

(12)

United States Design Patent

Yang

(10)

Patent No.:

US D1,009,720 S

(45)

Date of Patent:

** Jan. 2, 2024

(54) **ELECTRIC BICYCLE**

(71) Applicant: **Le Yang**, Changde (CN)

(72) Inventor: **Le Yang**, Changde (CN)

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

(21) Appl. No.: **29/835,689**

(22) Filed: **Apr. 21, 2022**

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

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

(58) **Field of Classification Search**
USPC D12/111, 117; D21/412, 414, 419,
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			
4,634,138	A *	1/1987	Fryer B62K 15/008 280/278
5,836,602	A *	11/1998	Wang B62K 15/008 280/278
6,267,401	B1 *	7/2001	De Jong B62K 15/008 280/287
D487,234	S *	3/2004	Chen D12/111
D498,438	S *	11/2004	Ying D12/111
7,156,409	B2 *	1/2007	Chuang B62K 15/006 280/281.1
D756,264	S *	5/2016	Thompson D12/111
D807,233	S *	1/2018	Zhang D12/111
D833,916	S *	11/2018	Yu D12/111
D843,269	S *	3/2019	Shi D12/111
D898,625	S *	10/2020	Lin D12/111
D900,680	S *	11/2020	Chen D12/111
D914,548	S *	3/2021	Chen D12/111

D925,404	S *	7/2021	Lin D12/111
D925,405	S *	7/2021	Lin D12/111
D933,538	S *	10/2021	Chen D12/111
D934,120	S *	10/2021	Zhu D12/111
D952,521	S *	5/2022	Wang D12/111
D953,936	S *	6/2022	Zhu D12/111

(Continued)

FOREIGN PATENT DOCUMENTS

JP	2002326595	A *	11/2002	.....	B62M 6/55
JP	2003237680	A *	8/2003	.....	
WO	WO-2010148618	A1 *	12/2010	.....	B62K 19/30

OTHER PUBLICATIONS

“Best 1000w Fastest Folding Electric Bike for Sale.” Alesha Tech., Aug. 6, 2019 [online], [retrieved on Sep. 19, 2023]. Retrieved from the Internet <URL: <https://www.cnsteed.com/Best-1000w-Fastest-Folding-Electric-Bike-for-Sale-pd6878728.html>>.*

(Continued)

