



US0D1069652S

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

(10) **Patent No.:** **US D1,069,652 S**

(45) **Date of Patent:** **** Apr. 8, 2025**

(54) **ELECTRIC BICYCLE**

(71) Applicant: **Freeman IT Limited**, Shenzhen (CN)

(72) Inventor: **Haibo Liu**, Shenzhen (CN)

(73) Assignee: **Freeman IT Limited**, Shenzhen (CN)

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

(21) Appl. No.: **29/903,170**

(22) Filed: **Sep. 20, 2023**

(30) **Foreign Application Priority Data**

Jul. 28, 2023 (CN) 202330478281.1

(51) **LOC (15) 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 3/12; B62K
5/01; B62K 5/003; 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

D903,532 S *	12/2020	Ma	.....	D12/111
D952,520 S *	5/2022	Liu	.....	D12/111
D957,291 S *	7/2022	Deng	.....	D12/111
D964,219 S *	9/2022	Xie	.....	D12/111
D978,735 S *	2/2023	Qian	.....	D12/111
D980,131 S *	3/2023	Li	.....	D12/111

(Continued)

OTHER PUBLICATIONS

HiBoy 20" 4.)' Electric Bike M4, Free-man.cn Webpage[online],
[Site Visit Dec. 18, 2024], URL: <https://free-man.cn/product/204-0-electric-bike-m4/> (Year: 2024).*

(Continued)

Primary Examiner — Darlington Ly

Assistant Examiner — Giang Hoang Tran

(74) *Attorney, Agent, or Firm* — Justin Lampel

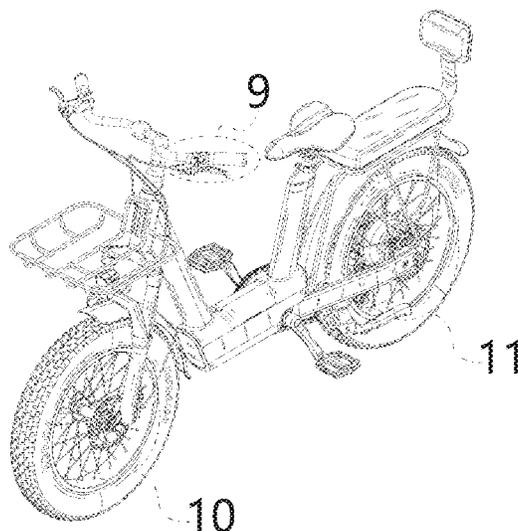
(57) **CLAIM**

The ornamental design for a electric bicycle as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a electric bicycle showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof,
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an enlarged view of portion 9 shown in FIG. 1;
FIG. 10 is an enlarged view of portion 10 shown in FIG. 1;
FIG. 11 is an enlarged view of portion 11 shown in FIG. 1;
and,
FIG. 12 is an enlarged view of portion 12 shown in FIG. 2.
The dash-dash broken lines in the drawings depict portions of the electric bicycle that form no part of the claimed design. The dot-dash broken lines indicate the boundaries of the enlarged views and are used for annotative purposes only. They do not limit or define the scope of the claimed design.

1 Claim, 12 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D984,324	S	*	4/2023	Peng	.....	D12/111
D991,098	S	*	7/2023	Fang	.....	D12/111
D991,099	S	*	7/2023	Chen	.....	D12/111
D999,119	S	*	9/2023	Wu	.....	D12/111
D1,008,882	S	*	12/2023	Yang	.....	D12/111
D1,021,696	S	*	4/2024	Wang	.....	D12/111
D1,022,805	S	*	4/2024	Xu	.....	D12/111
D1,035,502	S	*	7/2024	Pan	.....	D12/111
D1,040,030	S	*	8/2024	Li	.....	D12/111
D1,050,960	S	*	11/2024	Chen	.....	D12/111
2023/0227119	A1	*	7/2023	Lyu	.....	B62K 19/00 280/283

OTHER PUBLICATIONS

Baicycle Folding Electric Bike 62 Miles Range, Bai Cycle Webpage[online], [Site Visit Dec. 18, 2024], URL: <https://us.baicycle.com/products/baicycle-electric-bike-folding-electric-bike-with-62-miles-range-fast-charge-and-removable-battery-20-inches-fat-tire-for-beach-cruiser-city-commute-mountain-grey> (Year: 2024).*

