

US00D949061S

(12) **United States Design Patent** (10) **Patent No.:** **US D949,061 S**  
**Su** (45) **Date of Patent:** **\*\* Apr. 19, 2022**

(54) **ELECTRIC BICYCLE FRAME**  
(71) Applicant: **ENERMAX TECHNOLOGY CORPORATION**, Taoyuan (TW)  
(72) Inventor: **Yen-Wen Su**, Taoyuan (TW)  
(73) Assignee: **ENERMAX TECHNOLOGY CORPORATION**, Taoyuan (TW)

(\*\*) Term: **15 Years**  
(21) Appl. No.: **29/749,877**

(22) Filed: **Sep. 9, 2020**  
(51) **LOC (13) Cl.** ..... **12-11**  
(52) **U.S. Cl.**  
USPC ..... **D12/111**  
(58) **Field of Classification Search**  
USPC ..... D12/110, 111, 117; D21/412, 414, 419,  
D21/423-428, 431-435  
CPC ..... B62K 3/00; B62K 3/02; B62K 3/06  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

7,393,125 B1 \* 7/2008 Lai ..... B62K 19/40  
280/281.1  
7,934,576 B2 \* 5/2011 Munksoe ..... B62K 19/30  
180/68.5  
8,979,110 B2 \* 3/2015 Talavasek ..... B62M 6/60  
280/279  
9,387,906 B2 \* 7/2016 Rasmussen ..... H01M 10/613  
D774,970 S \* 12/2016 D'Aluisio ..... D12/111  
9,611,003 B1 \* 4/2017 Yu ..... B62M 6/90  
D797,610 S \* 9/2017 Jankura ..... D12/111  
9,902,457 B2 \* 2/2018 Hu ..... B62M 6/90  
10,343,747 B2 \* 7/2019 Cunado Landa ..... B62M 6/90  
D858,363 S \* 9/2019 Hoshino ..... D12/117  
10,737,740 B2 \* 8/2020 D'Aluisio ..... B62K 25/08  
D904,234 S \* 12/2020 von Schöning ..... D12/111  
D909,257 S \* 2/2021 Muñoz ..... D12/111  
D917,348 S \* 4/2021 Shi ..... D12/111

D918,781 S \* 5/2021 Hüttl ..... D12/111  
D919,484 S \* 5/2021 von Schöning ..... D12/111  
D920,168 S \* 5/2021 van den Adel ..... D12/111  
D920,853 S \* 6/2021 von Schöning ..... D12/111  
D924,734 S \* 7/2021 Kitayama ..... D12/111  
D929,268 S \* 8/2021 Bass ..... D12/111

(Continued)

**OTHER PUBLICATIONS**

Hadley Keller. "5 of the Most Innovative New Bikes on the Market." Architectural Digest, Apr. 18, 2016 [online], [retrieved on Feb. 11, 2022]. Retrieved from the Internet <URL: <https://www.architecturaldigest.com/gallery/bicycles-buy-this-year-bikes-for-sale>>.\*

(Continued)

*Primary Examiner* — Darlington Ly  
(74) *Attorney, Agent, or Firm* — Chun-Ming Shih; HDLS IPR Services

