

(12) **United States Design Patent**
Xiong

(10) **Patent No.:** **US D1,049,936 S**

(45) **Date of Patent:** **** Nov. 5, 2024**

(54) **ELECTRIC BICYCLE FRAME**

(71) Applicant: **Hao Xiong**, Shenzhen (CN)

(72) Inventor: **Hao Xiong**, Shenzhen (CN)

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

(21) Appl. No.: **29/873,245**

(22) Filed: **Mar. 28, 2023**

(51) **LOC (14) Cl.** **12-11**

(52) **U.S. Cl.**
USPC **D12/111**

(58) **Field of Classification Search**
USPC D12/110, 111, 114, 115, 117; D21/412, D21/414, 419, 423, 425, 426, 427, 431, D21/432
CPC ... B62K 3/00; B62K 3/02; B62K 3/04; B62K 3/06; B62K 3/08; B62K 7/00; B62K 7/02; B62K 11/00; B62K 11/02; B62K 11/04; B62K 11/10; B62K 15/00; B62K 17/00; B62K 19/00; B62K 25/02; B62K 25/04; B62K 2202/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D662,445	S	*	6/2012	Uimonen	.....	D12/111
D665,708	S	*	8/2012	Uimonen	.....	D12/111
D666,536	S	*	9/2012	Uimonen	.....	D12/111
D666,946	S	*	9/2012	Uimonen	.....	D12/111
D690,239	S	*	9/2013	Uimonen	.....	D12/111
D917,348	S	*	4/2021	Shi	.....	D12/111
D925,404	S	*	7/2021	Lin	.....	D12/111
D925,405	S	*	7/2021	Lin	.....	D12/111
D960,769	S	*	8/2022	Chen	.....	D12/111
D965,477	S	*	10/2022	Zhang	.....	D12/111
D971,084	S	*	11/2022	Peng	.....	D12/111
D981,914	S	*	3/2023	Xiong	.....	D12/111
D984,322	S	*	4/2023	Xiong	.....	D12/111
D997,790	S	*	9/2023	Liu	.....	D12/111

D1,008,881	S	*	12/2023	Yang	.....	D12/111
D1,008,882	S	*	12/2023	Yang	.....	D12/111
D1,008,883	S	*	12/2023	Yang	.....	D12/111
D1,008,884	S	*	12/2023	Yang	.....	D12/111

OTHER PUBLICATIONS

Aipas A2 Folding Electric Bike with 750W Motor 48V Removeable Battery, Nov. 7, 2023, Amazon Webpage[online], [Site Visit May 21, 2024], URL: https://www.amazon.com/Aipas-Electric-Motor-20Folding-Adults/dp/B0CMTKLLR6?ref=ast_sto_dp (Year: 2023).*

Gotrax F2 Foldable Electric Bike 20" 32KPH 64KM Range, Gotrax Webpage[online], [Site Visit May 21, 2024], URL: <https://gotrax.ca/products/f2-electric-bike> (Year: 2024).*

* cited by examiner

Primary Examiner — Darlington Ly
Assistant Examiner — Giang Hoang Tran
(74) *Attorney, Agent, or Firm* — Nitin Kaushik