* cited by examiner

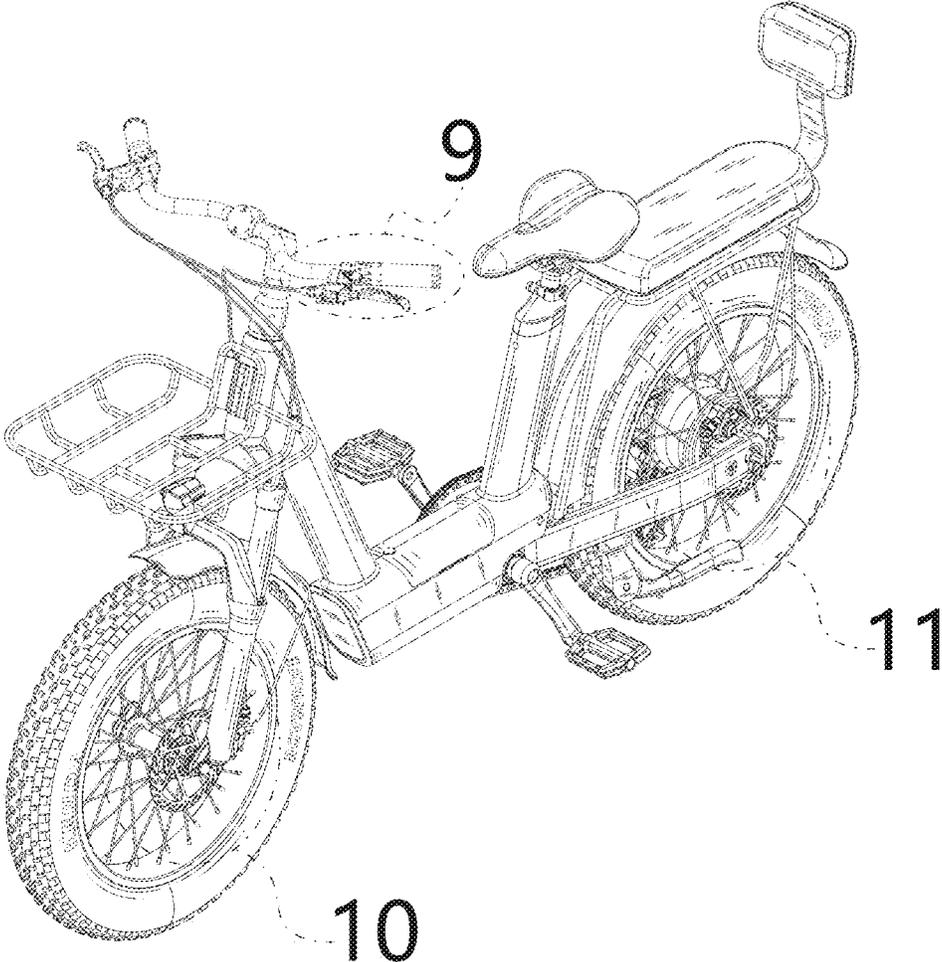


FIG. 1