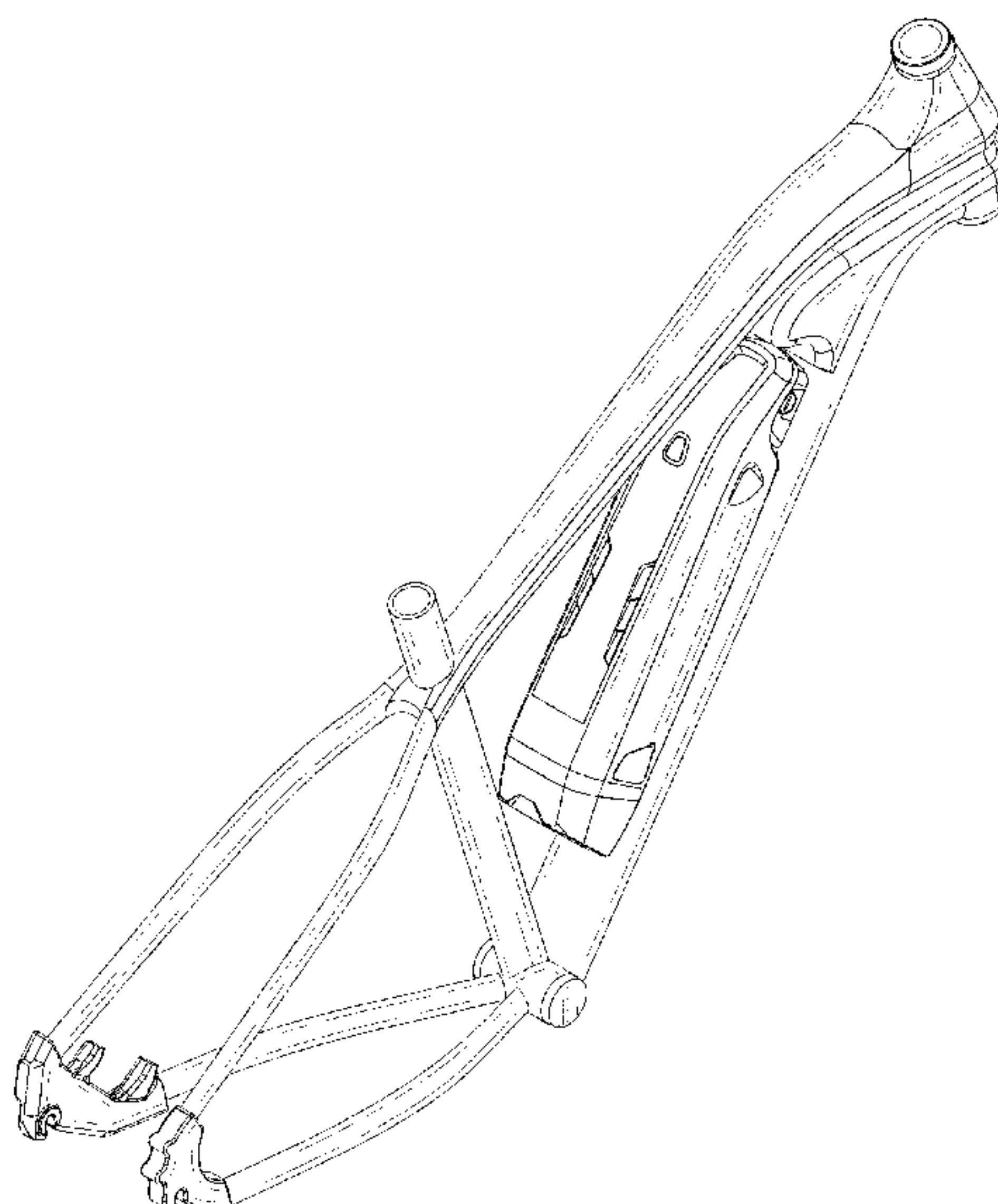
(57) **CLAIM**

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

**DESCRIPTION**

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

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2016/0311494 A1\* 10/2016 Schiewert ..... B62K 19/40  
2017/0174095 A1\* 6/2017 Shieh ..... B60L 50/64

OTHER PUBLICATIONS

Seth Weintraub. "Review: Serial 1 Mosh CTY e-bike is an urban commuter dream." Electrek., Nov. 23, 2021 [online], [retrieved on Feb. 11, 2022]. Retrieved from the Internet <URL: <https://electrek.co/2021/11/23/serial-1-mosh-cty-e-bike-is-an-urban-commuter-dream/>>.\*

Micah Toll. "This street-legal electric bicycle is really a 2.5 kW light electric motorcycle." Electrek., Oct. 4, 2019 [online], [retrieved on Feb. 11, 2022]. Retrieved from the Internet <URL: <https://electrek.co/2019/10/04/lmx-64h-electric-bicycle-e-motorcycle-homologated/>>.\*

