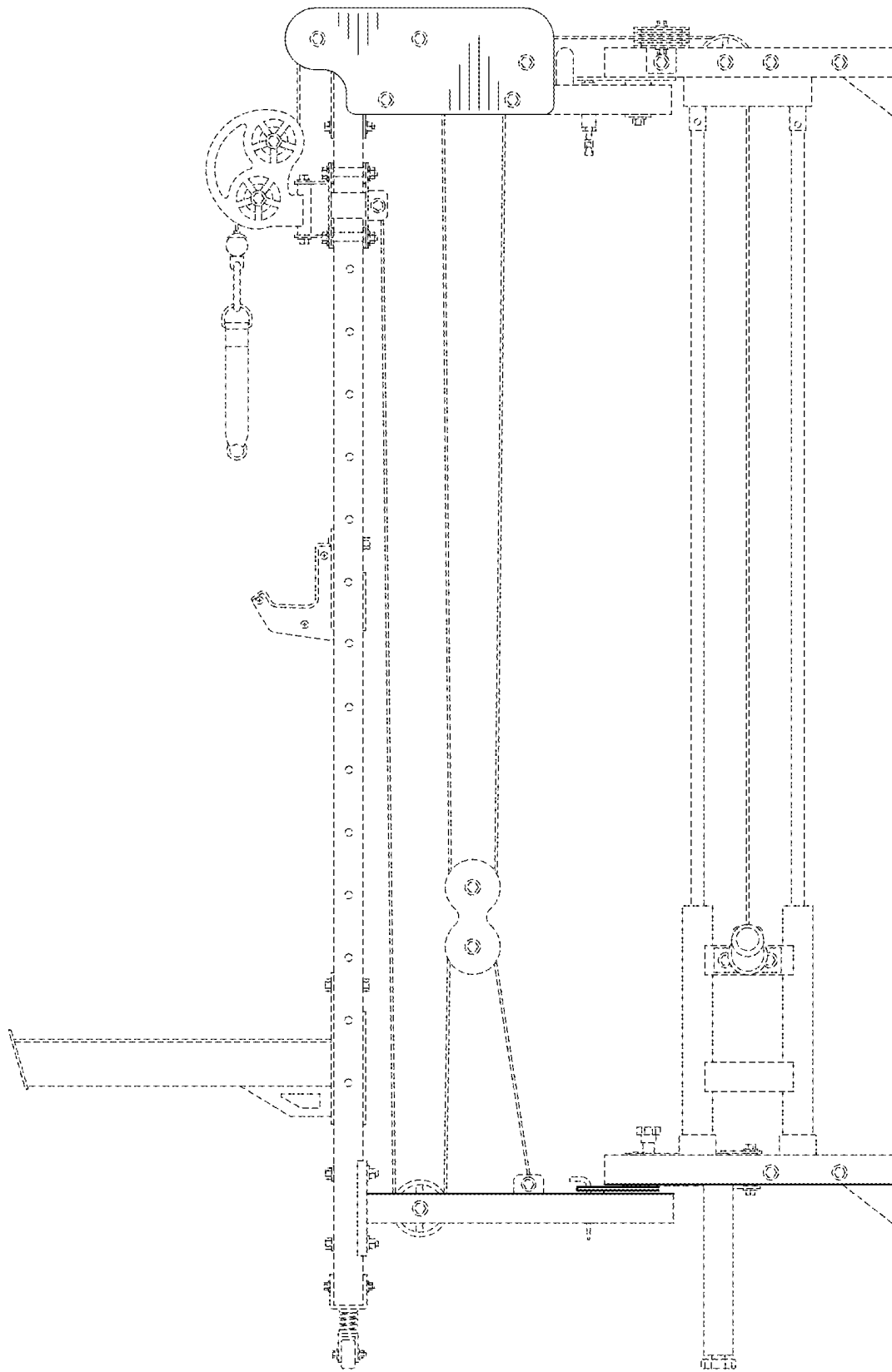


FIG. 4

