

(12)

United States Design Patent

Wu

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(54) **ELECTRIC BIKE**

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(72) Inventor: **Changsuo Wu**, Dalian (CN)

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

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

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

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D21/423–428, 431–435
CPC ... B62K 3/00; B62K 3/02; B62K 3/06; B62K
11/00; B62K 11/02; B62K 11/04; B62K
11/10; B62K 17/00; B62K 19/00; B62K
2202/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D670,208 S	*	11/2012	Frenzel	.....	D12/111
D689,409 S	*	9/2013	Yap	.....	D12/111
D694,156 S	*	11/2013	Taipalus	.....	D12/111
D797,609 S	*	9/2017	Gonzalez-Gancedo Carrillo-Albornoz	.....	D12/111
D828,231 S	*	9/2018	Yan	.....	D12/111
D833,333 S	*	11/2018	Yu	.....	D12/111
D845,178 S	*	4/2019	Yan	.....	D12/111
D847,032 S	*	4/2019	Yan	.....	D12/111
D847,033 S	*	4/2019	Yan	.....	D12/111
D850,982 S	*	6/2019	Zhu	.....	D12/111
D917,349 S	*	4/2021	Fan	.....	D12/111
D924,102 S	*	7/2021	Avery	.....	D12/111
D933,537 S	*	10/2021	Zhang	.....	D12/111
D933,538 S	*	10/2021	Chen	.....	D12/111
D950,423 S	*	5/2022	Chen	.....	D12/111
D965,477 S	*	10/2022	Zhang	.....	D12/111

D972,459 S	*	12/2022	Wen	.....	D12/111
D988,198 S	*	6/2023	Cao	.....	D12/111
D988,201 S	*	6/2023	Chan	.....	D12/111

(Continued)

FOREIGN PATENT DOCUMENTS

EP	1953079 A1	*	8/2008	.....	B62M 6/45
JP	2014144767 A	*	8/2014	.....	B60L 15/20

(Continued)

OTHER PUBLICATIONS

“The Bikes.” Vital MTB., Feb. 22, 2011 [online], [retrieved on Jun. 28, 2023]. Retrieved from the Internet <URL: <https://www.vitalmtb.com/photos/member/Photos,2039/The-Bikes,15766/Aaron-Chao,3659>>.*

(Continued)

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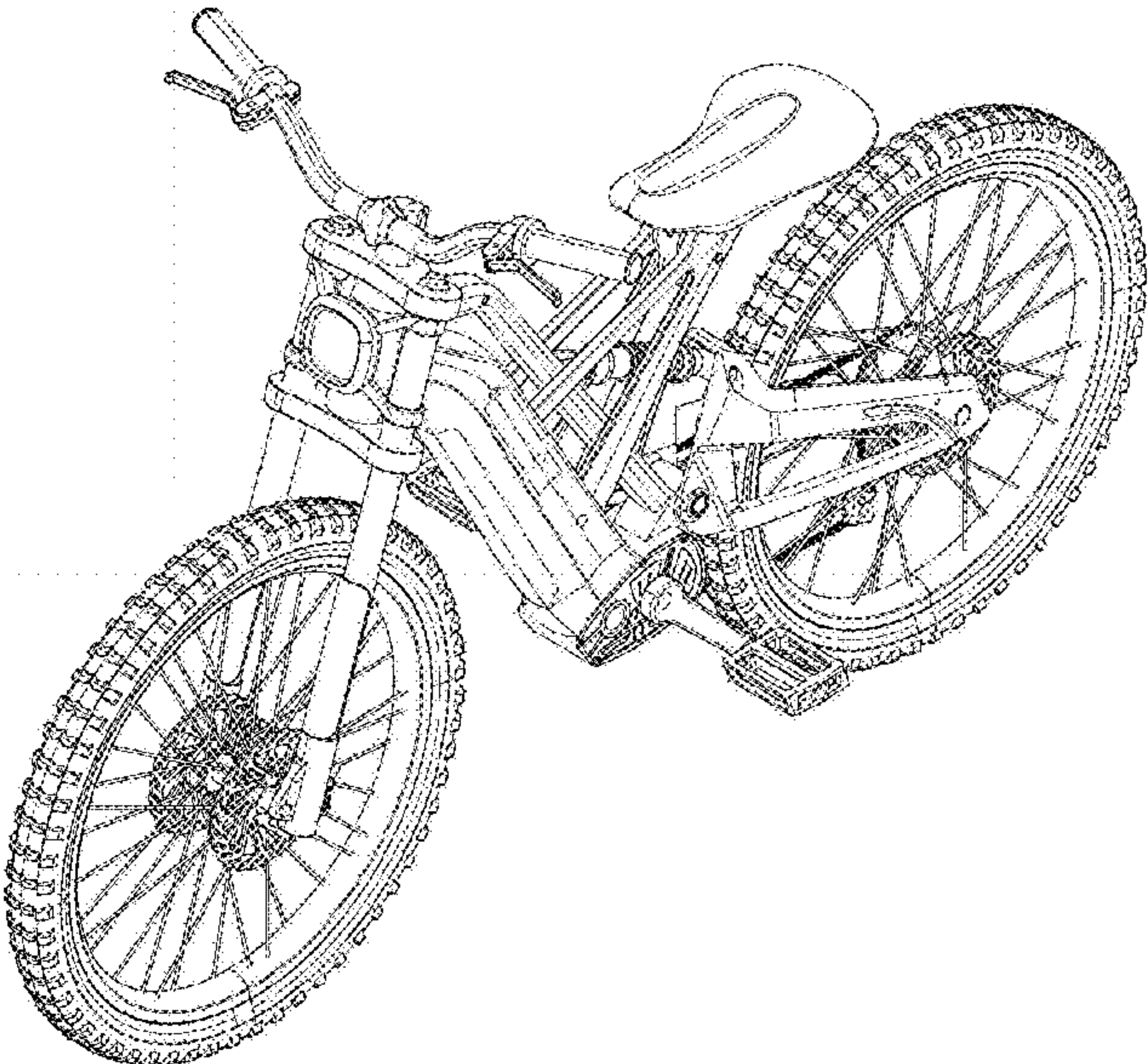
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a left side elevation view of an electric bike embodying my new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a right side elevation view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a top, rear, and left side perspective view thereof;
FIG. 8 is a top, front, and left side perspective view thereof;
FIG. 9 is a top, rear, and right side perspective view thereof;
and,
FIG. 10 is a top, front, and right side perspective view thereof.

