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The Director

of the United States Patent and Trademark Office has received an application for a patent for a new, original, and ornamental design for an article of manufacture. The title and description of the design are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the design shall be granted under the law.

Therefore, this United States



Patent

grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the design throughout the United States of America or importing the design into the United States of America for the term set forth by law.



Katherine Kelly Vidal



DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Maintenance Fee Notice

No maintenance fees are required in design patents.

Patent Term Notice

If the application for this patent was filed on or after May 13, 2015, the term of this patent is 15 years from the date of grant of this patent, subject to any disclaimer under 35 U.S.C. 253. If the application for this patent was filed prior to May 13, 2015, the term of this patent is 14 years from the date of grant of this patent, subject to any disclaimer under 35 U.S.C. 253.



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(12) **United States Design Patent** (10) **Patent No.:** **US D993,089 S**
Li et al. (45) **Date of Patent:** **** Jul. 25, 2023**

(54) **ELECTRIC BICYCLE**

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(72) Inventors: **Qing Li**, Wuxi (CN); **Yong Zhou**, Wuxi (CN); **Guoyong Ren**, Wuxi (CN)

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

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

(58) **Field of Classification Search**

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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

4,267,898 A * 5/1981 Wheaton B62M 7/08
180/205.5

D626,037 S * 10/2010 Thetard D12/111

D644,962 S * 9/2011 Schoonhoven D12/111

D670,208 S * 11/2012 Frenzel D12/111
D727,214 S * 4/2015 Yang D12/111
D730,781 S * 6/2015 Arbour D12/111
D774,972 S * 12/2016 Lambri D12/111
D797,003 S * 9/2017 Qiu D12/111
D847,033 S * 4/2019 Yan D12/111
D854,969 S * 7/2019 Gouin D12/111
D903,532 S * 12/2020 Ma D12/111
D910,497 S * 2/2021 Sun D12/111
D915,243 S * 4/2021 Sun D12/111
D915,244 S * 4/2021 Chen D12/111
D931,146 S * 9/2021 Huang D12/111
D938,314 S * 12/2021 Gray D12/111

(Continued)

OTHER PUBLICATIONS

TechTrends. "Best Mid Drive Electric Bike 2022 | Top 5 New Mid Drive E-Bikes 2022." YouTube., May 18, 2022 [online], [retrieved on May 15, 2023]. Retrieved from the Internet <URL: <https://www.youtube.com/watch?v=f1eFZCaHw8g>>.*

(Continued)

Primary Examiner — Darlington Ly

(57) **CLAIM**

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

DESCRIPTION

1. Electric bicycle

1.1 is a left side elevation view of an electric bicycle embodying our new design;

1.2 is a right side elevation view thereof;

1.3 is a front elevation view thereof;

1.4 is a rear elevation view thereof;

1.5 is a top plan view thereof;

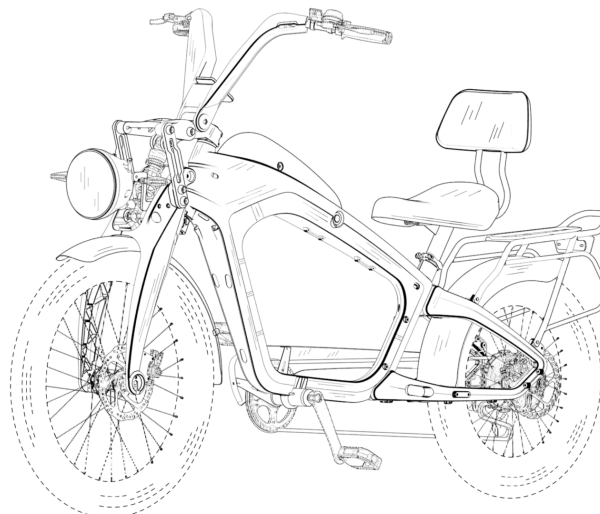
1.6 is a bottom plan view thereof; and

1.7 is a front and left side perspective view thereof; and

1.8 is a rear and right side perspective view thereof.