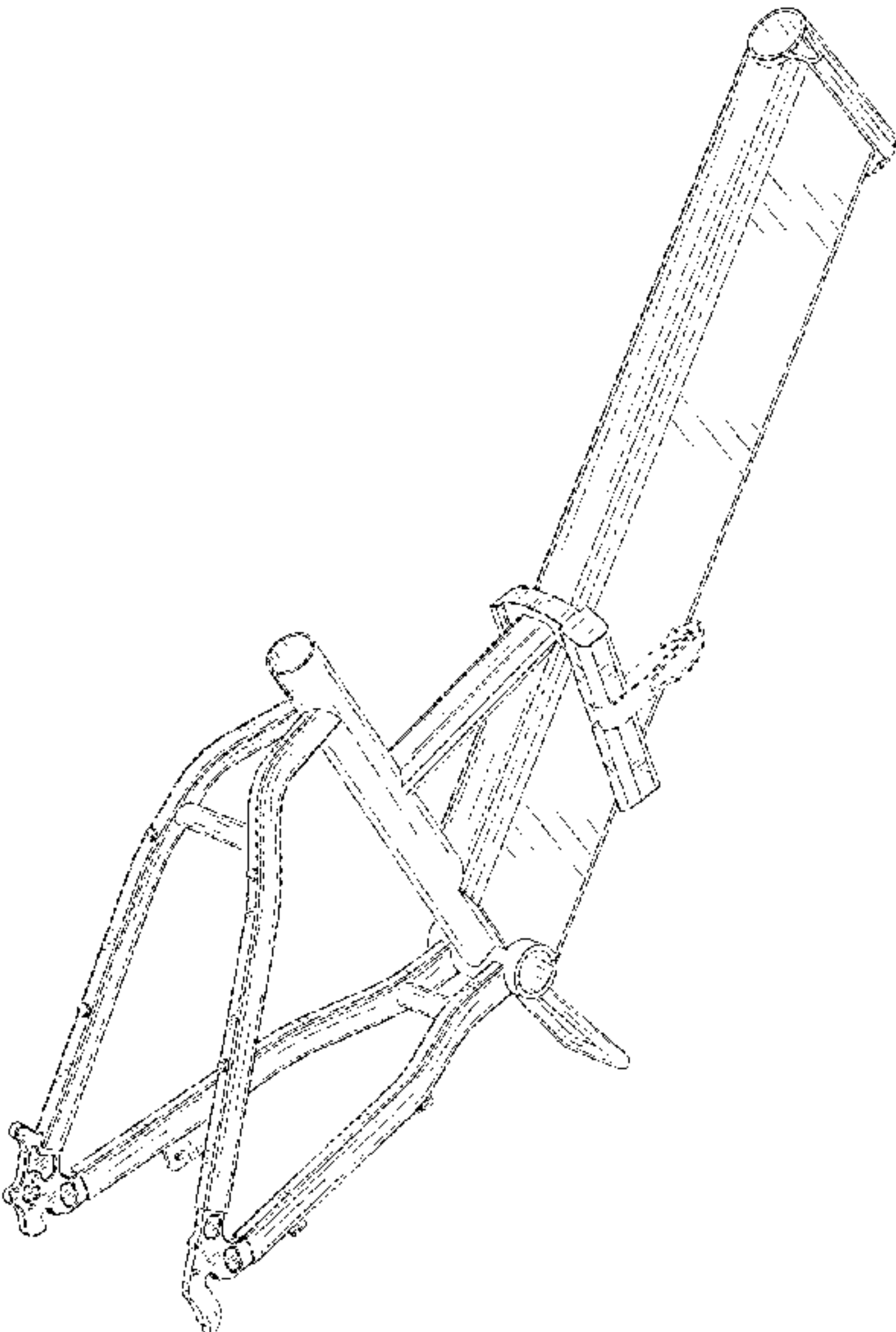
(57) **CLAIM**

The ornamental design for an electric bicycle frame as shown and described.

DESCRIPTION

FIG. 1 is a top, rear and right side perspective view of an electric bicycle frame showing new design;
FIG. 2 is a bottom, front and left side perspective view thereof;
FIG. 3 is a right side elevation view thereof;
FIG. 4 is a left side elevation view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a front elevation view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines in the drawing depict portions of the electric bicycle fame that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