1 Claim, 10 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

2022/0332389 A1 * 10/2022 Braedt B62J 43/13
2023/0002005 A1 * 1/2023 Duggan B62M 6/55

FOREIGN PATENT DOCUMENTS

JP 2016199235 A * 12/2016
JP 2021062640 A * 4/2021
WO WO-2005039917 A1 * 5/2005 B60L 50/20

OTHER PUBLICATIONS

TechTrends. “Best Mid Drive Electric Bike 2022 | Top 5 New Mid Drive E-Bikes 2022.” YouTube., May 18, 2022 [online], [retrieved on Nov. 2, 2022]. Retrieved from the Internet <URL: <https://www.youtube.com/watch?v=f1eFZCaHw8g>>.*
Area 13. “I want Dual Batteries with Belt Drive on an Electric Bike.” YouTube., May 14, 2020 [online], [retrieved on Nov. 2, 2022]. Retrieved from the Internet <URL: <https://www.youtube.com/watch?v=w7sFCvZxPJY>>.*
Gadget Etc. “5 Best Fat Tire Electric Bikes of 2022 | Fat Tire e-Bike.” YouTube., Jan. 3, 2022 [online], [retrieved on Nov. 2, 2022]. Retrieved from the Internet <URL: https://www.youtube.com/watch?v=gh_sS2KWNWo>.*