\* cited by examiner

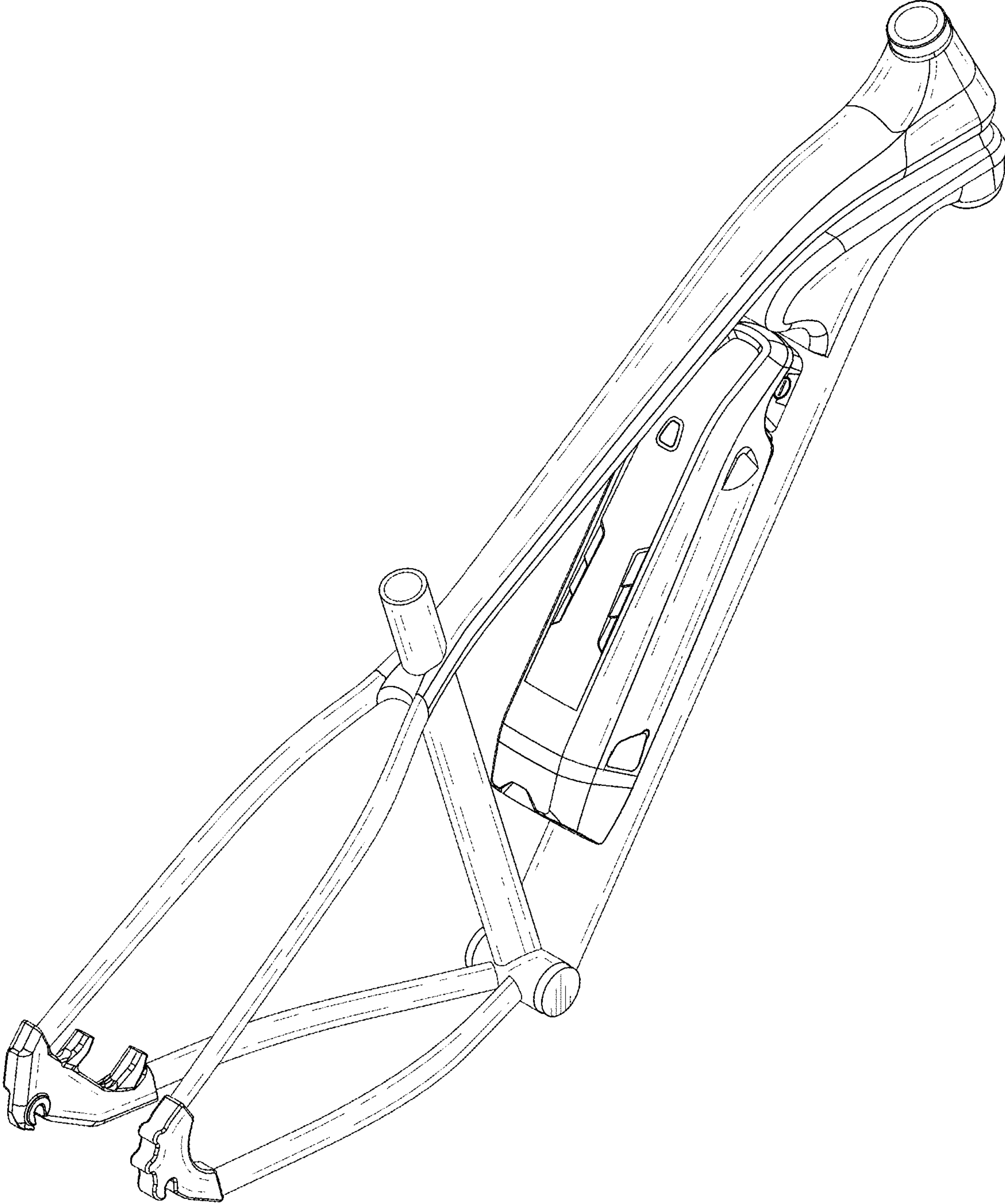


FIG.1