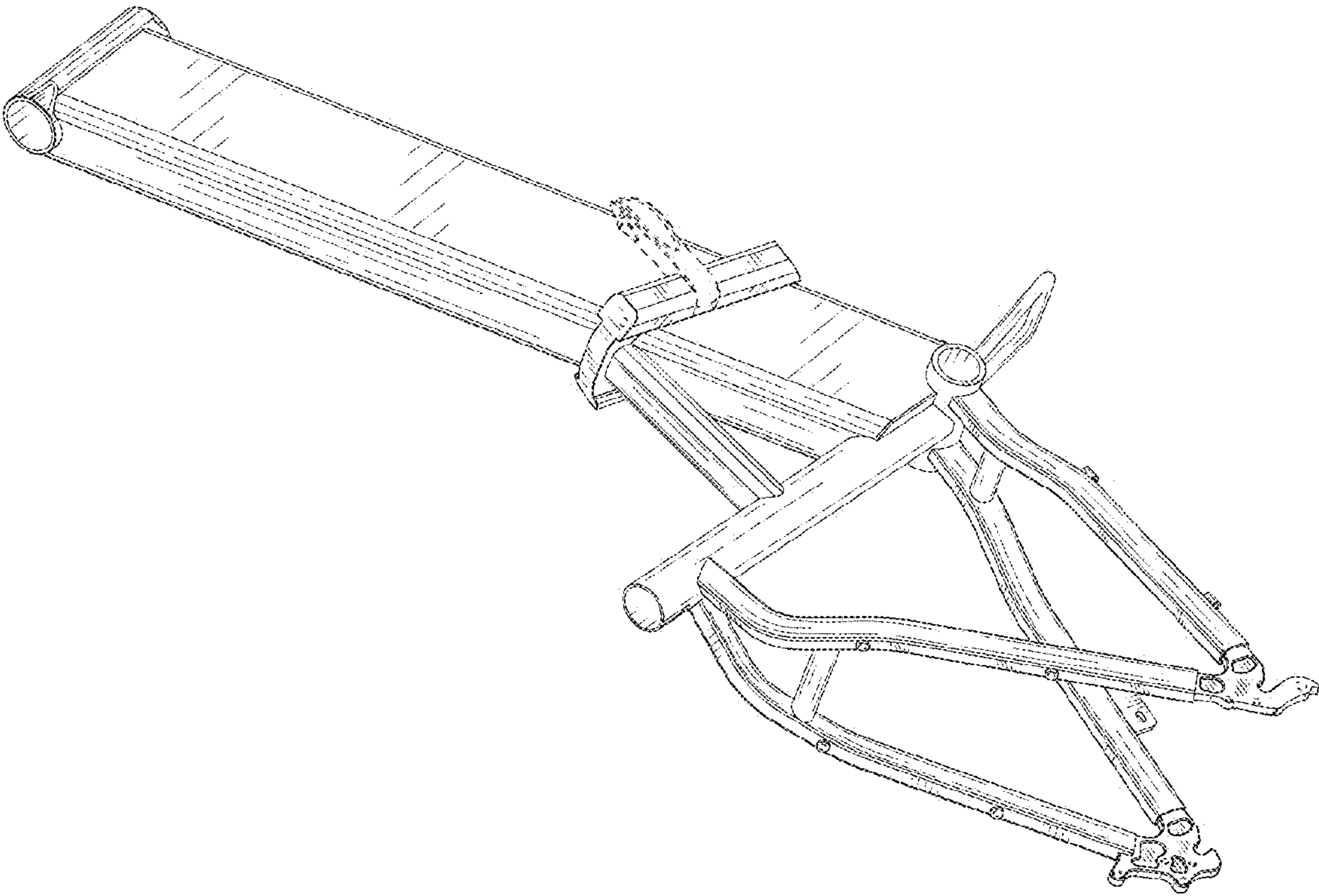


FIG. 1