* cited by examiner

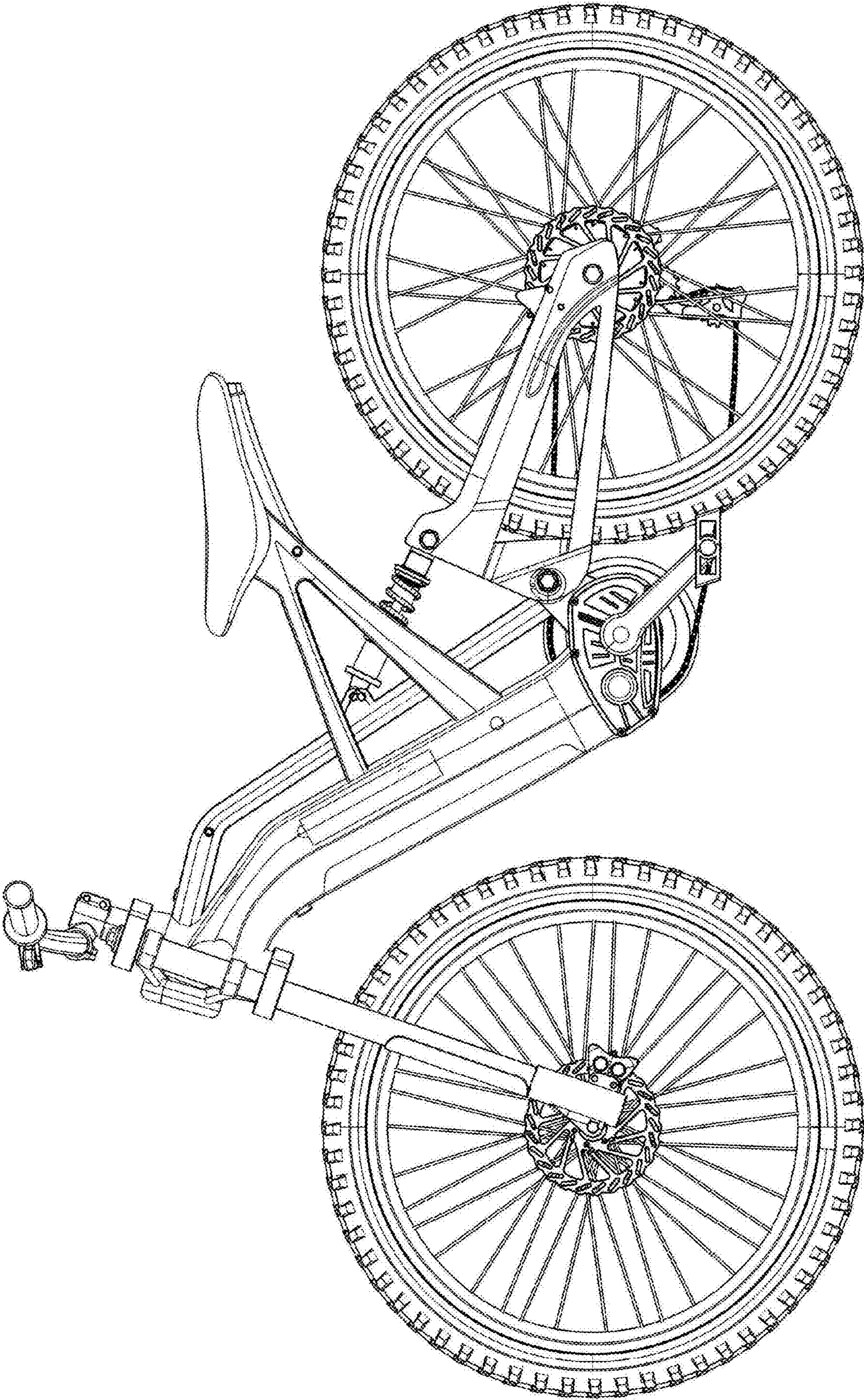


FIG. 1