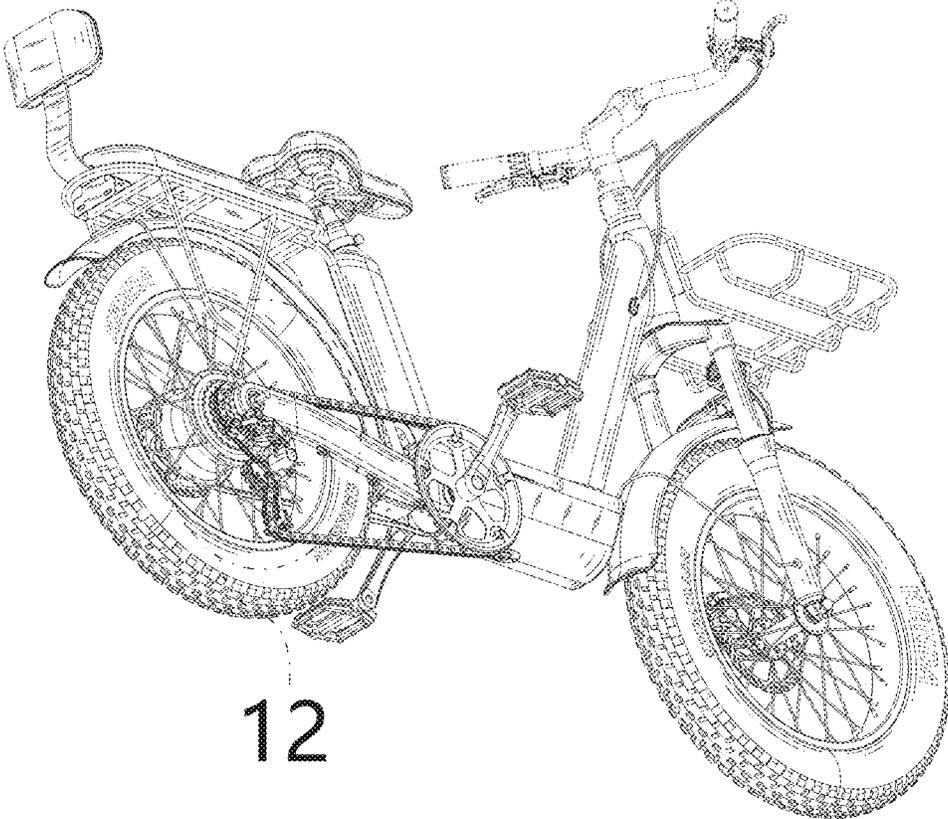


FIG. 2

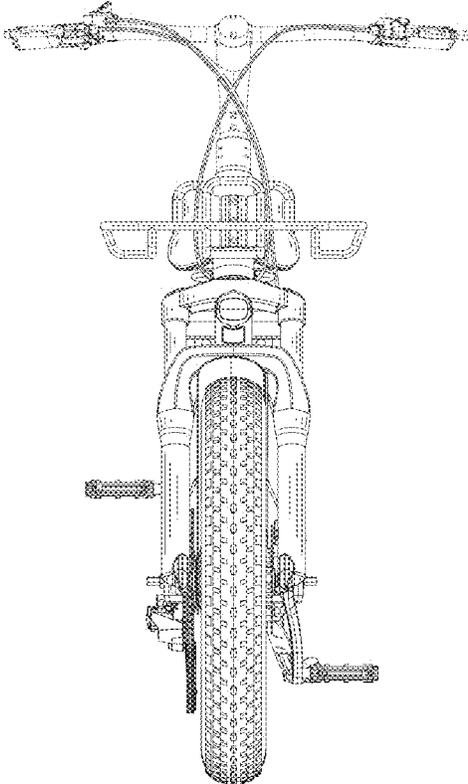


FIG. 3