Primary Examiner — Darlington Ly

(74) Attorney, Agent, or Firm — Jose Cherson Weissbrot

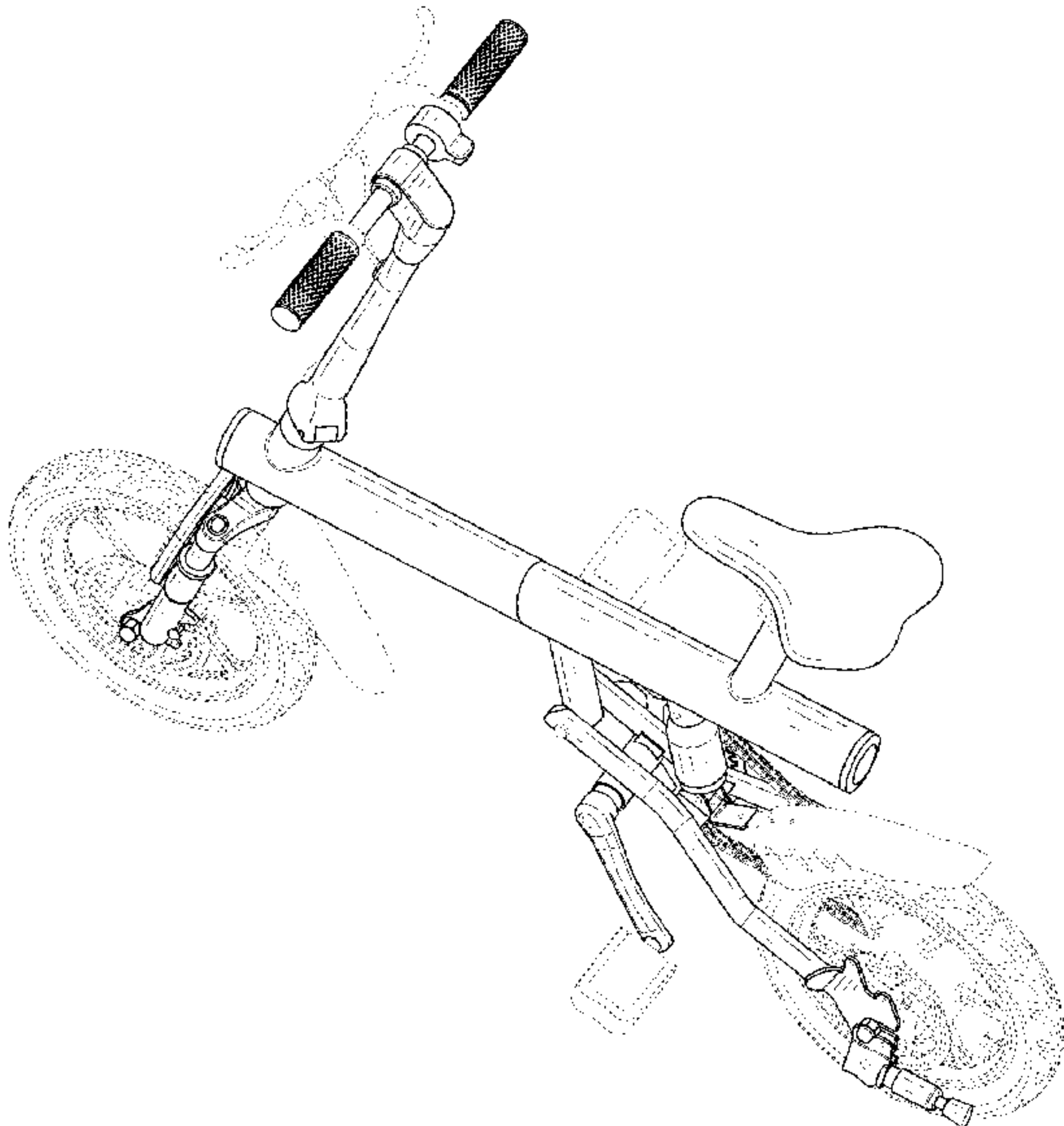
(57) **CLAIM**

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

DESCRIPTION

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

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D958,008	S	*	7/2022	Zeng	.....	D12/111
D960,054	S	*	8/2022	Yang	.....	D12/111
D981,288	S	*	3/2023	Zhu	.....	D12/111
D988,201	S	*	6/2023	Chan	.....	D12/111
D990,377	S	*	6/2023	Zhu	.....	D12/111
D991,100	S	*	7/2023	Wang	.....	D12/111
D992,464	S	*	7/2023	Xiong	.....	D12/111
D995,362	S	*	8/2023	Li	.....	D12/111
D997,038	S	*	8/2023	Li	.....	D12/111
D997,039	S	*	8/2023	Li	.....	D12/111

OTHER PUBLICATIONS

“GPS Tracking for Foldable Bikes.” Live View GPS., Aug. 6, 2018 [online], [retrieved on Sep. 19, 2023]. Retrieved from the Internet <URL: <https://www.liveviewgps.com/blog/gps-tracking-foldable-bikes/>>.*

“High Carbon Steel High Quality 20 Inch Folding Bike.” Beimudou., Jun. 20, 2021 [online], [retrieved on Sep. 19, 2023]. Retrieved from the Internet <URL: <https://www.beimudoubike.com/high-carbon-steel-high-quality-20-inch-folding-bike-product/>>.*

“Ecotric Electric Bike 500W Folding Ebike . . .” Amazon., Jan. 25, 2021 [online], [retrieved on Sep. 19, 2023]. Retrieved from the Internet <URL: https://www.amazon.com/ECOTRIC-Powerful-Aluminum-Electric-Mountain/dp/B091JQHLM4/ref=sr_1_16?keywords=single%2Btube%2Bfolding%2Belectric%2Bbicycle&qid=1695140030&sr=8-16&th=1>.*