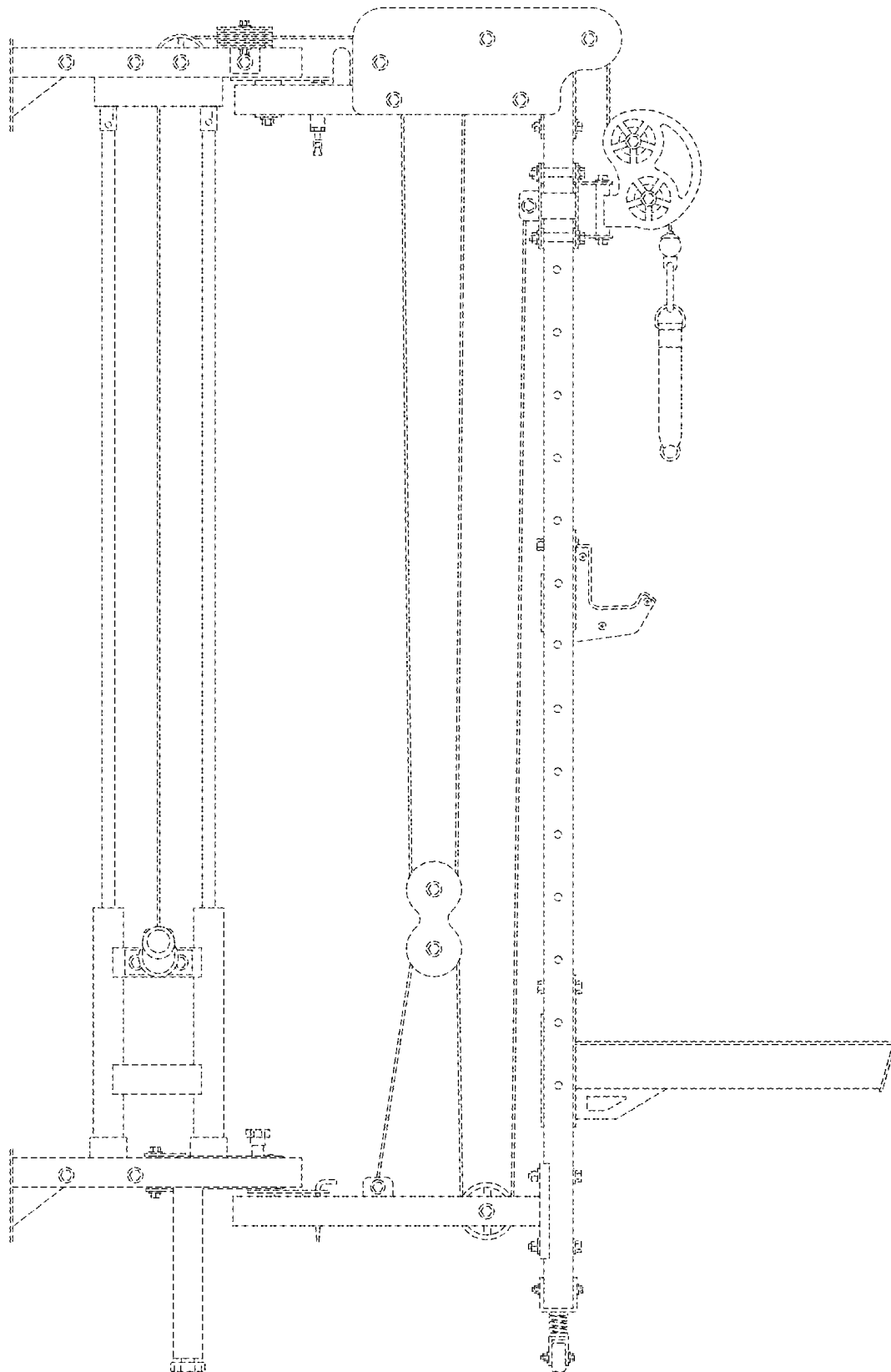


FIG. 5