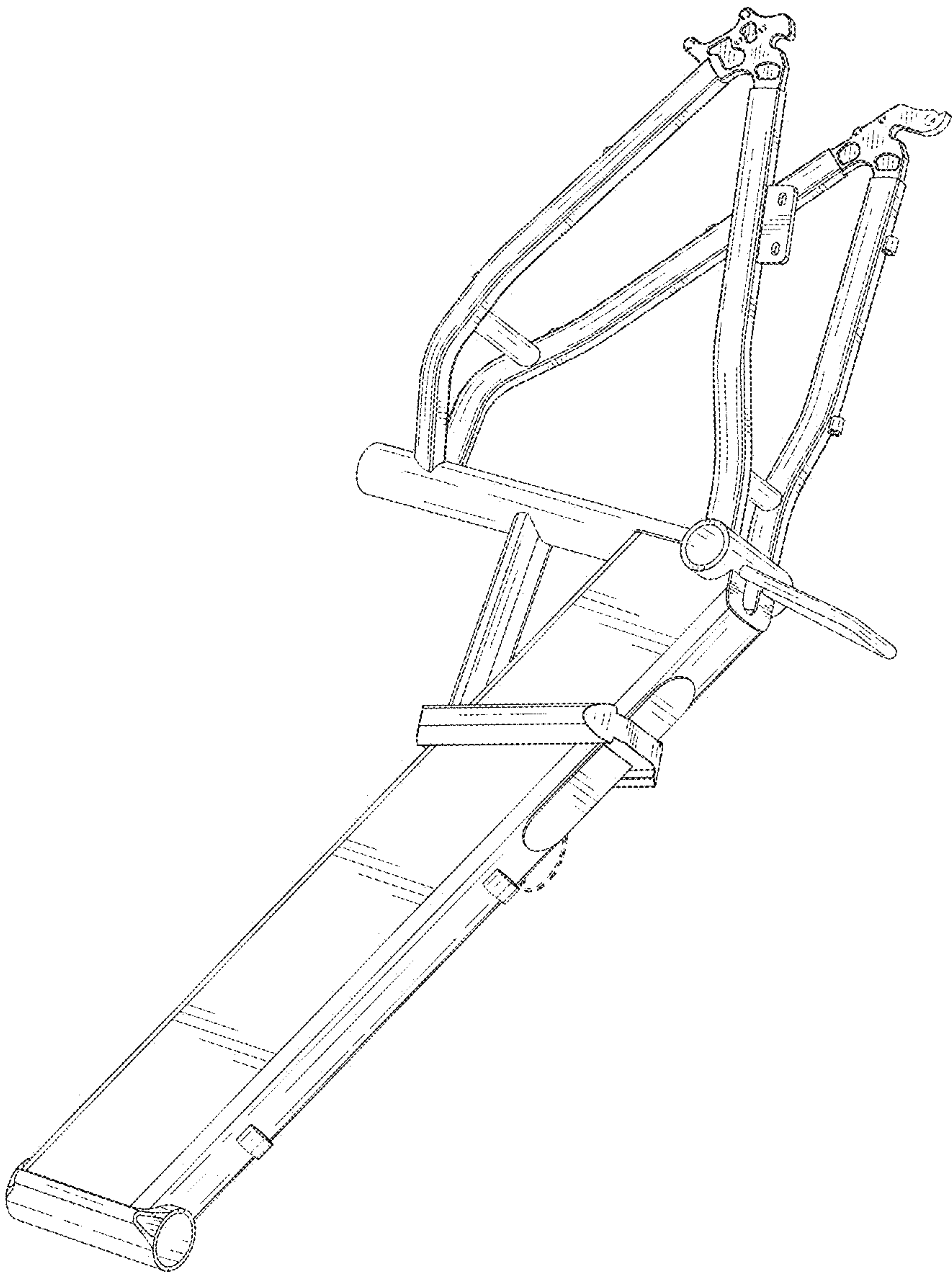


FIG. 2

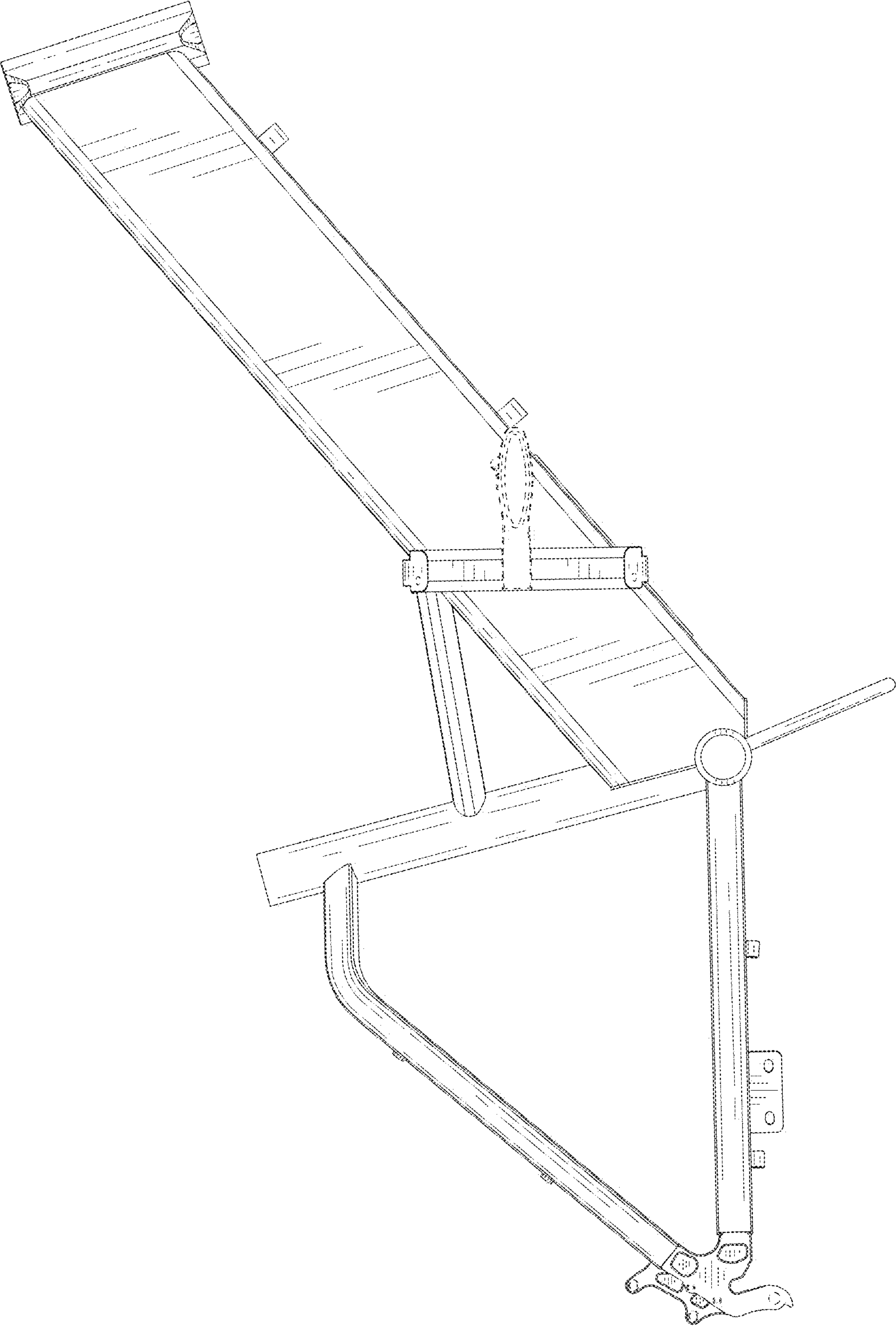