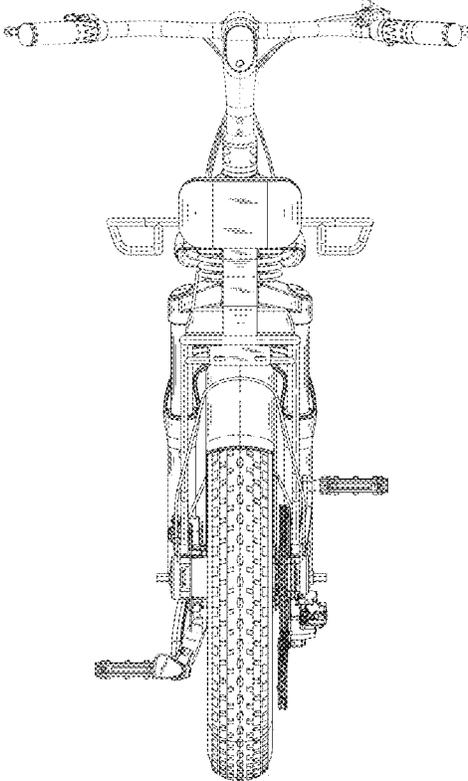


FIG. 4

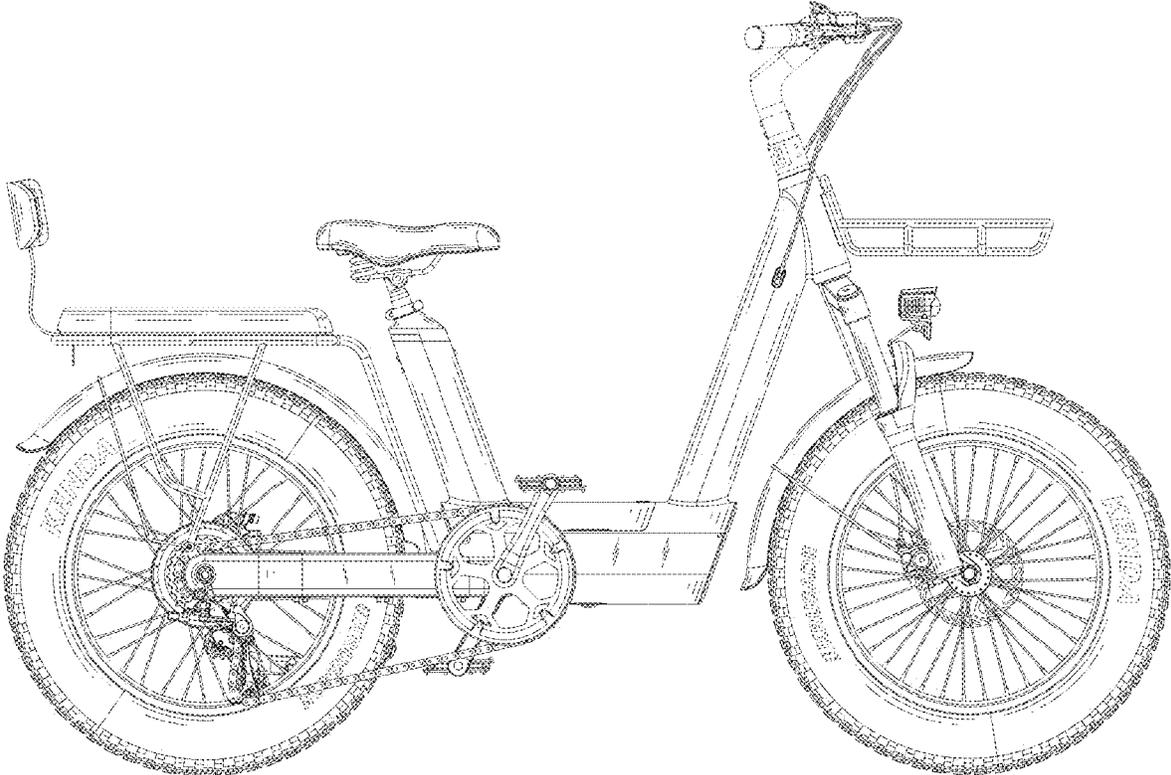