The broken lines shown in the figures illustrate portions of the electric bicycle that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D940,010	S *	1/2022	Hu	D12/111
D944,126	S *	2/2022	Lu	D12/111
D945,934	S *	3/2022	Ischepp	D12/111
11,299,226	B2 *	4/2022	Uimonen	B62J 9/23
D950,424	S *	5/2022	Chien	D12/111
D952,520	S *	5/2022	Liu	D12/111
D956,631	S *	7/2022	Okonsky	D12/111
D957,291	S *	7/2022	Deng	D12/111
D960,053	S *	8/2022	Chen	D12/111
D964,219	S *	9/2022	Xie	D12/111
2010/0314187	A1 *	12/2010	Chen	B62M 6/60
				180/206.8
2013/0001000	A1 *	1/2013	Krieger	B62M 6/45
				180/206.3
2020/0062342	A1 *	2/2020	Talavasek	B62M 6/50
2020/0079471	A1 *	3/2020	Eguchi	B62K 25/04
2021/0214043	A1 *	7/2021	Nishimori	H01R 12/58

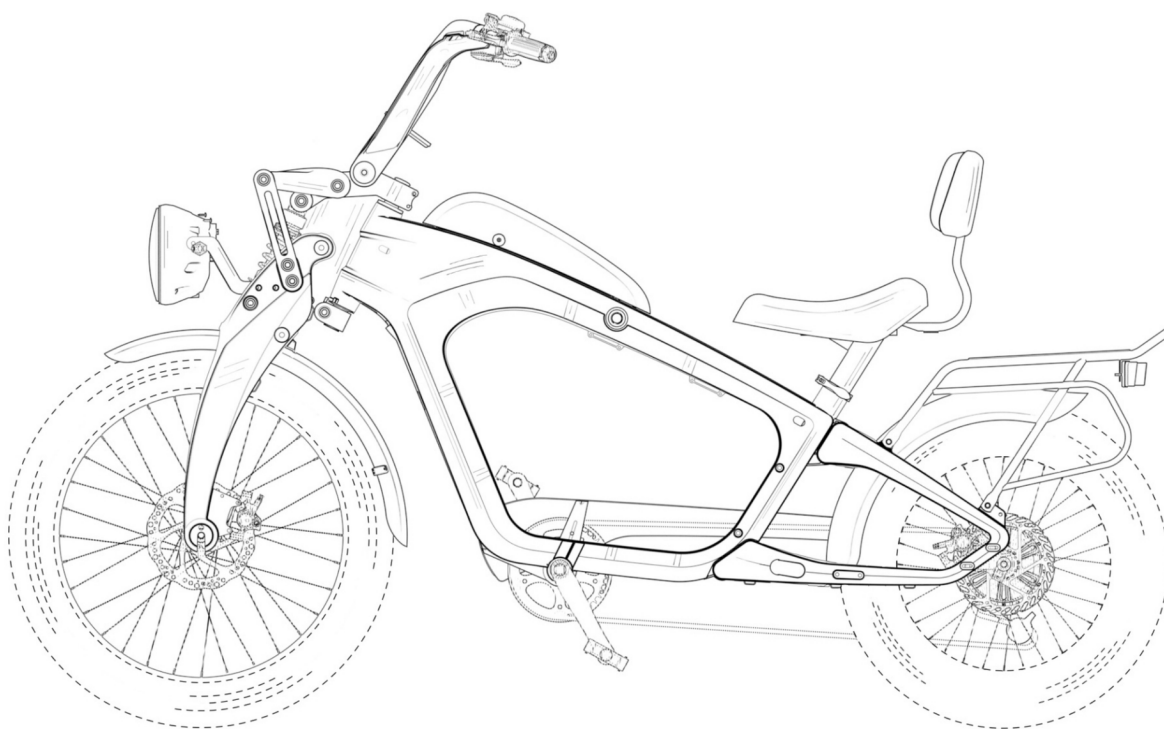
OTHER PUBLICATIONS

Area 13. "I want Dual Batteries with Belt Drive on an Electric Bike." YouTube., May 14, 2020 [online], [retrieved on May 15, 2023]. Retrieved from the Internet <URL: <https://www.youtube.com/watch?v=w7sFCvZxPJY>>.*