FIG. 3

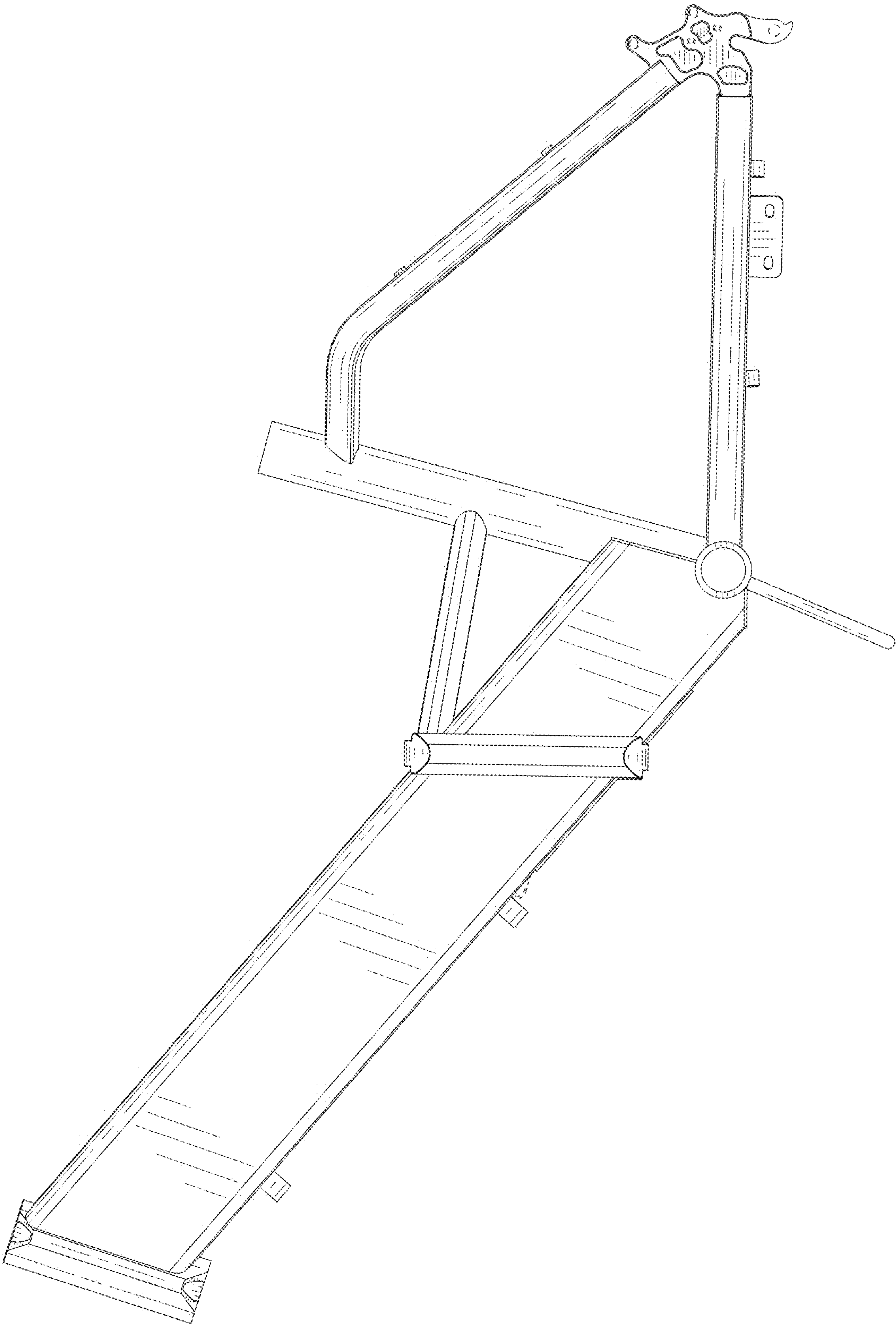


FIG. 4