* cited by examiner

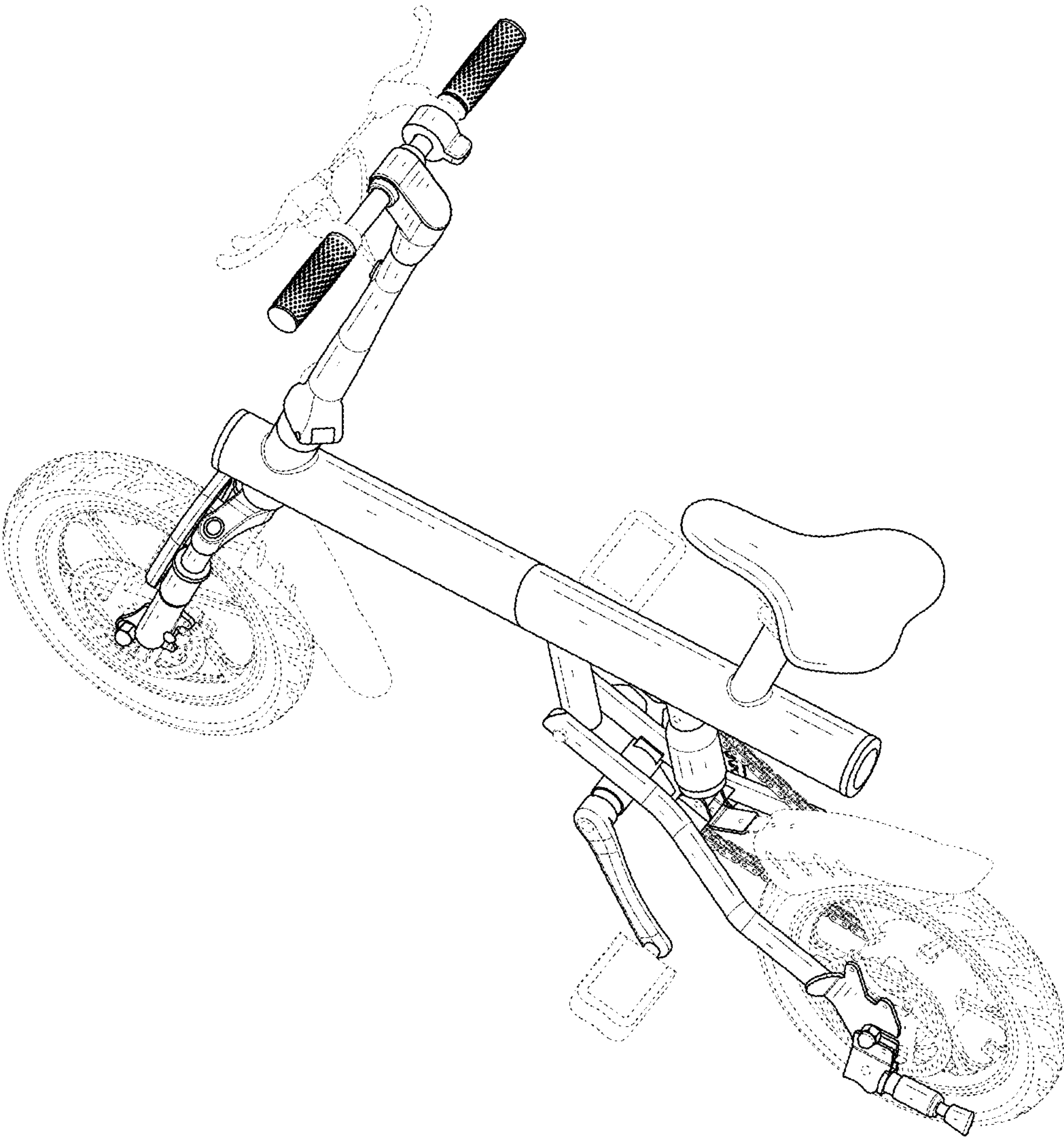