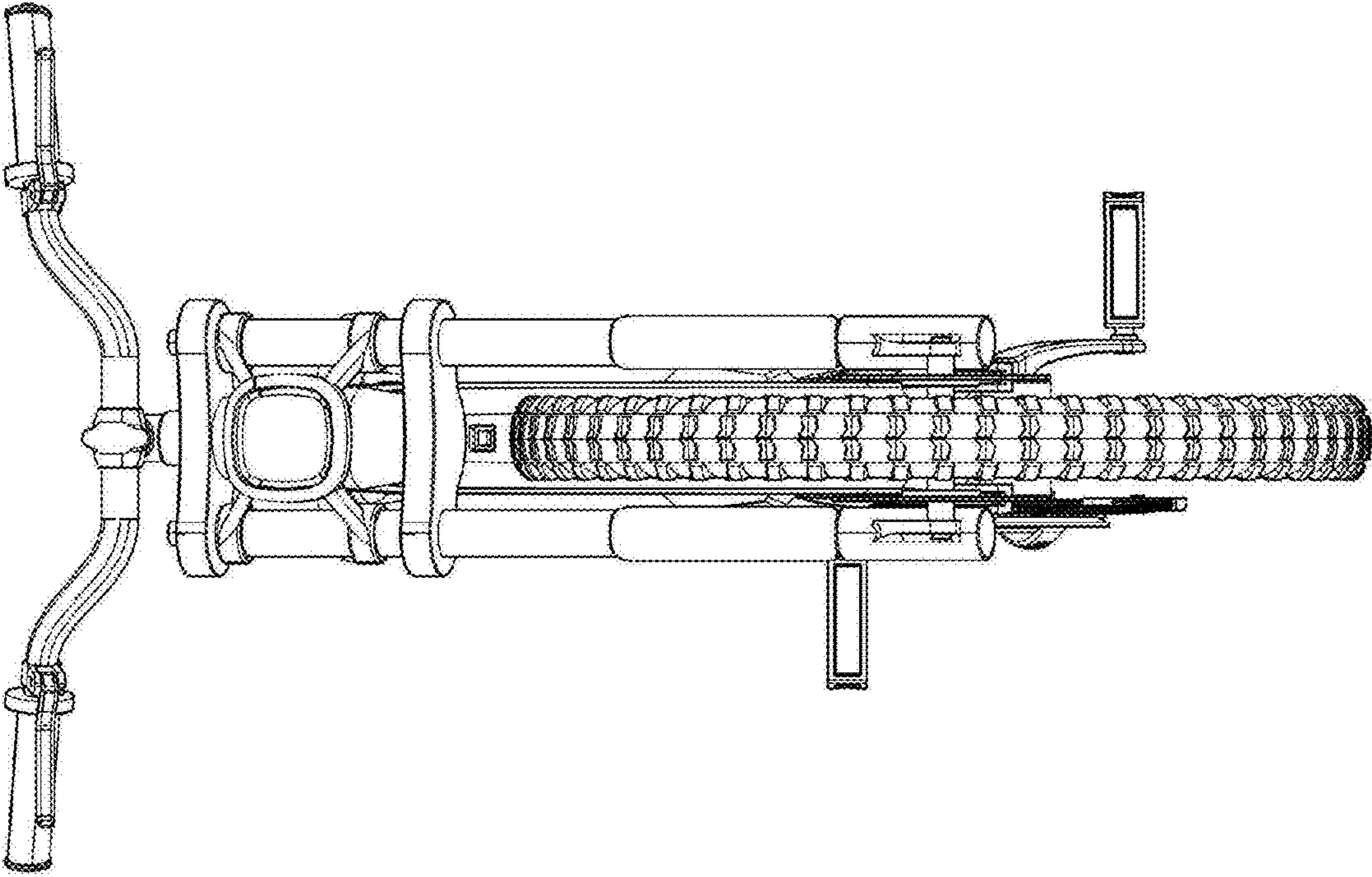


FIG. 2

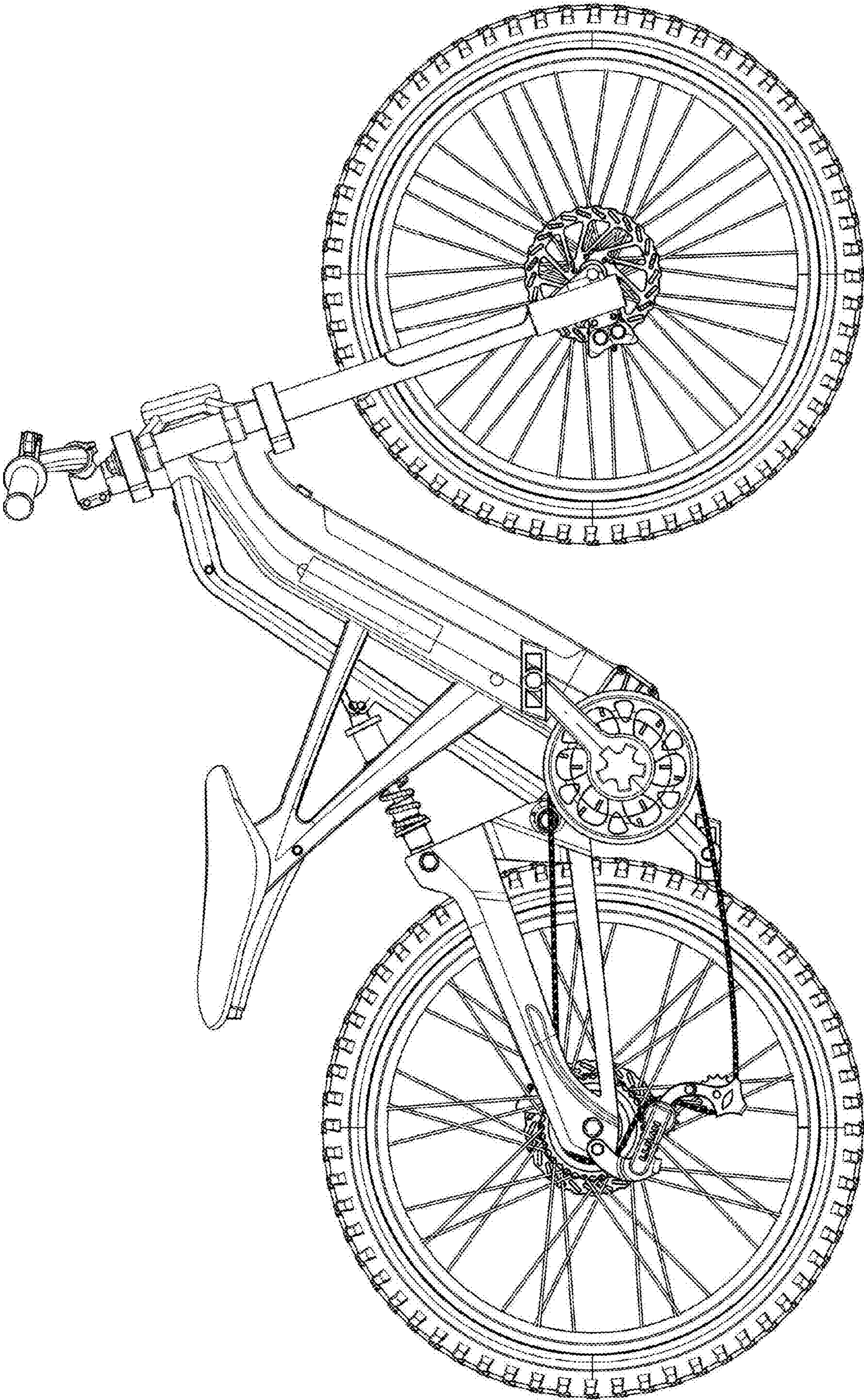


FIG. 3