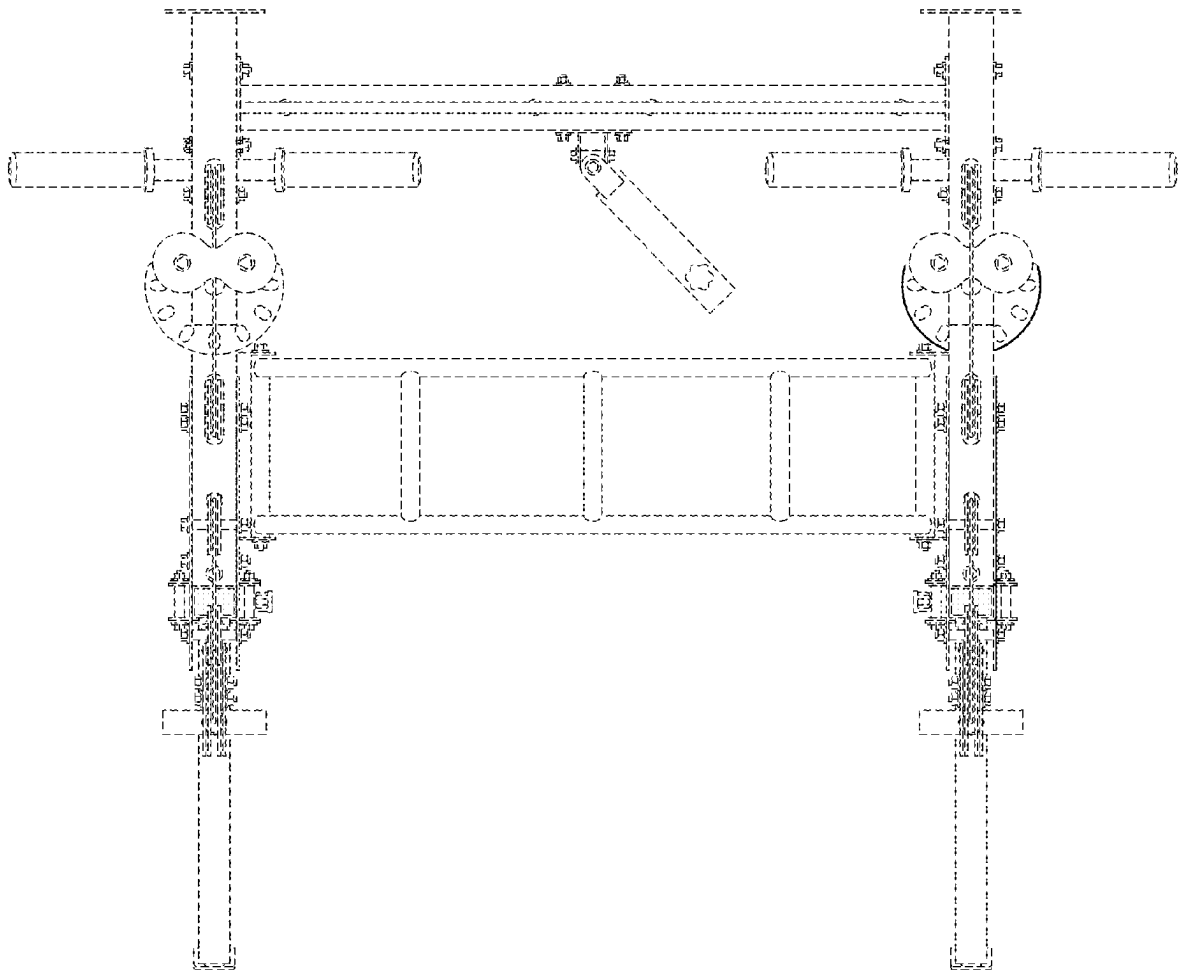


FIG. 6