FIG. 1

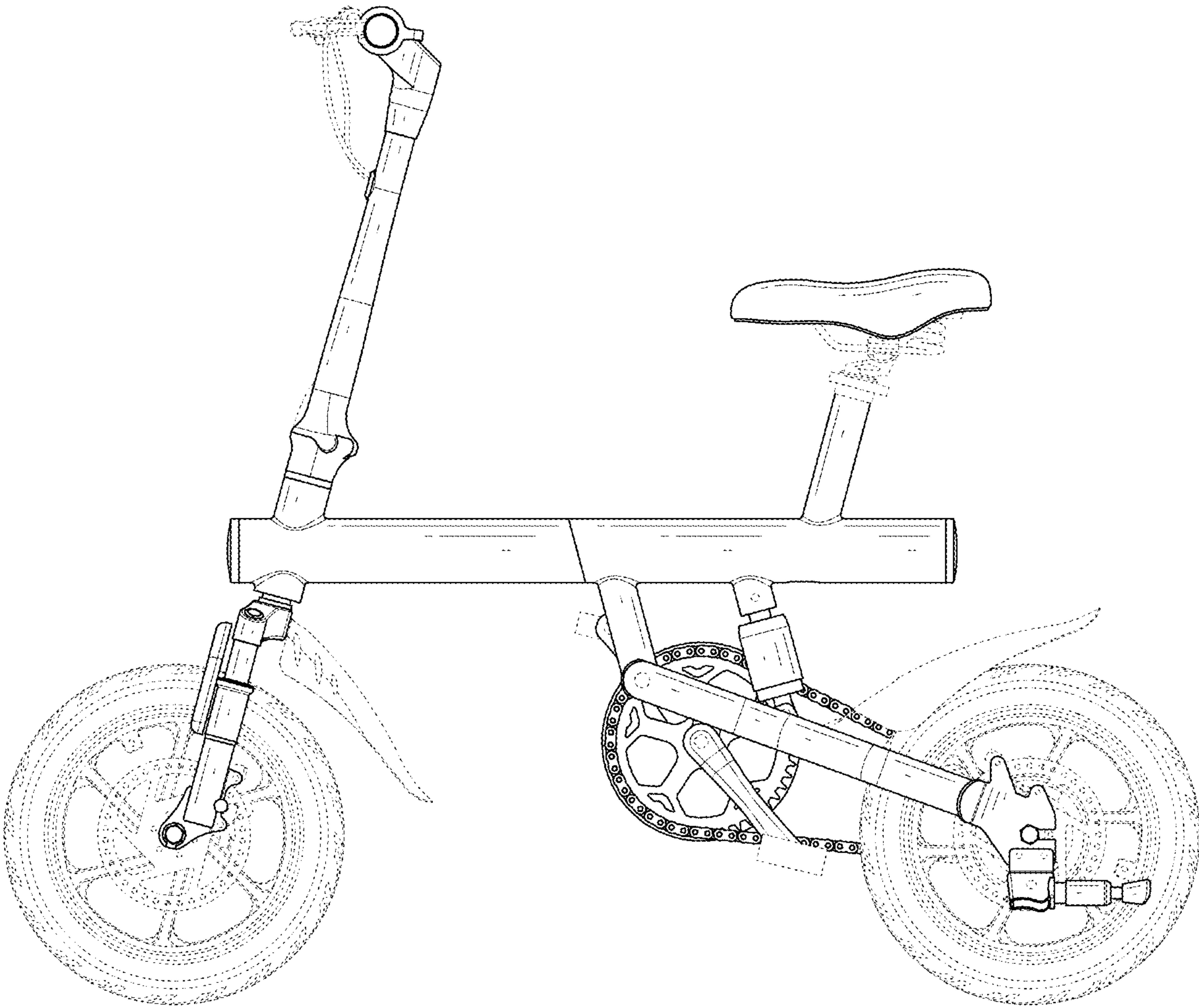


FIG. 2