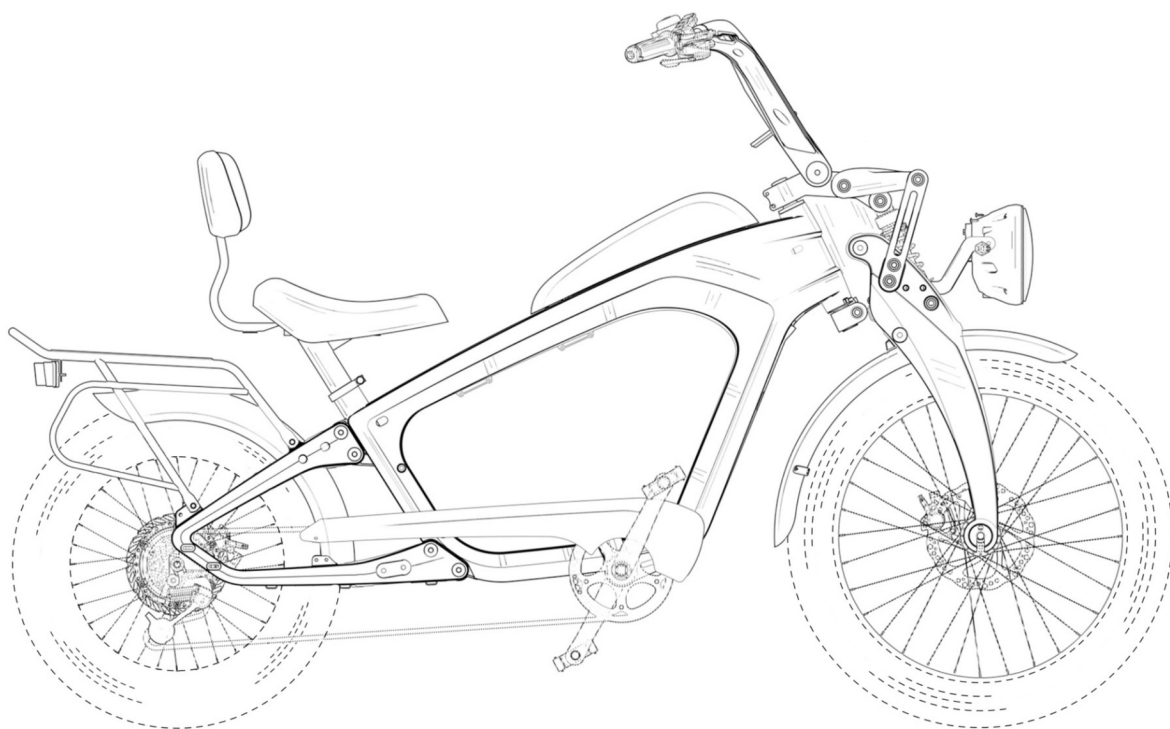
Gadget Etc. "5 Best Fat Tire Electric Bikes of 2022 | Fat Tire e-Bike." YouTube., Jan. 3, 2022 [online], [retrieved on May 15, 2023]. Retrieved from the Internet <URL: https://www.youtube.com/watch?v=gh_sS2KWNWo>.*