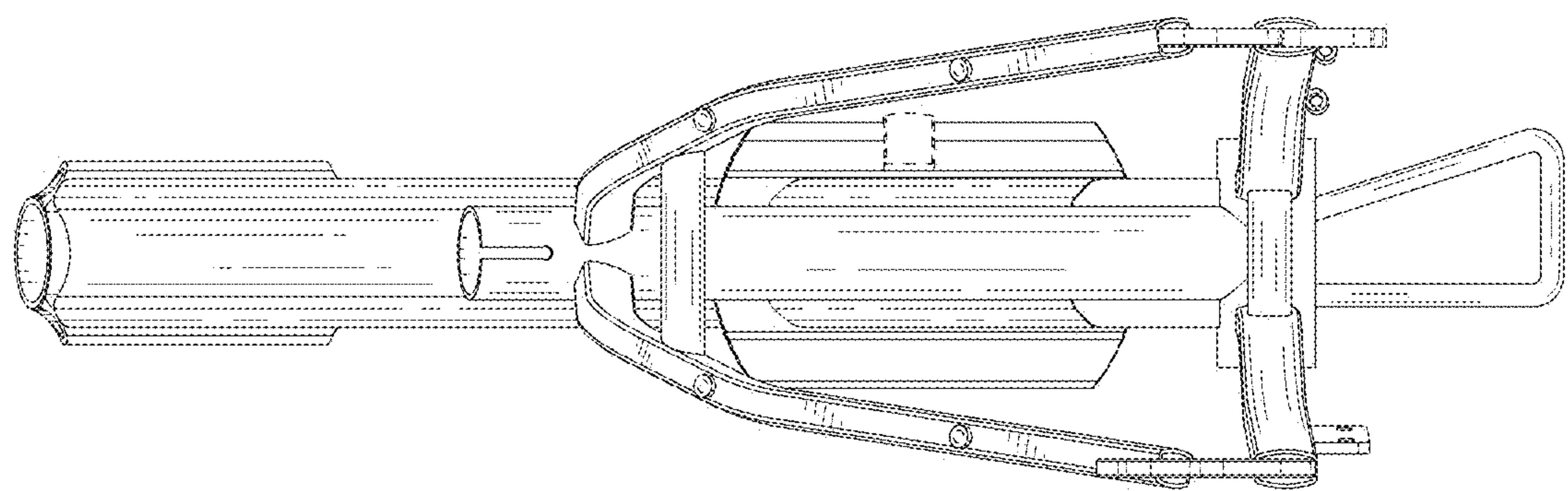


FIG. 5