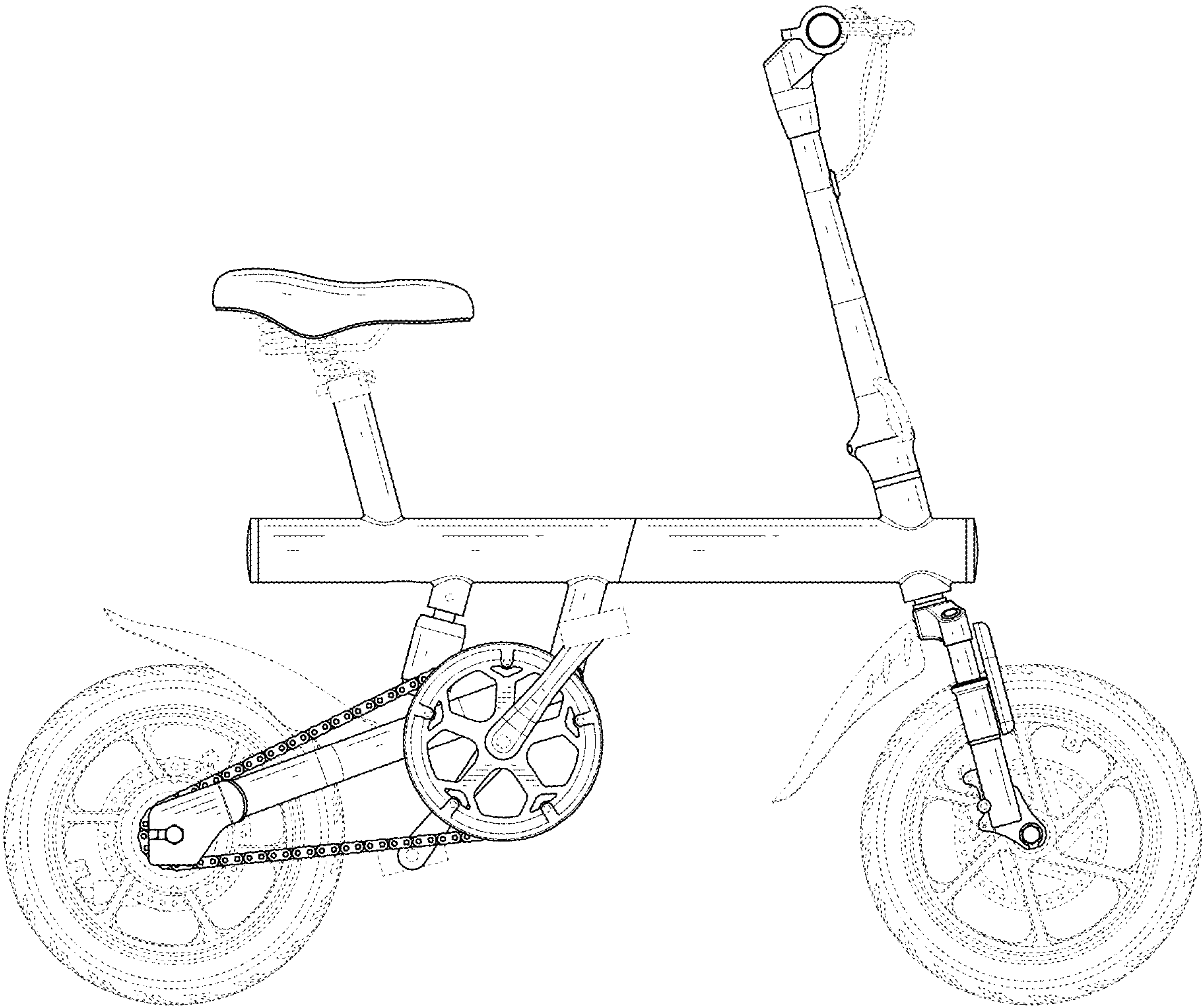


FIG. 3