FIG. 5

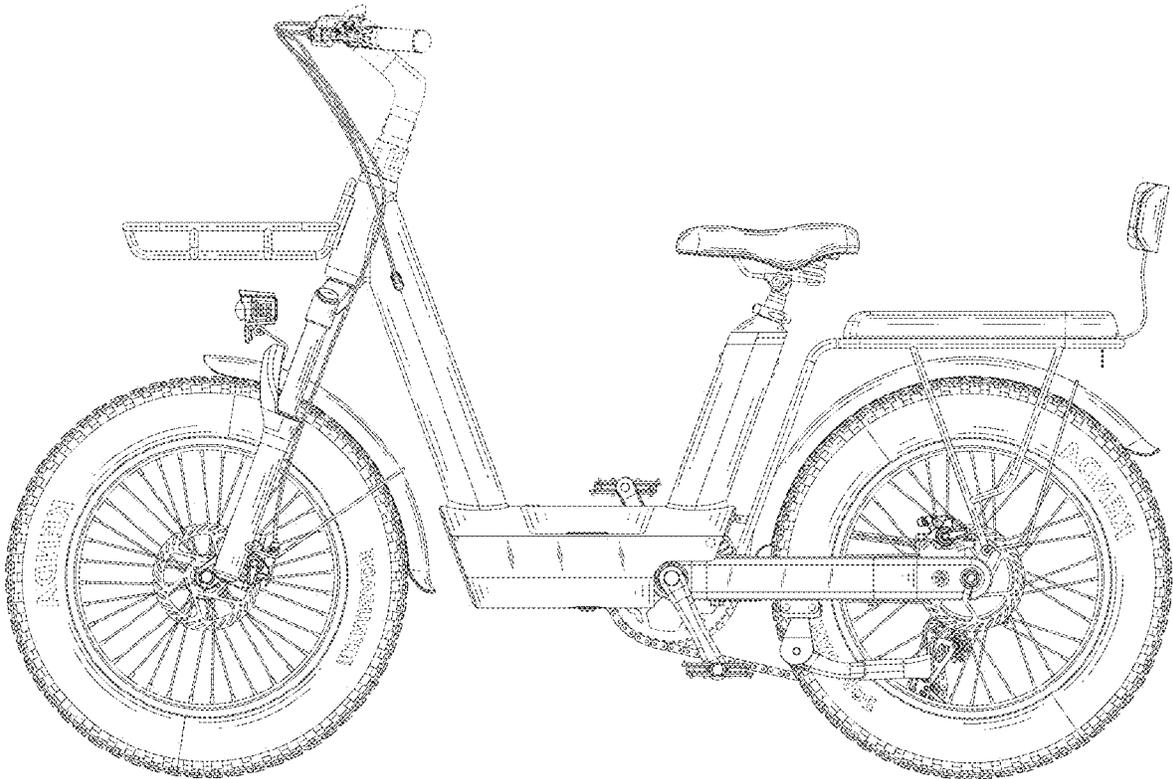


FIG. 6

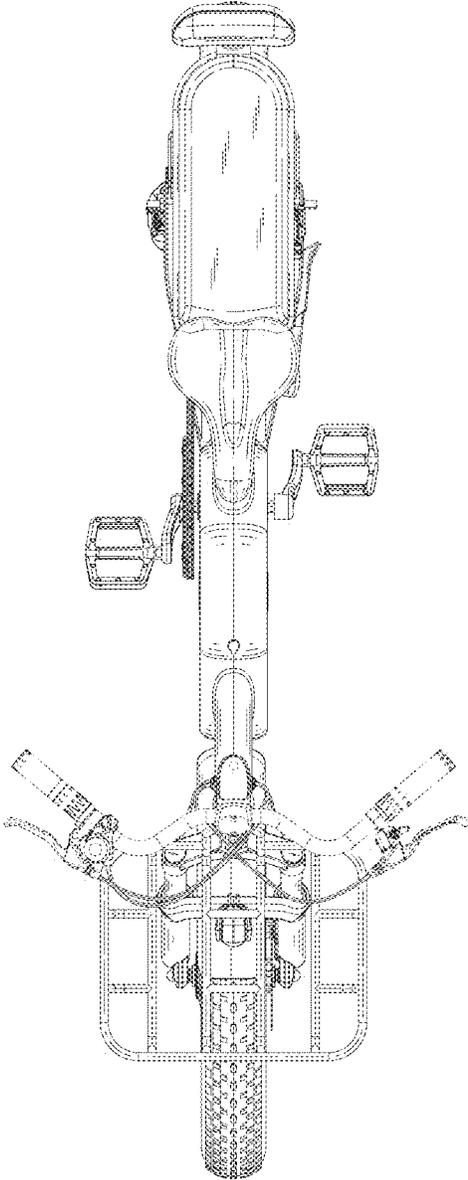