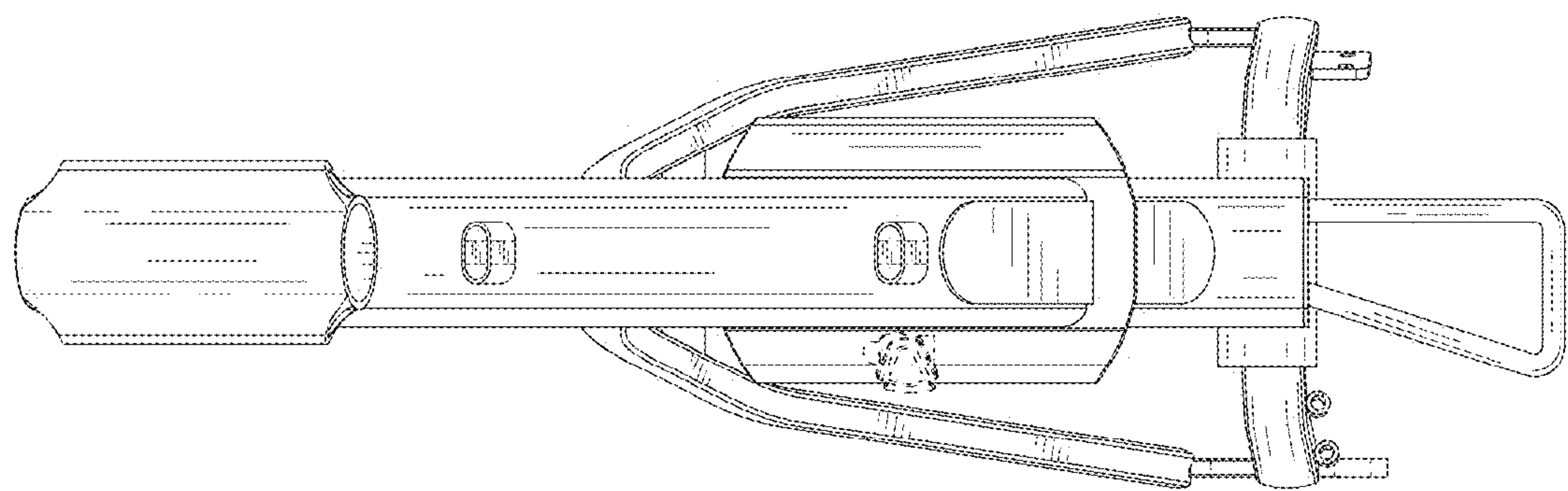


FIG. 6

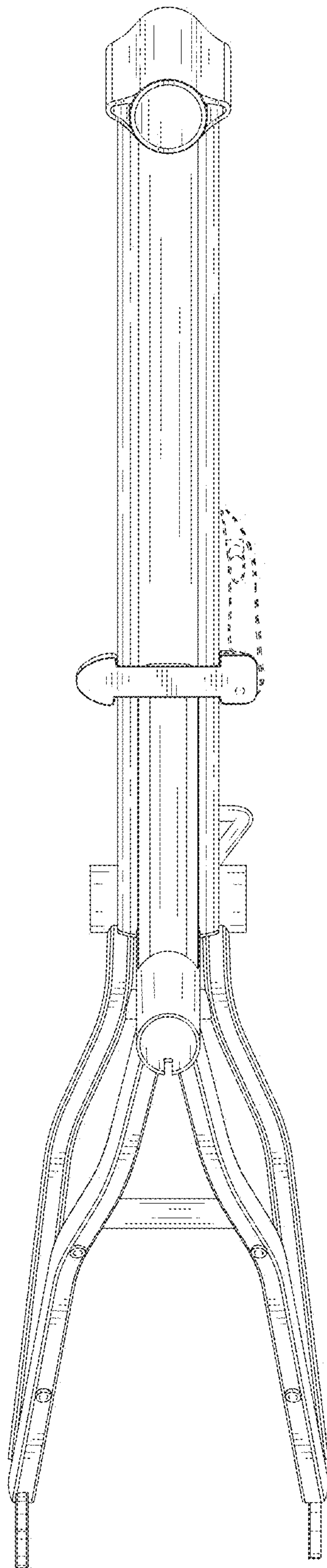