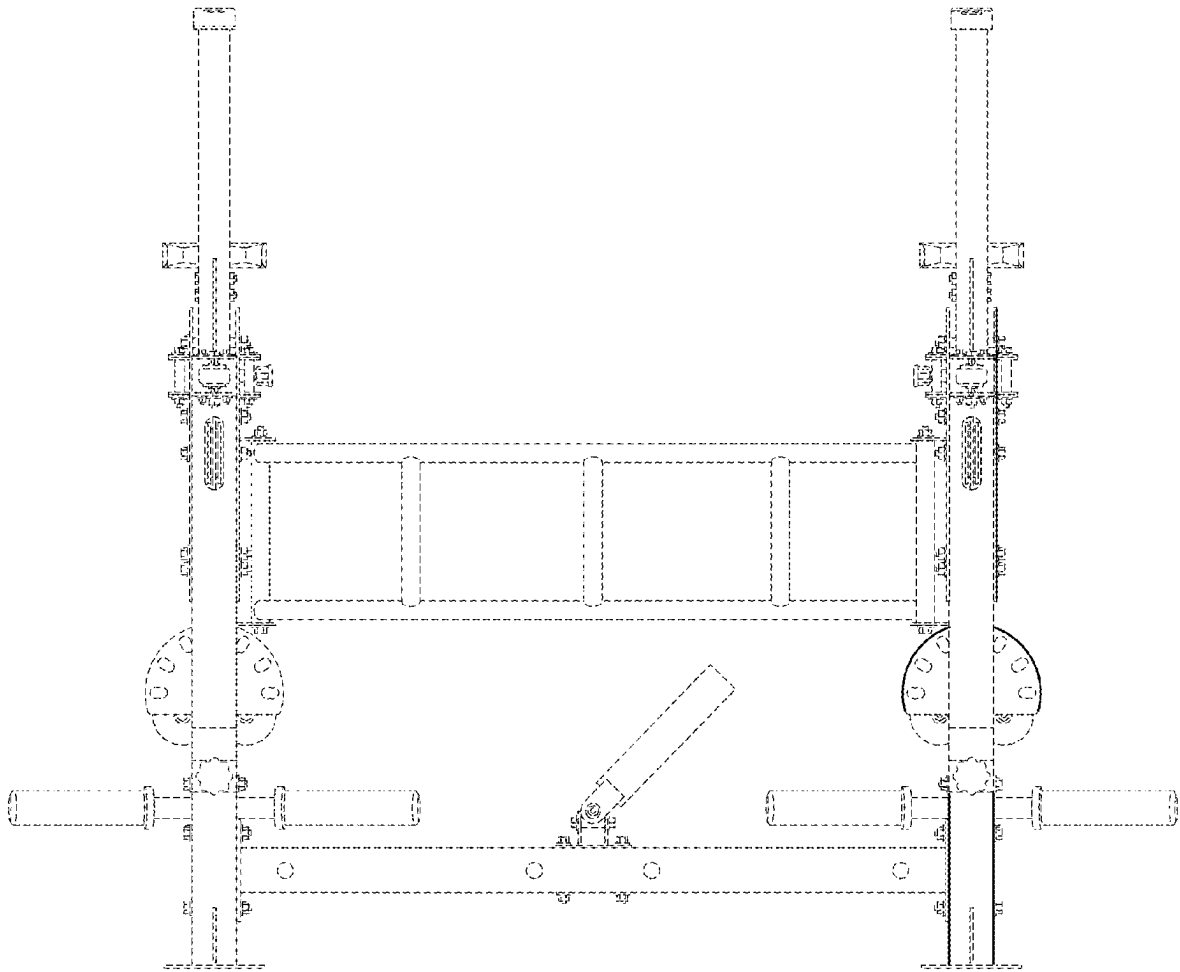


FIG. 7