FIG. 7

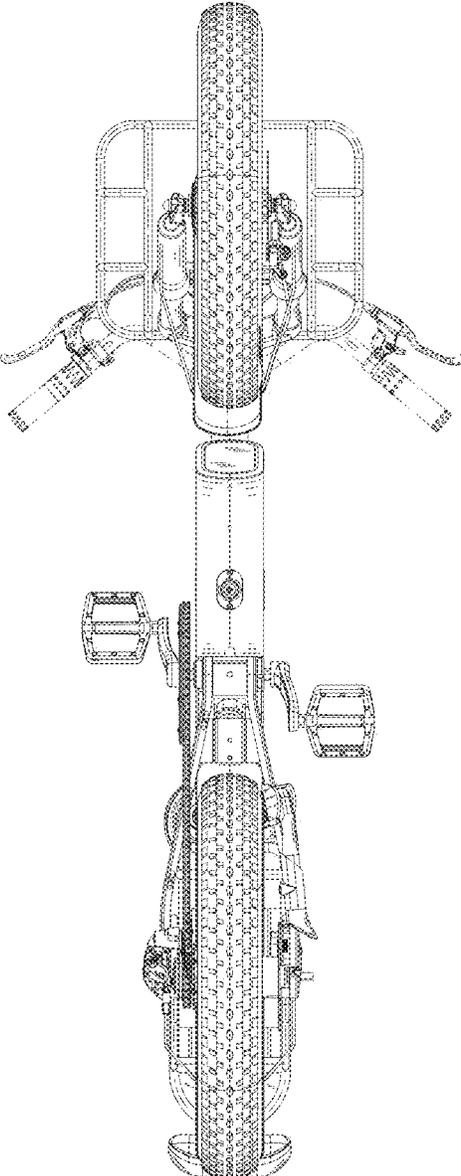


FIG. 8

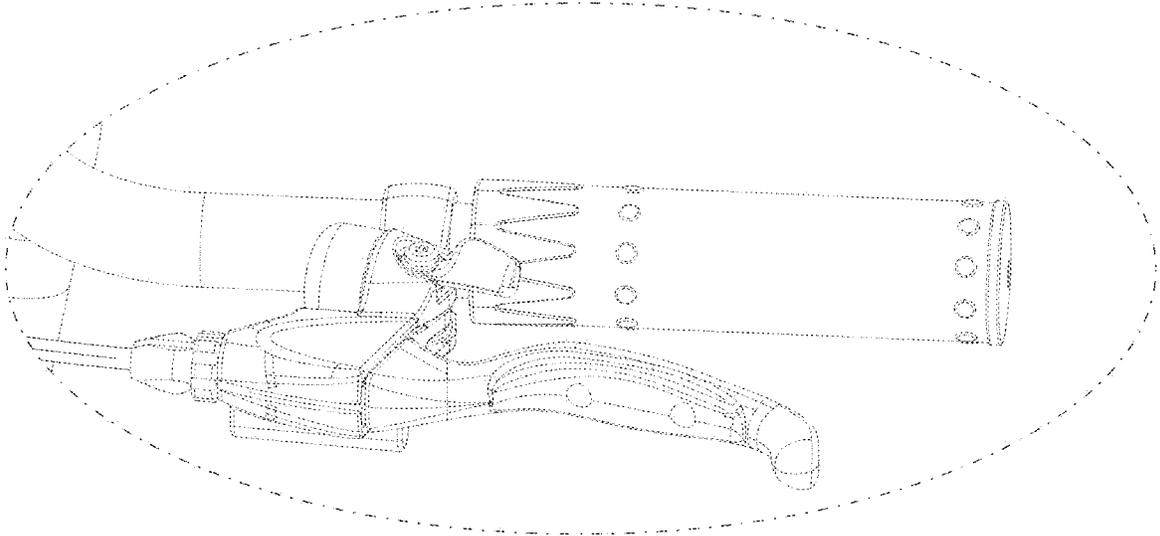