FIG. 7

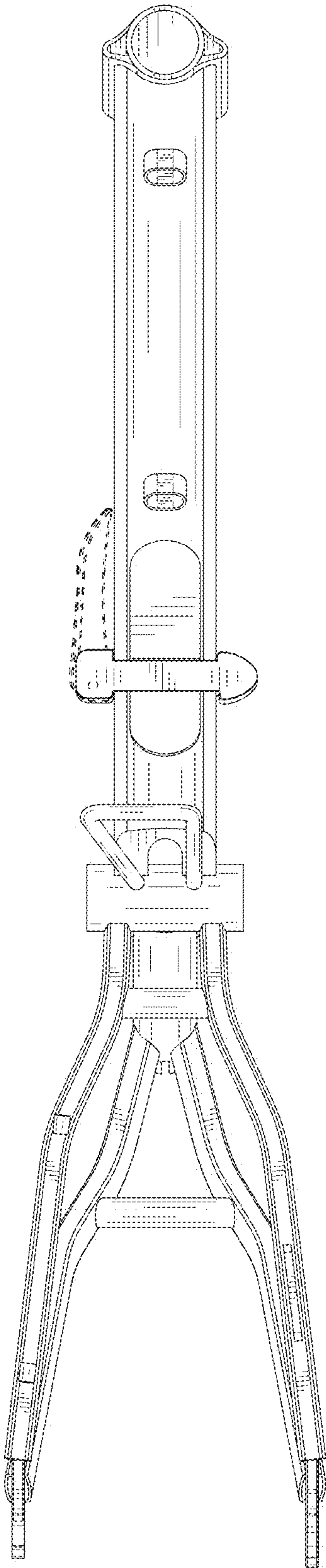


FIG. 8