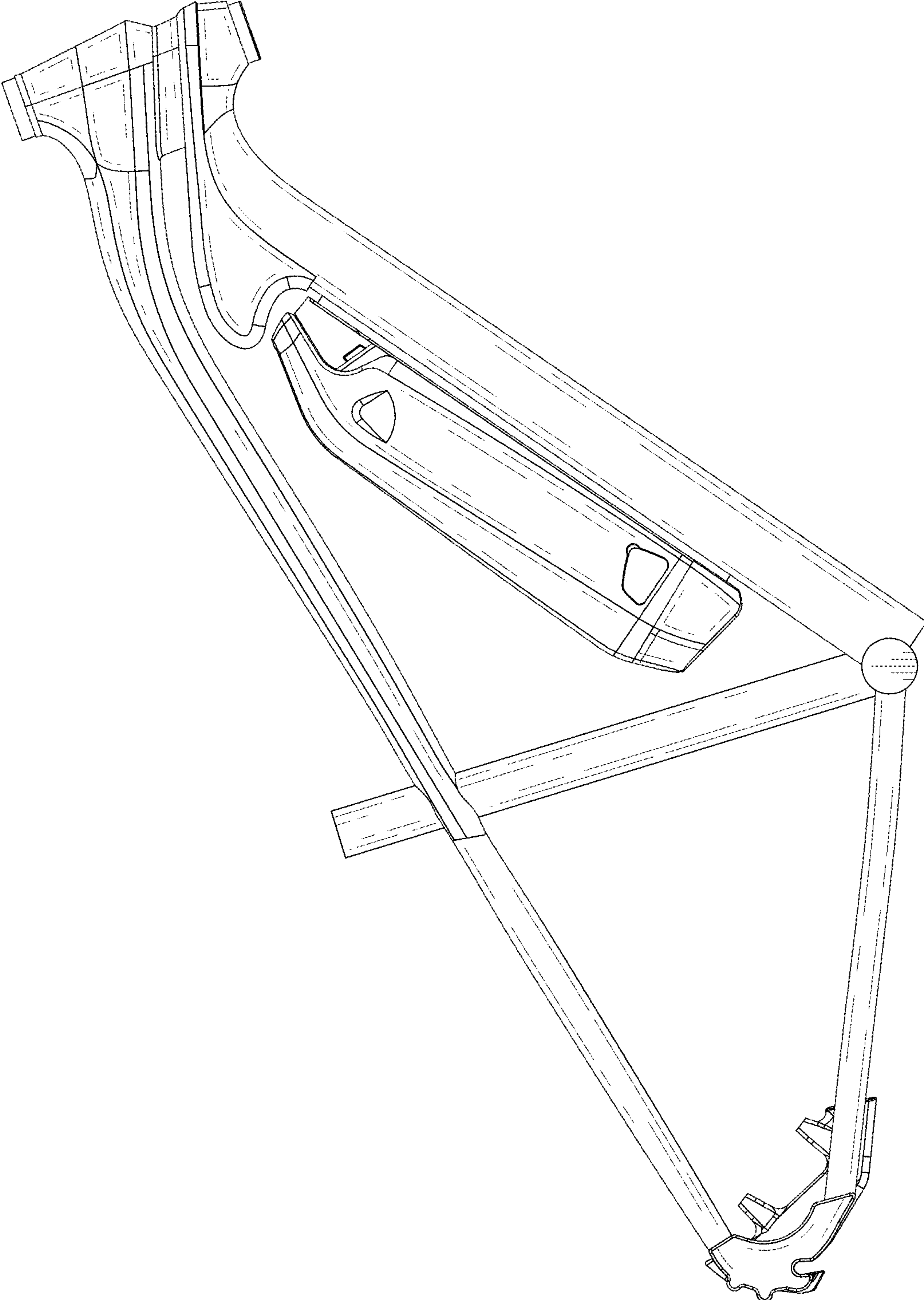


FIG.2



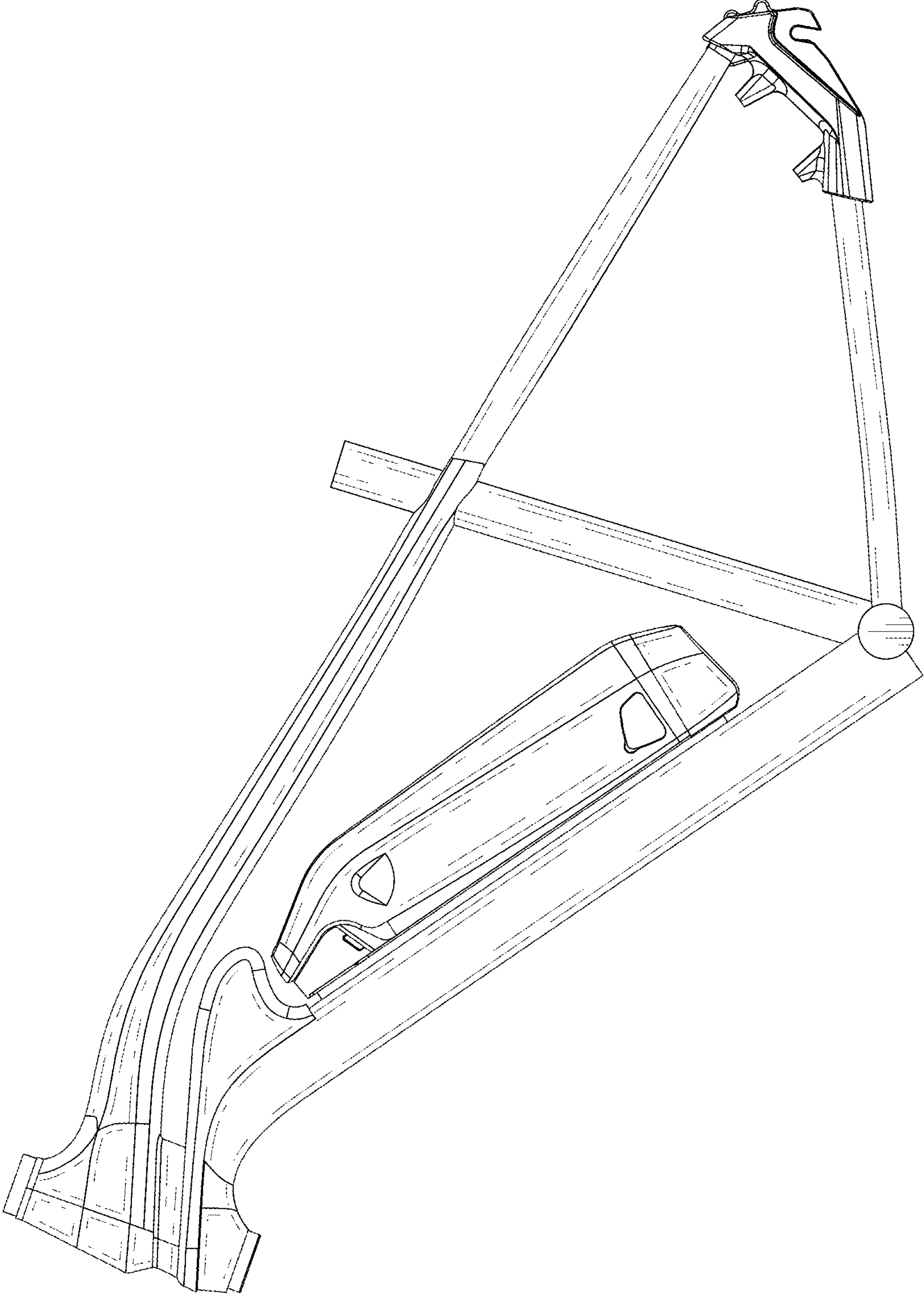


FIG.3