FIG. 9

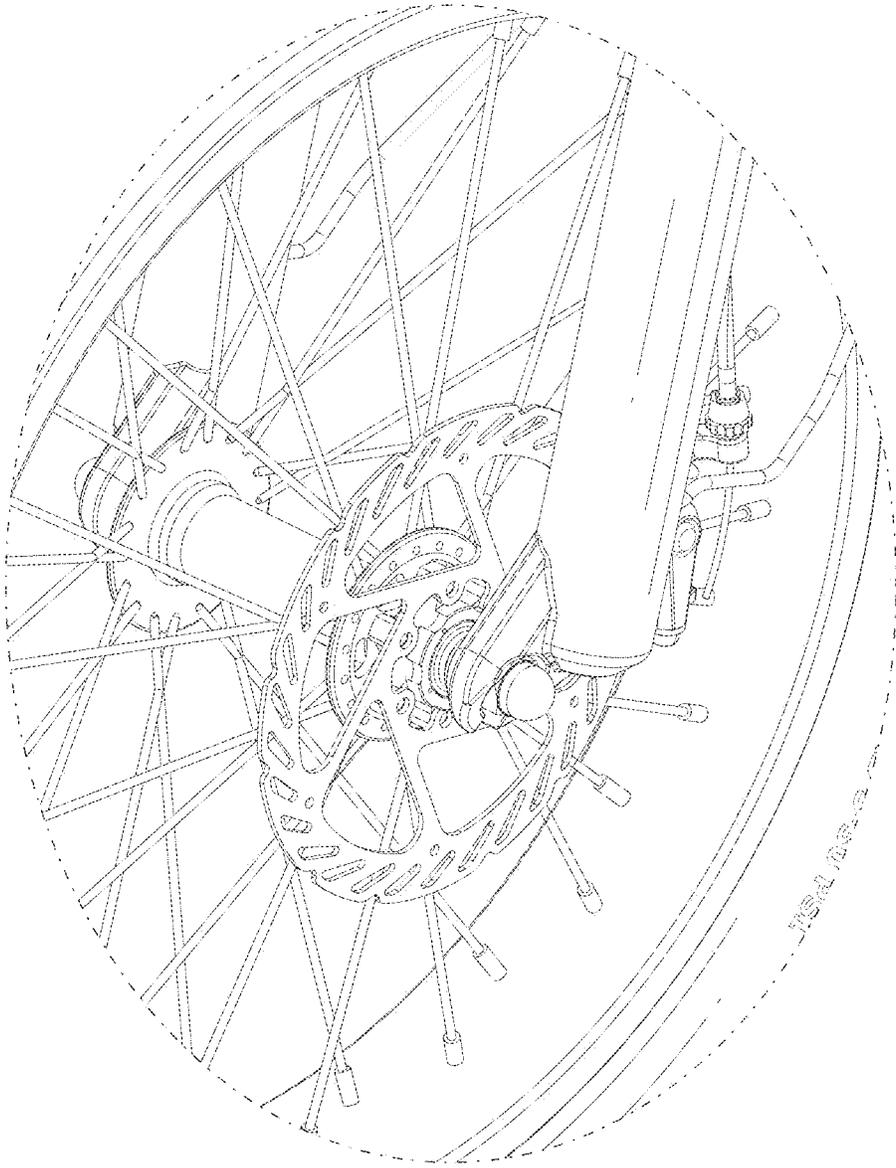


FIG. 10