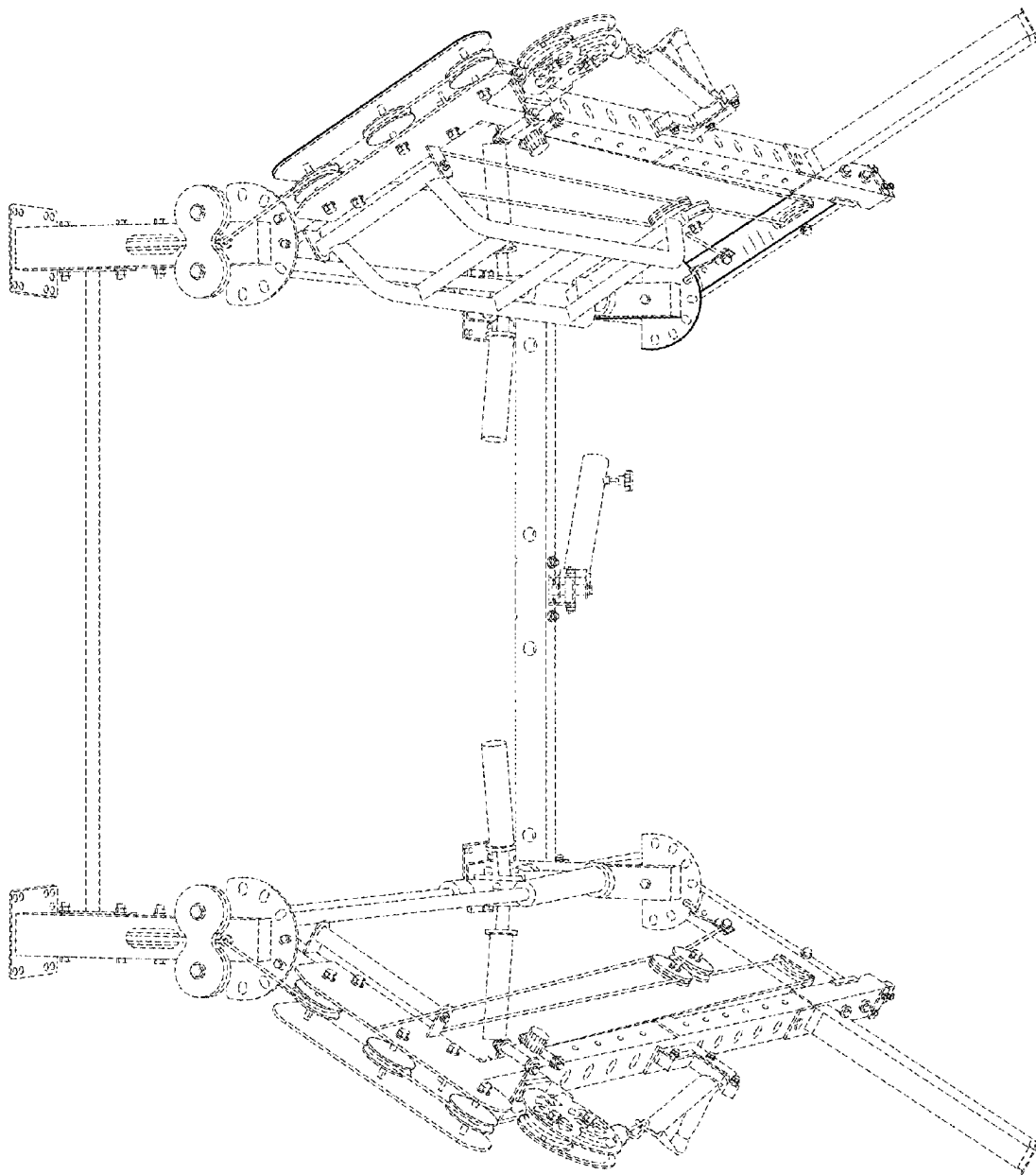


FIG. 8