* cited by examiner

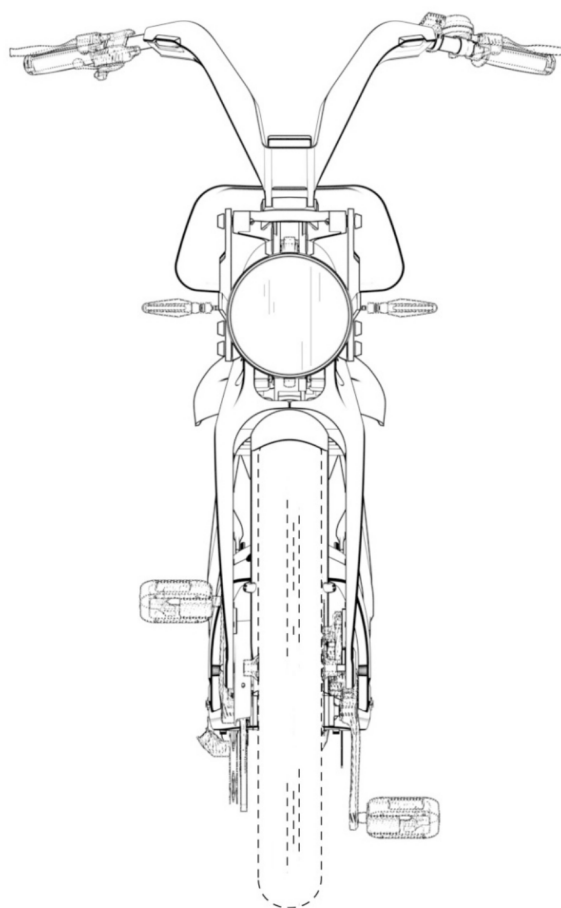
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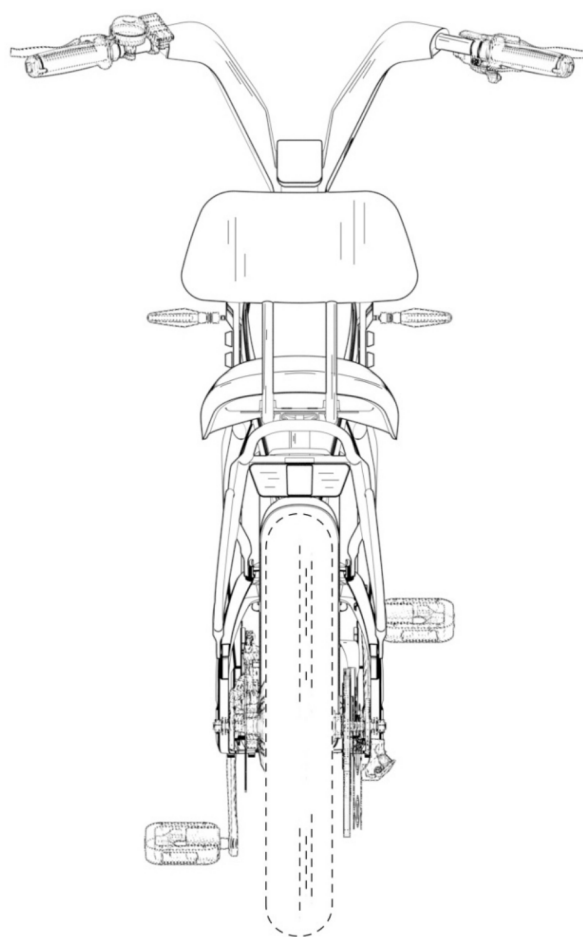
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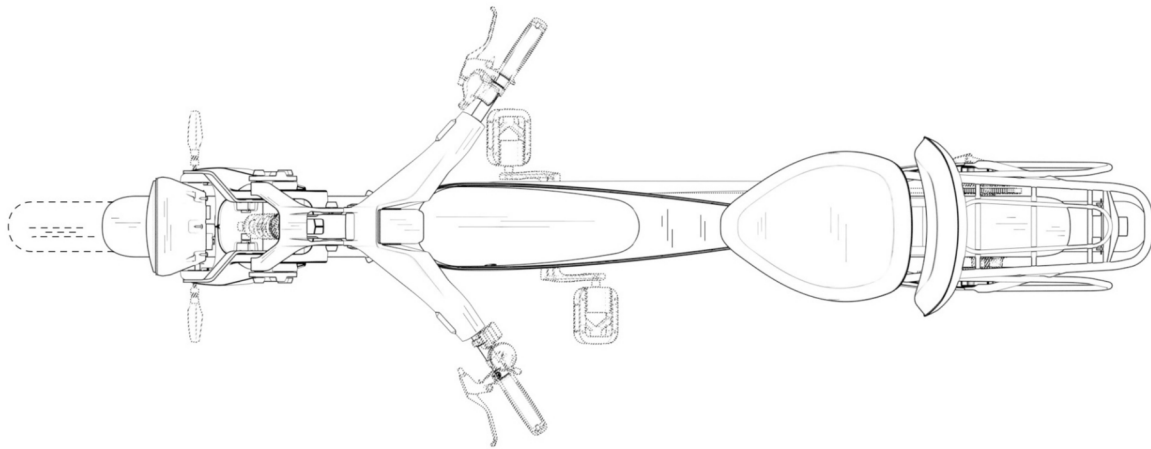