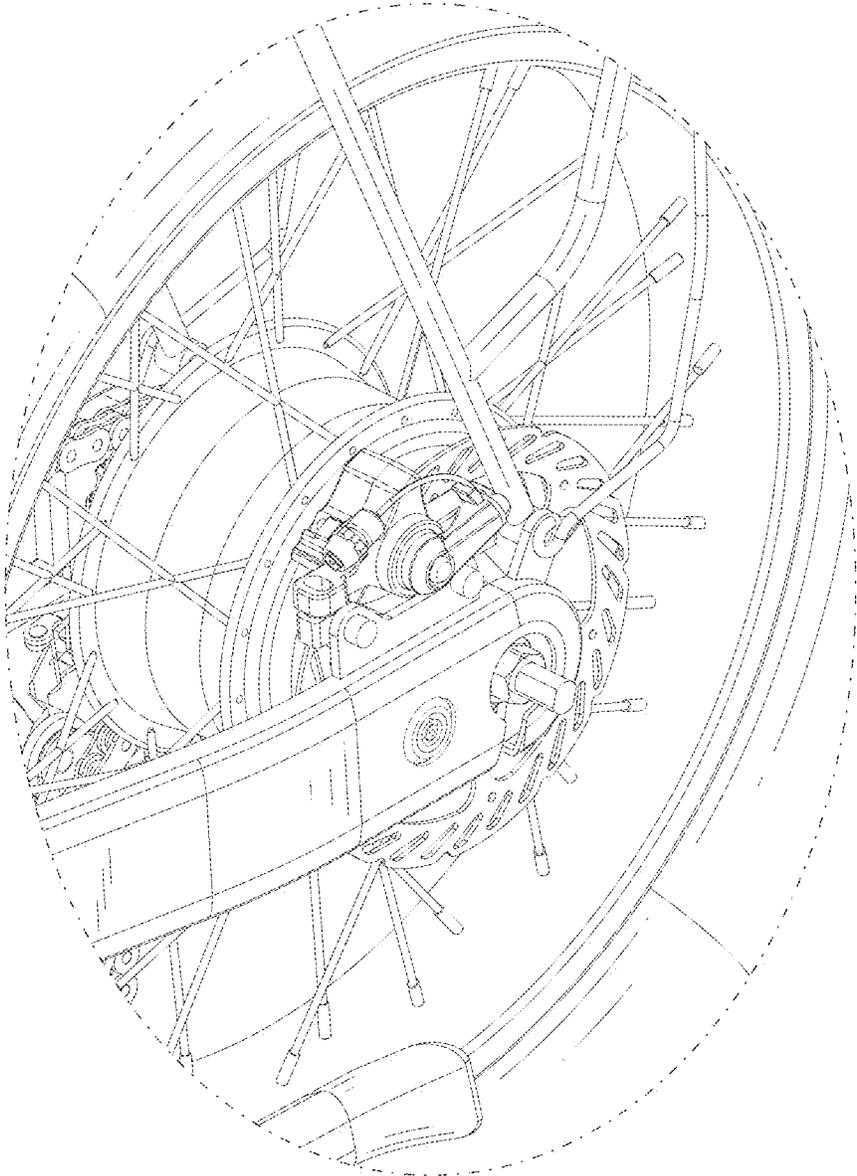


FIG. 11

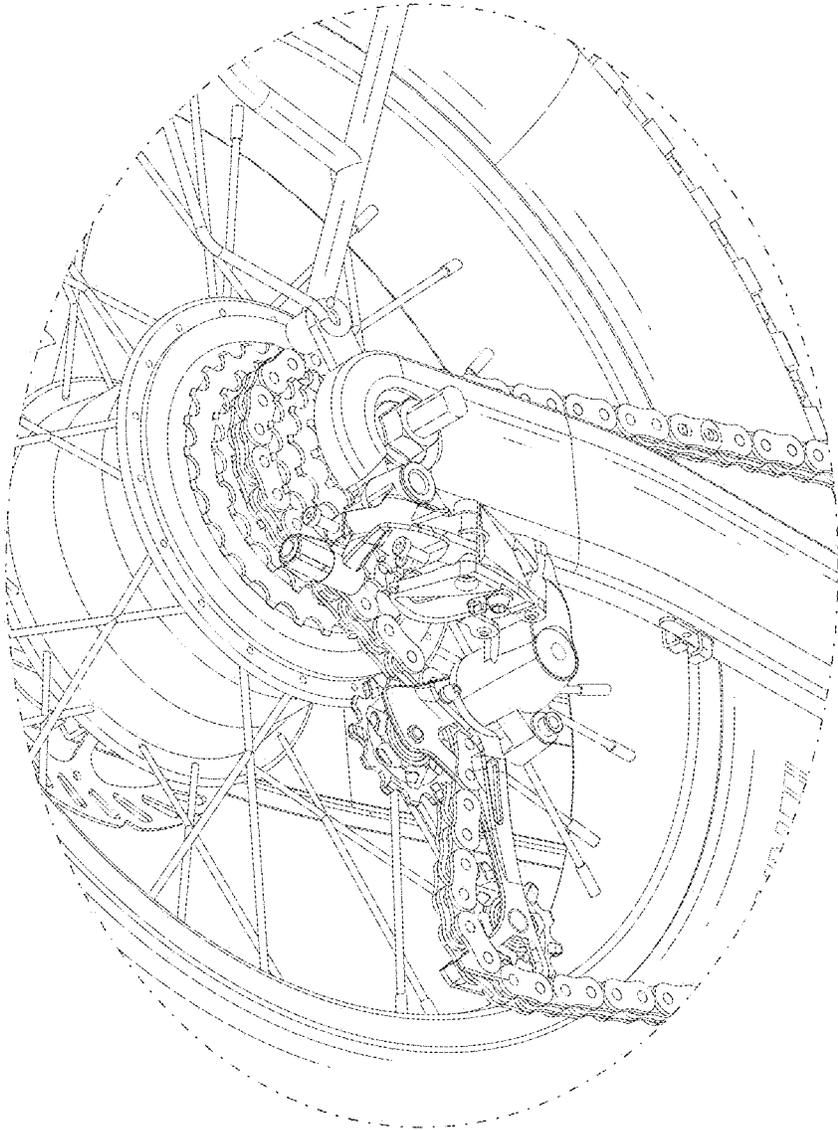


FIG. 12