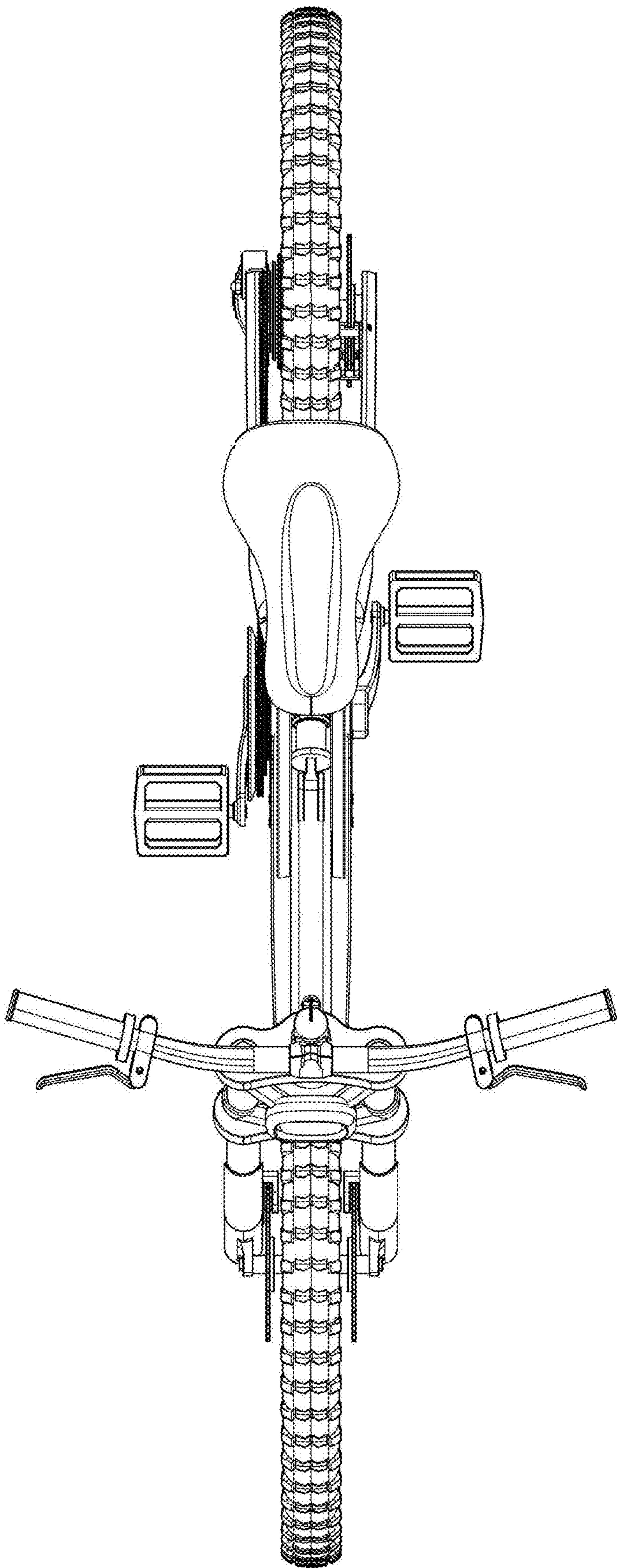


FIG. 4

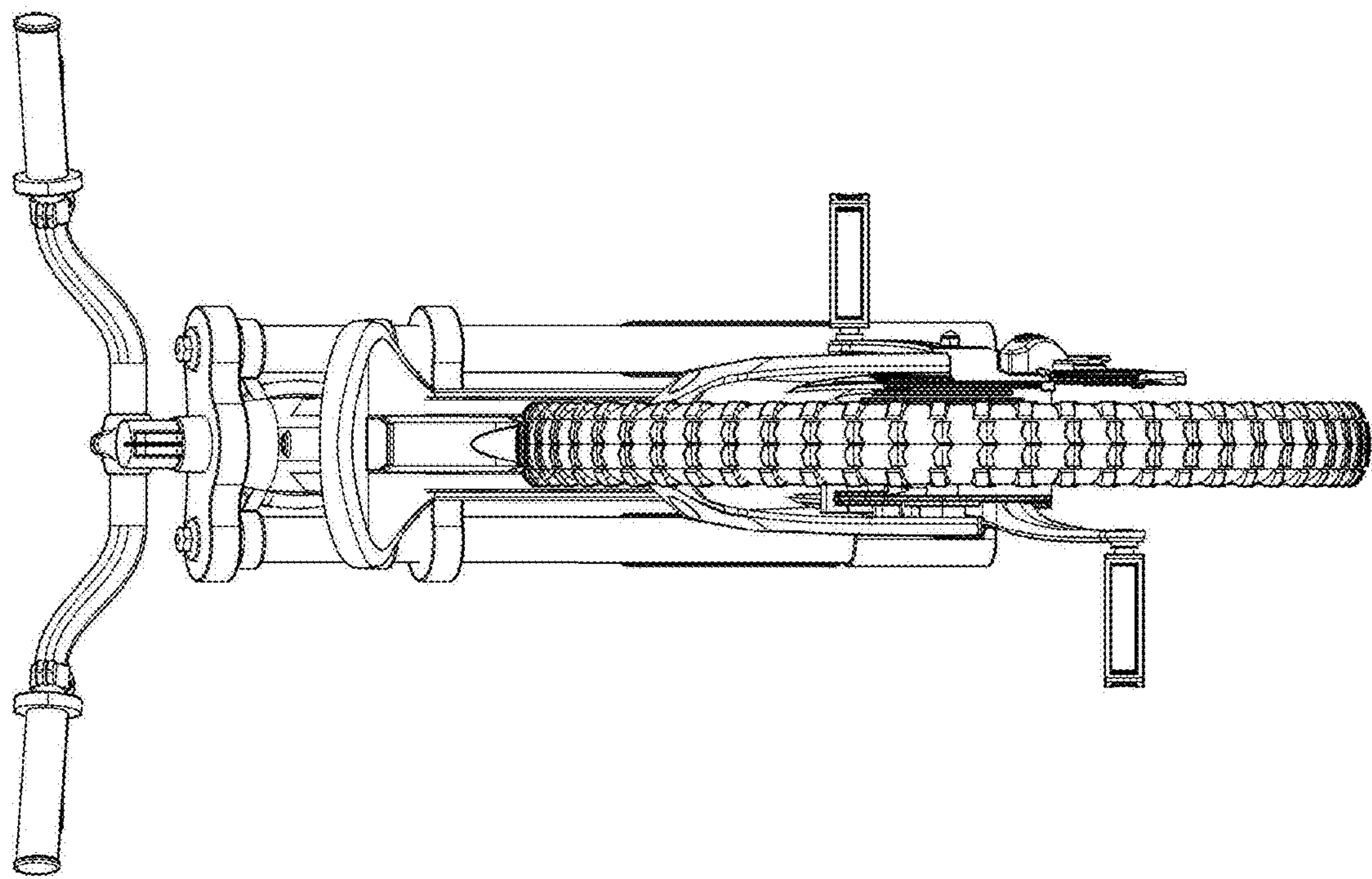