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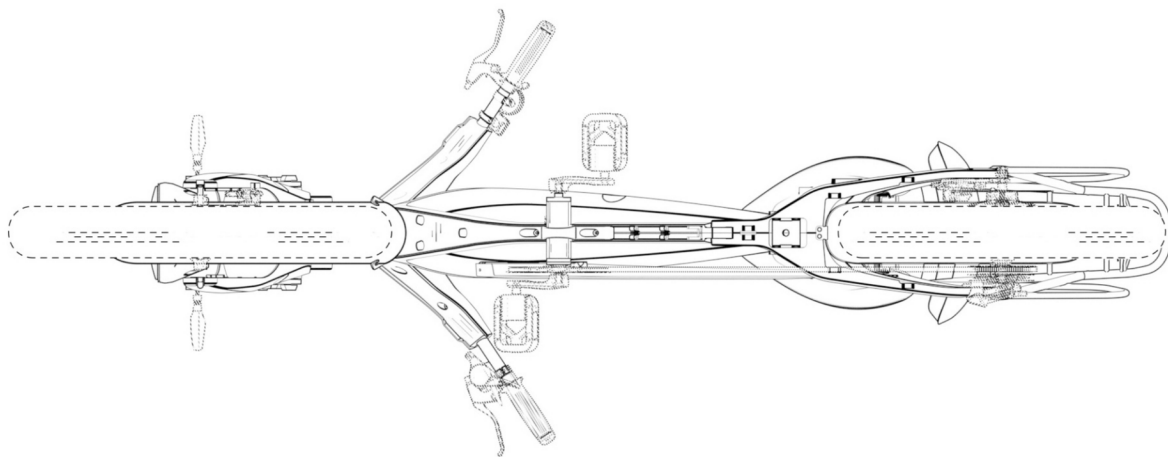
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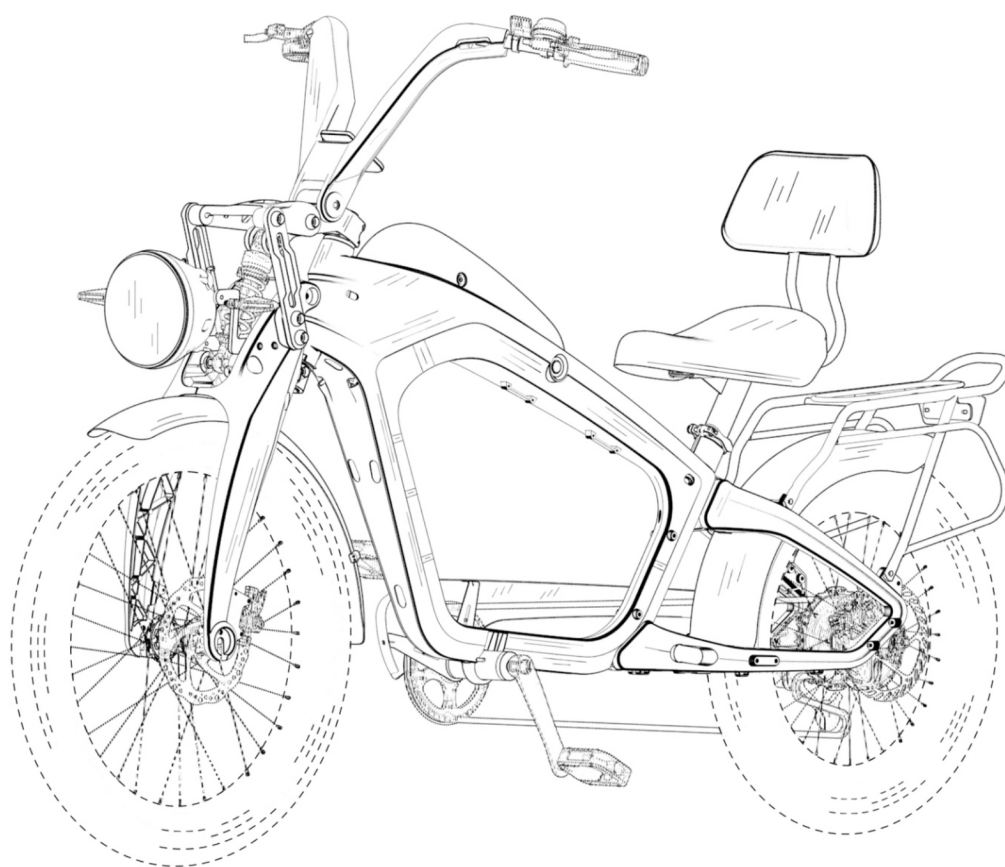
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1.6



1.7



1.8