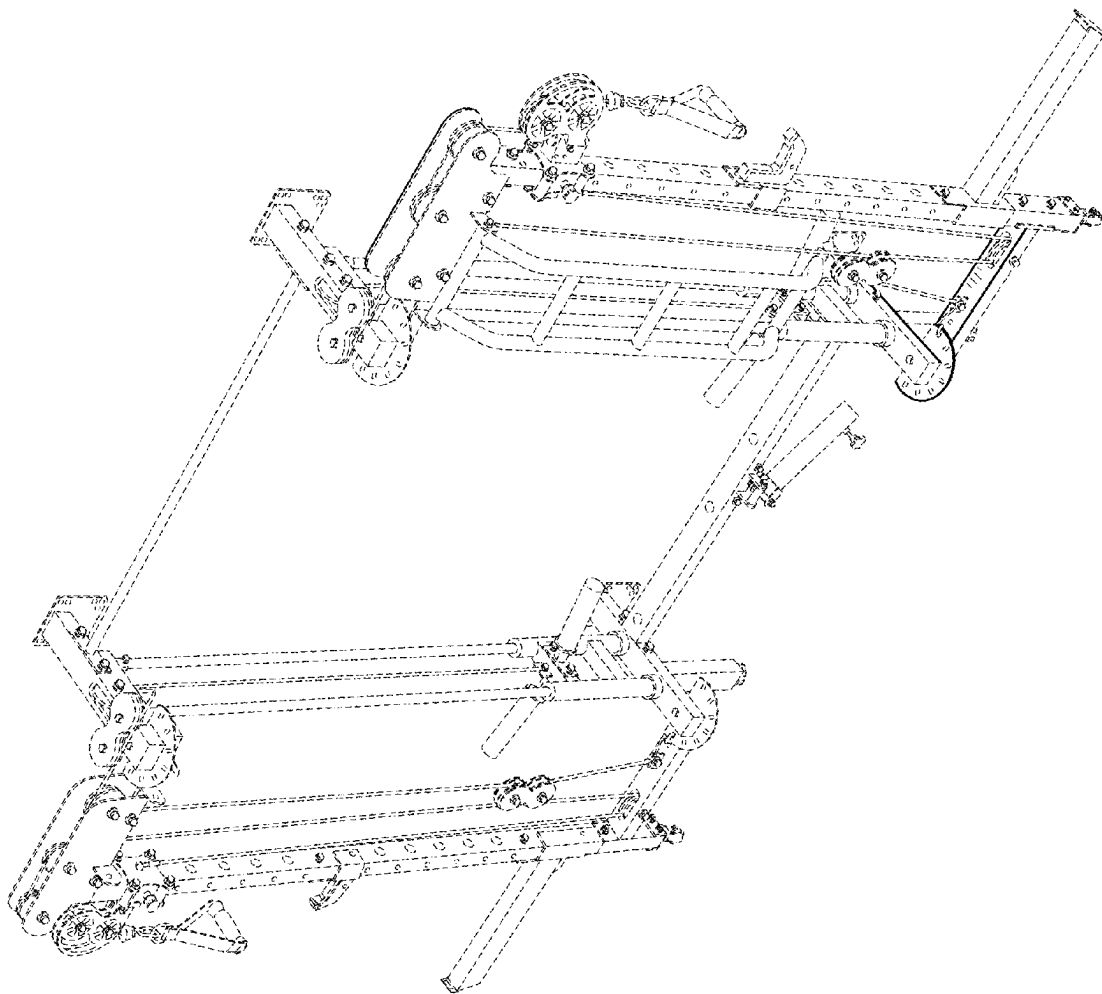


FIG. 9