FIG. 5

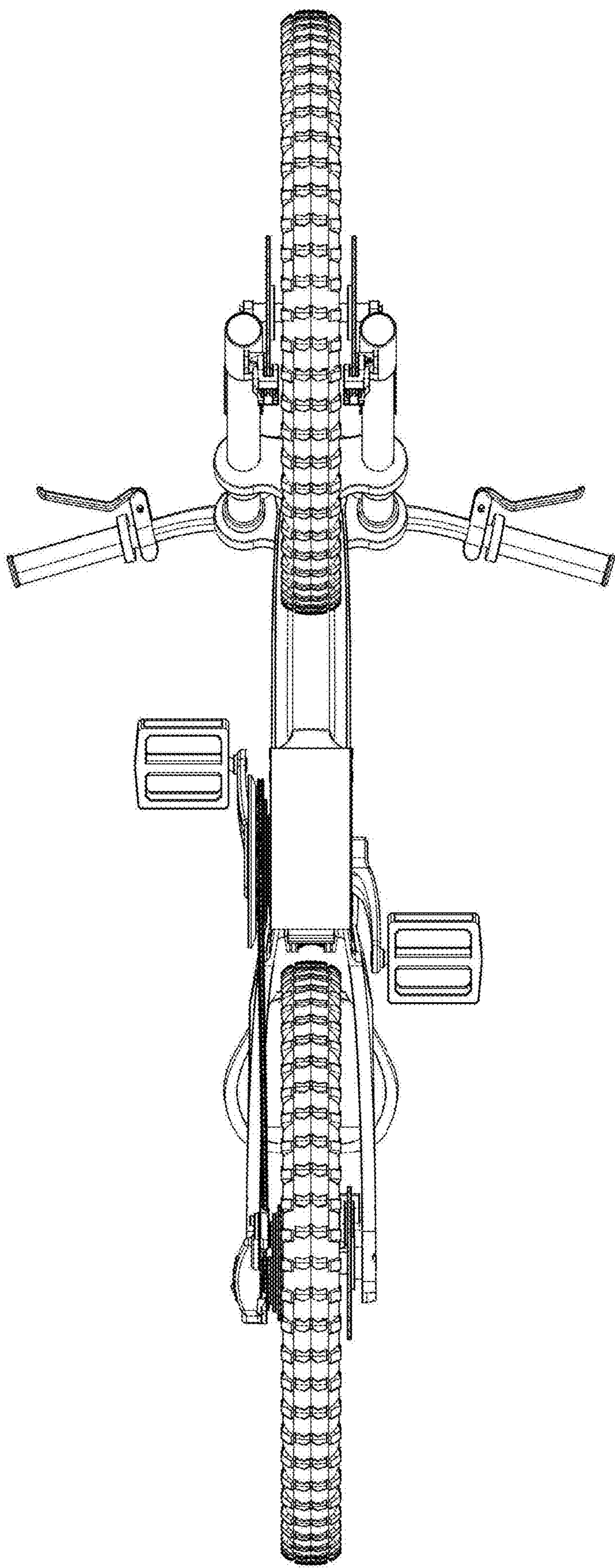


FIG. 6

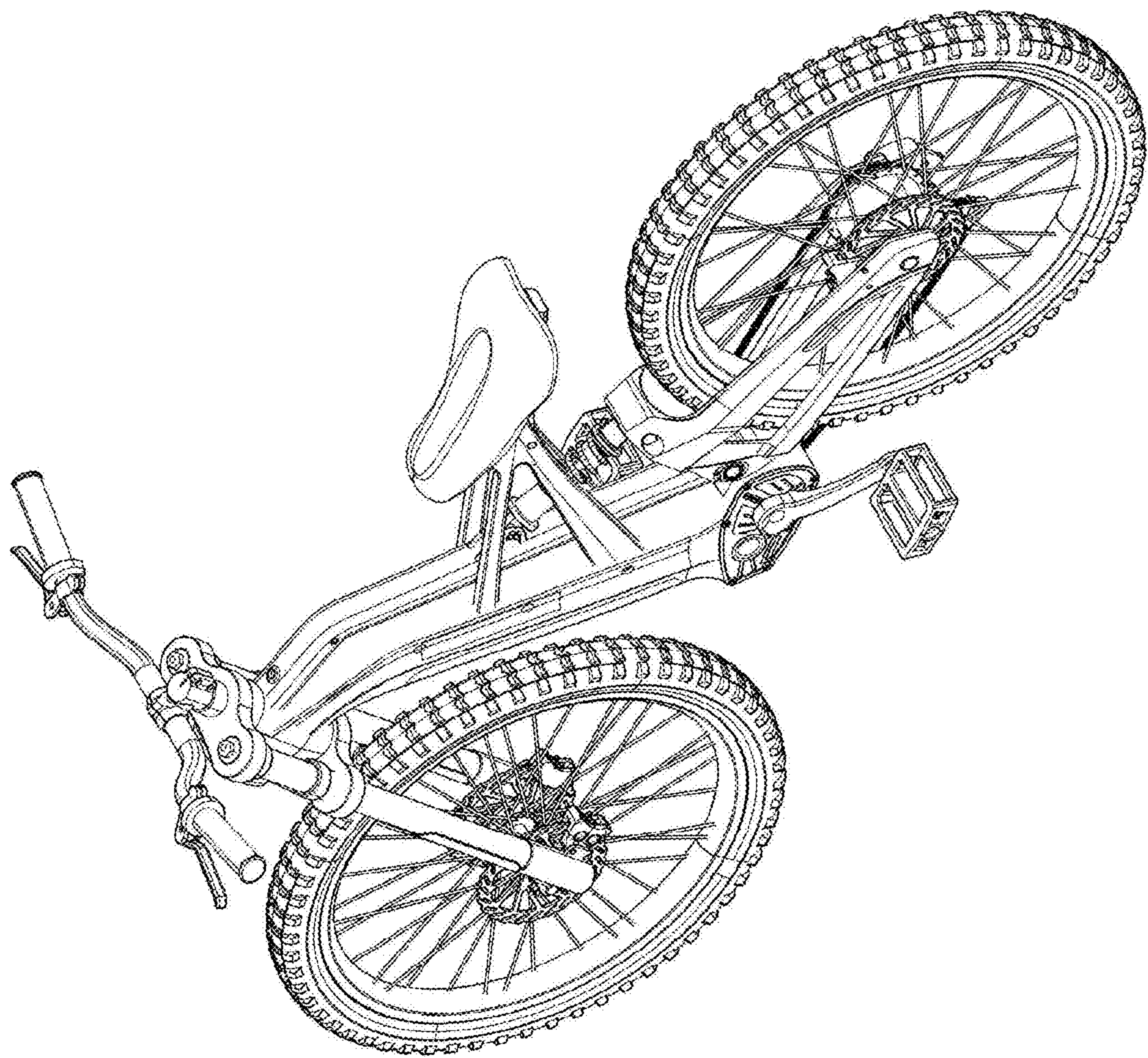