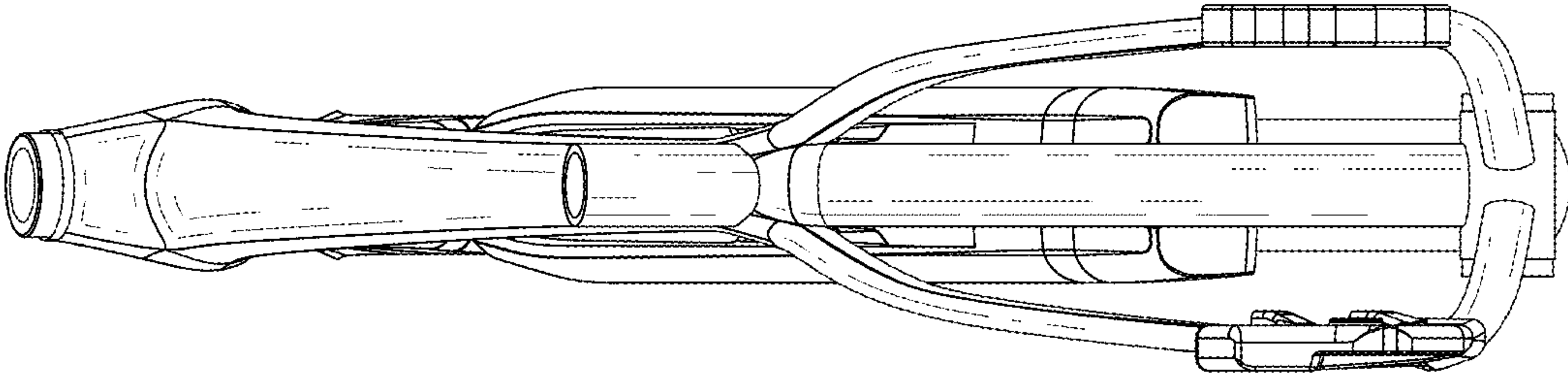


FIG.4

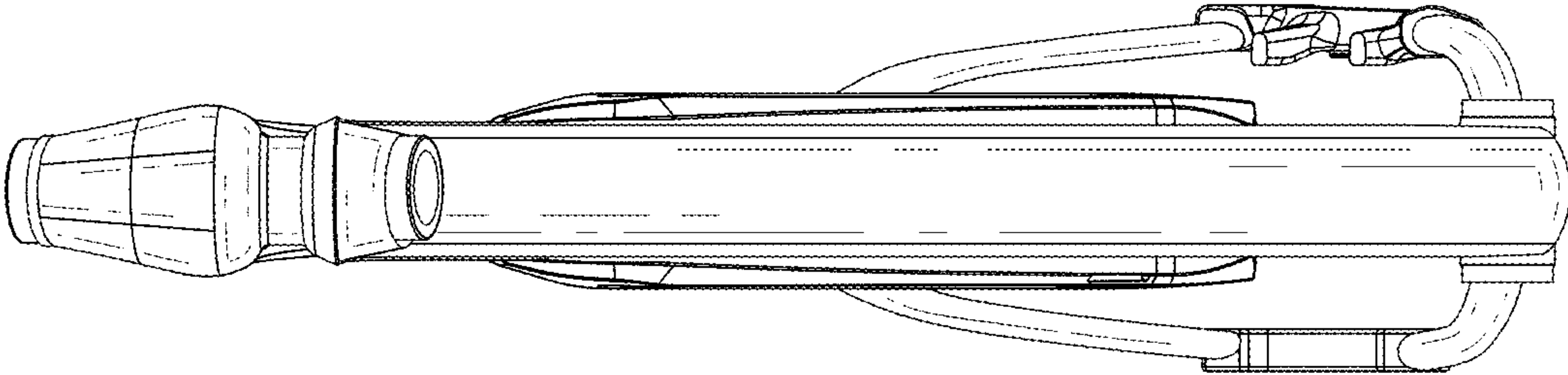