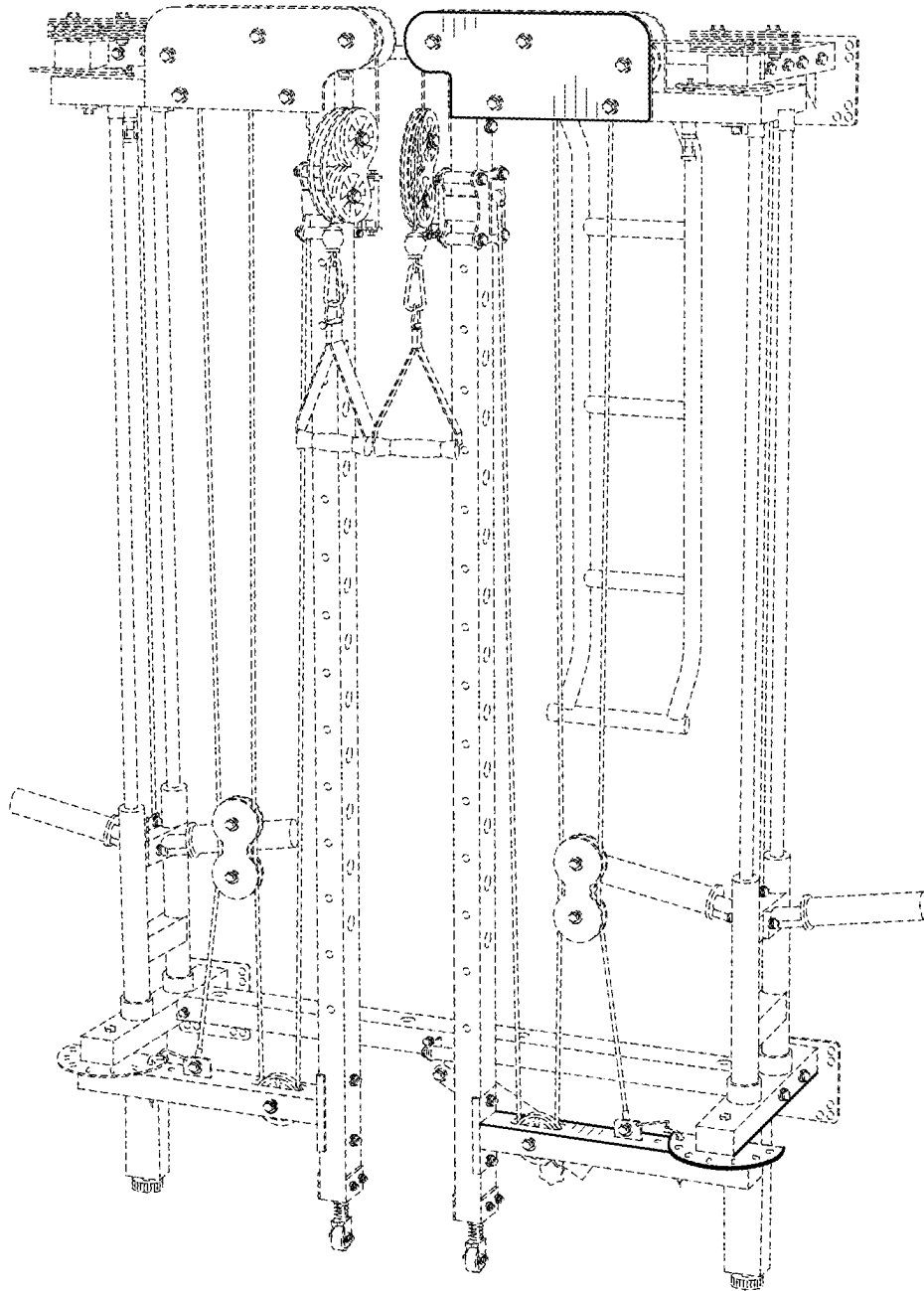


FIG. 10