FIG. 7

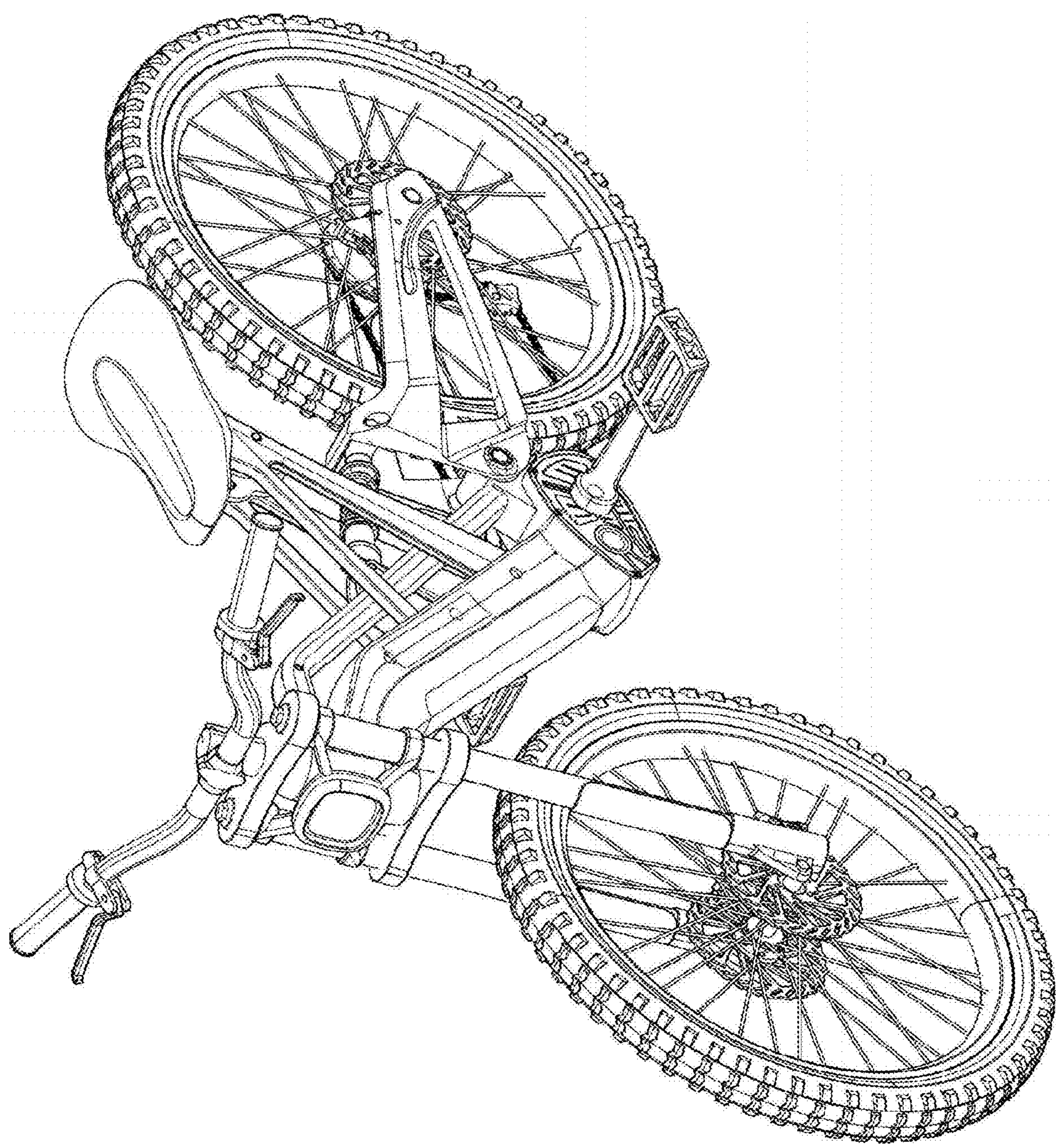


FIG. 8