FIG. 5

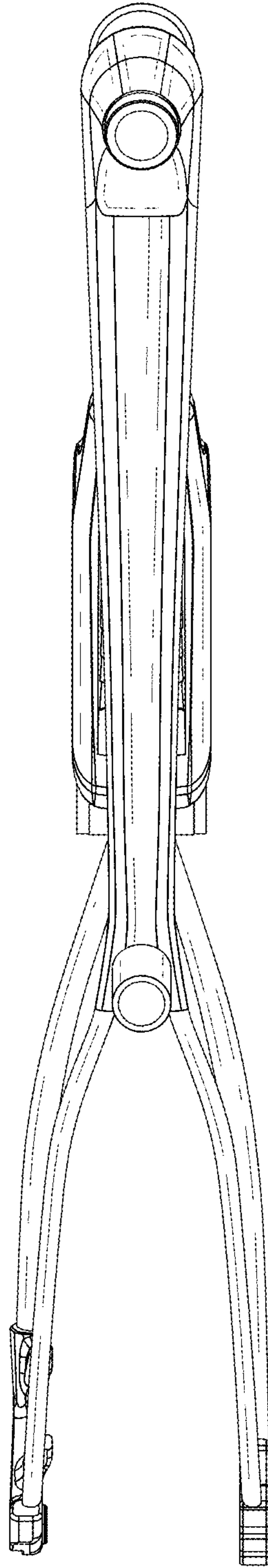


FIG. 6