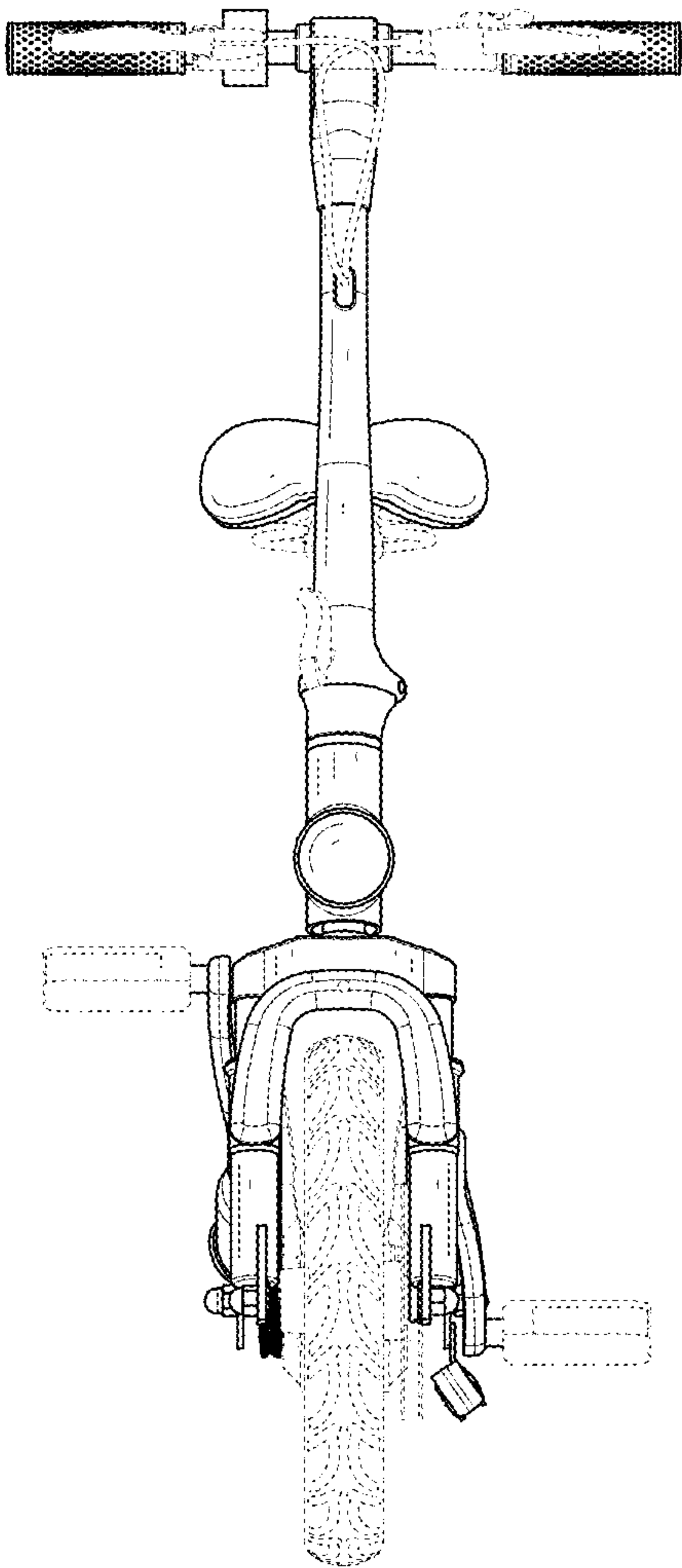


FIG. 4

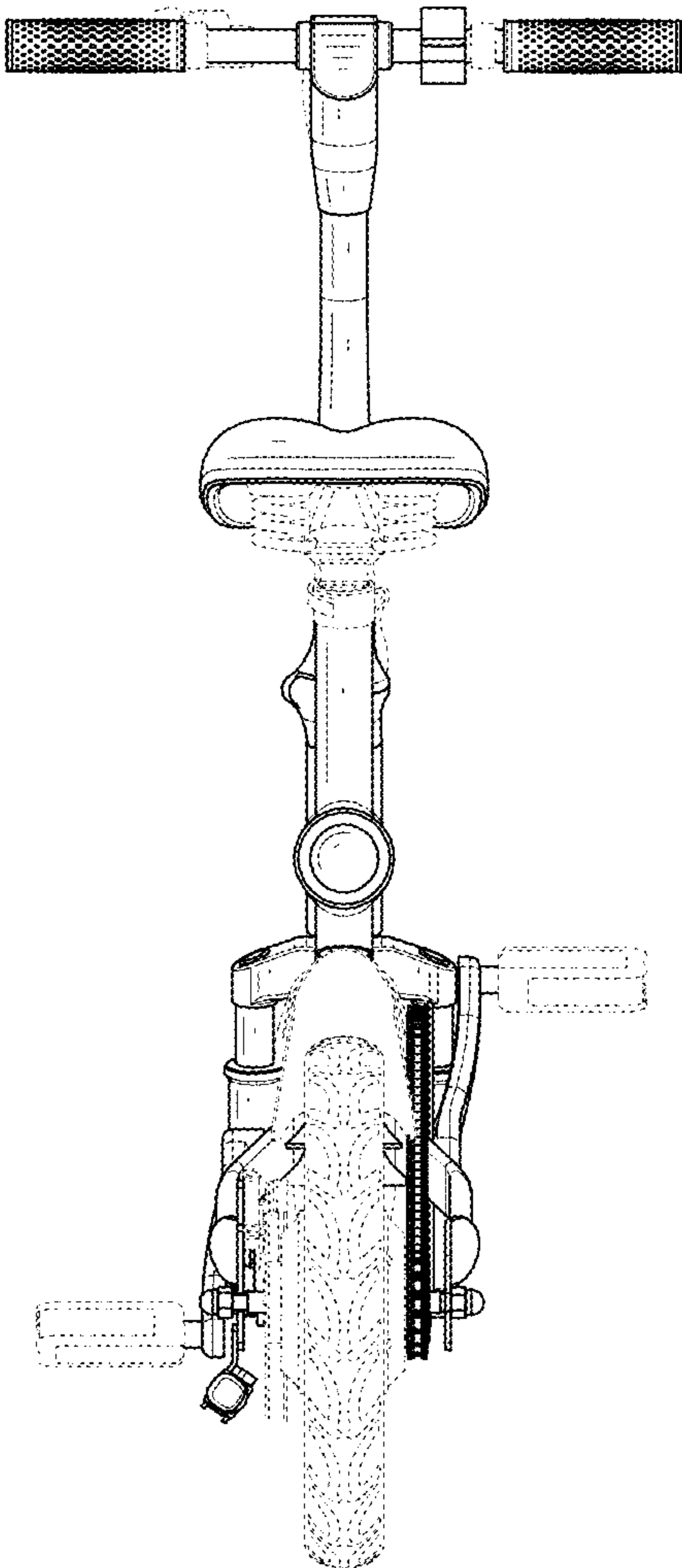