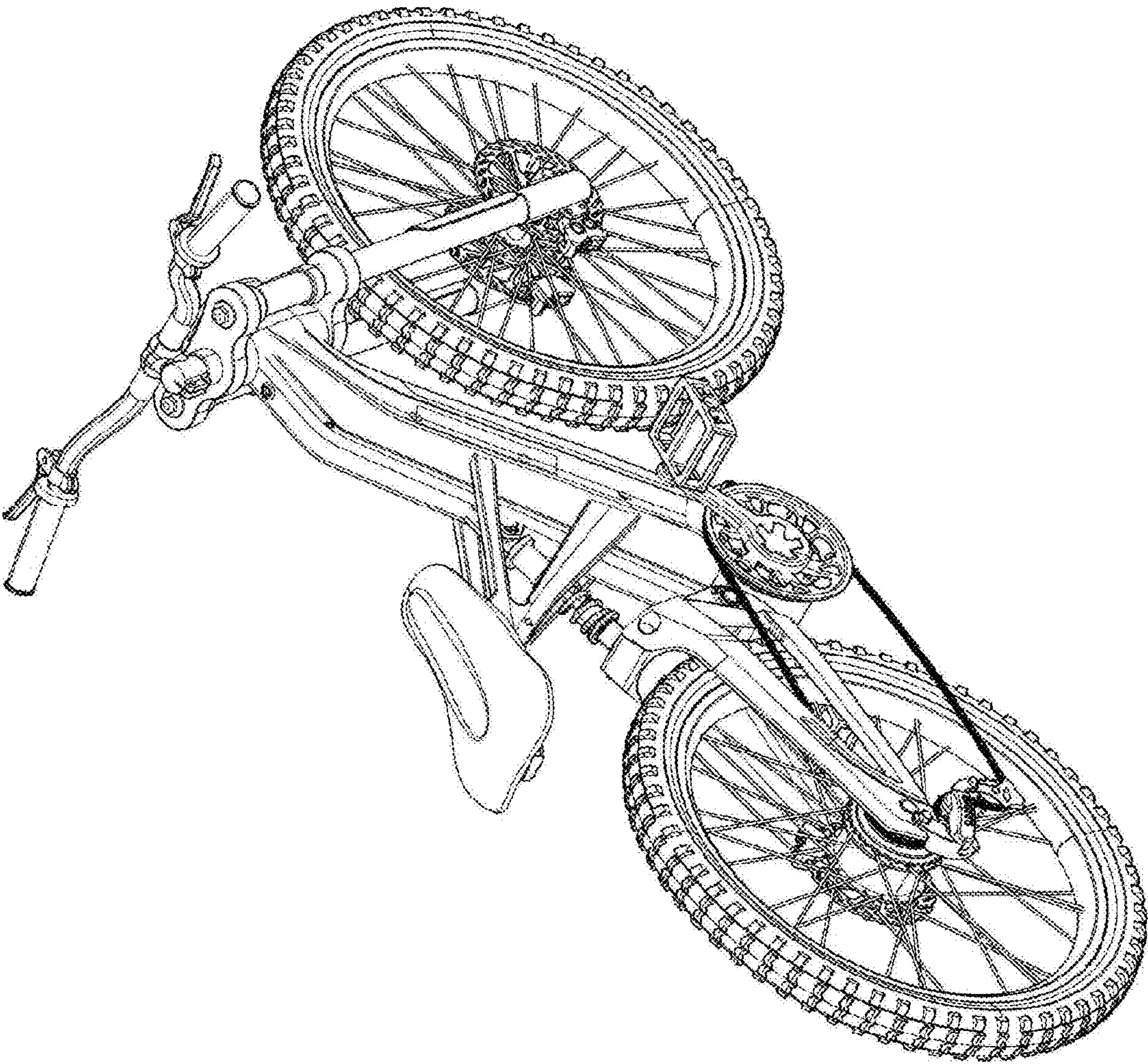


FIG. 9

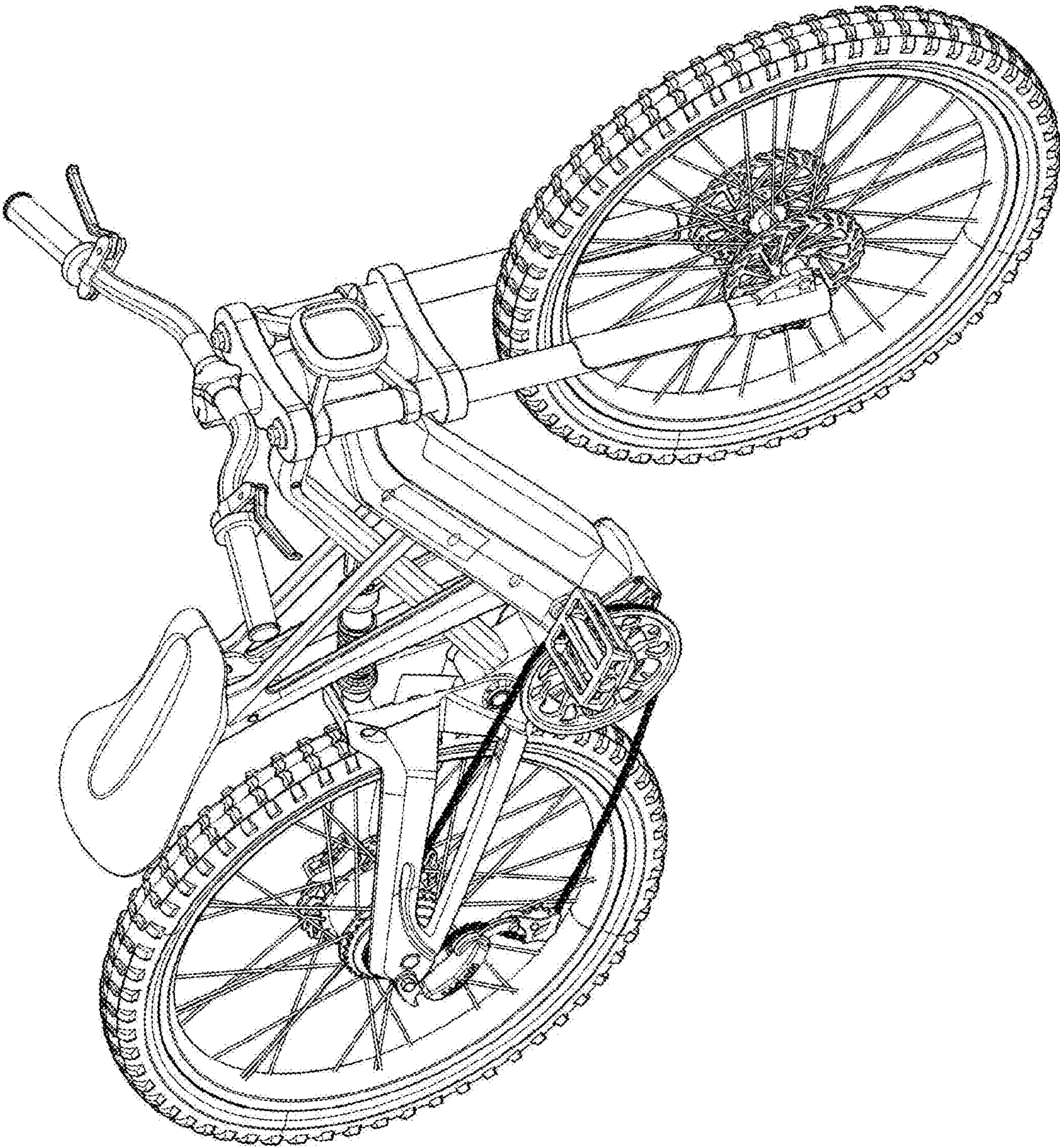


FIG. 10