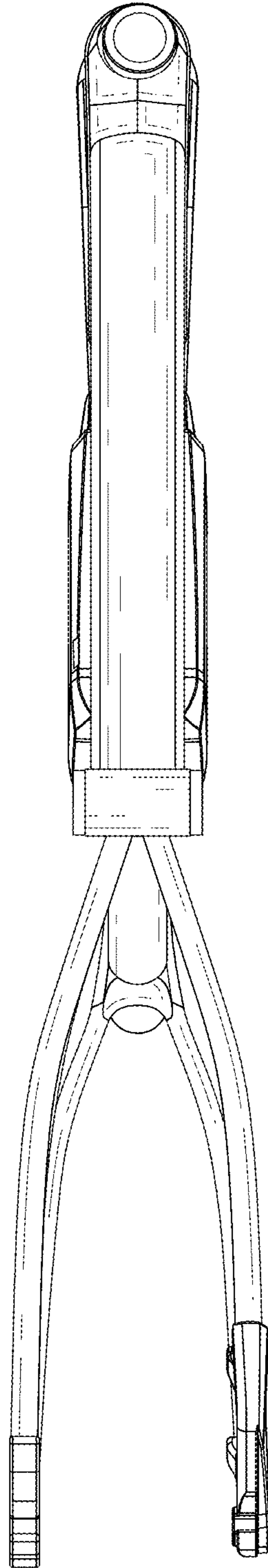


FIG. 7

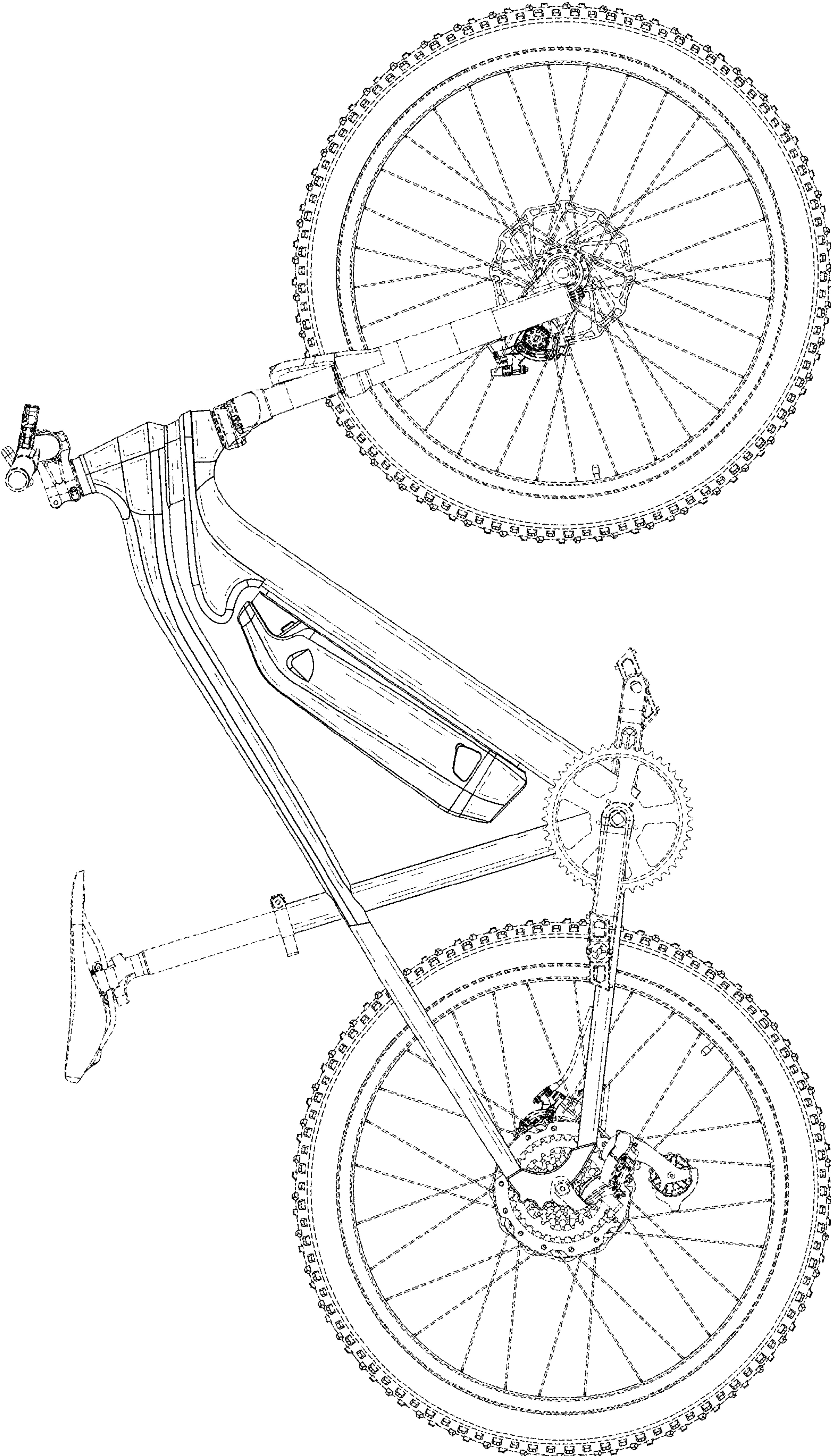


FIG.8