FIG. 5

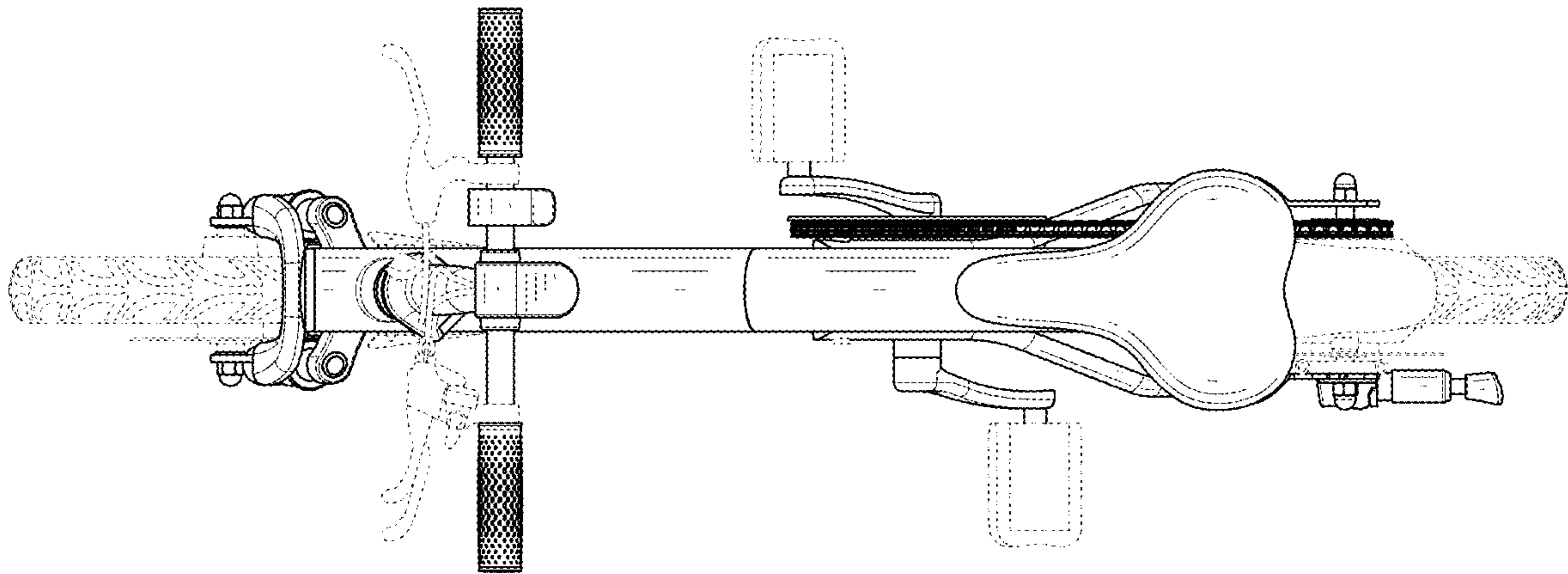


FIG. 6

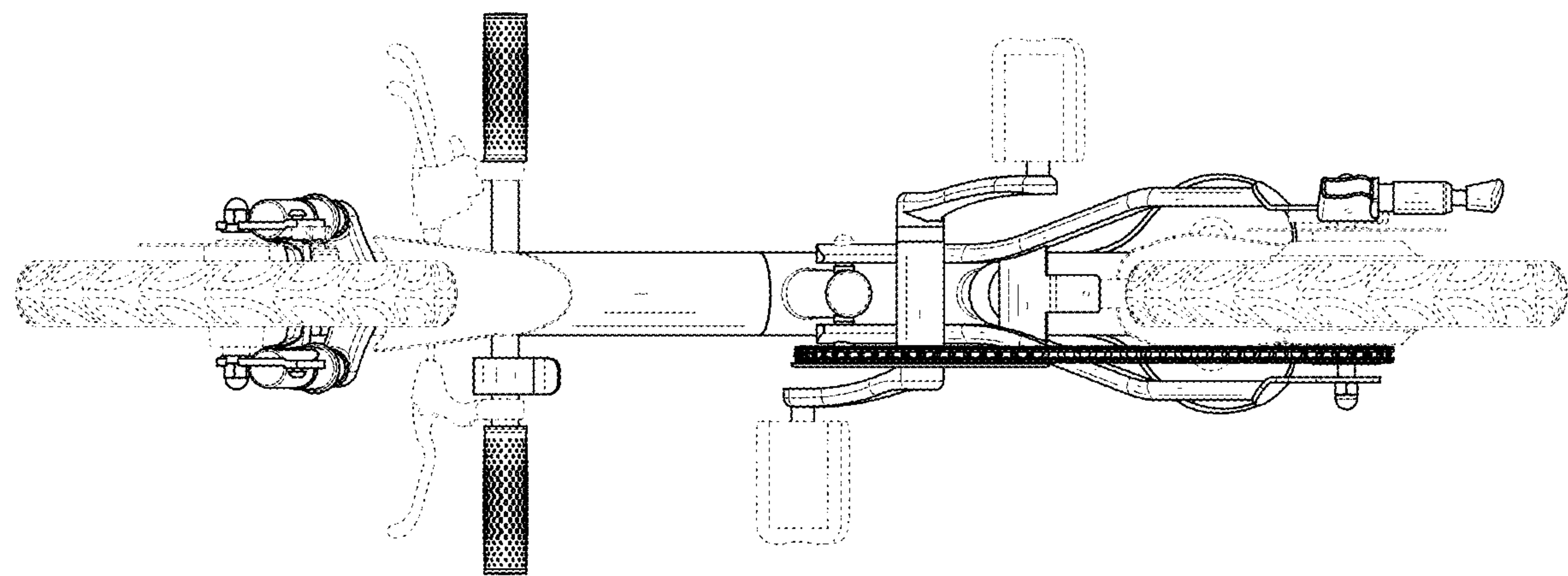


FIG. 7