

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6966161

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ADD ASSIGNOR/CONVEYING PARTY: SF MOTORS INC. previously recorded on Reel 057632 Frame 0882. Assignor(s) hereby confirms the ASSIGNOR: CHONGQING JINKANG NEW ENERGY AUTOMOBILE CO., LTD., AND SF MOTORS, INC..
CONVEYING PARTY DATA	
Name	Execution Date
CHONGQING JINKANG NEW ENERGY AUTOMOBILE CO., LTD.	09/20/2021
SF MOTORS, INC.	09/20/2021
RECEIVING PARTY DATA	
Name:	CHONGQING JINKANG POWERTRAIN NEW ENERGY CO., LTD.
Street Address:	ROOM 503-908, F5, UNIT B1, NO. 18, YUETAI ROAD, TUZHU TOWN, SHAPINGBA DISTRICT
City:	CHONGQING
State/Country:	CHINA
Postal Code:	401333
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	16293615
Application Number:	16373612
Application Number:	16358677
Application Number:	16289571
Application Number:	16358682
Application Number:	16222883
Application Number:	16243988
Application Number:	16357267
Application Number:	17372711
Application Number:	16289667
Application Number:	15357253
Application Number:	16269450
Application Number:	16373621
Application Number:	16373610
CORRESPONDENCE DATA	

PATENT

Fax Number: (216)373-3450

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 12166540090

Email: docketing@cooperlegalgroup.com

Correspondent Name: COOPER LEGAL GROUP, LLC

Address Line 1: 1388 RIDGE ROAD, UNIT 1

Address Line 4: HINCKLEY, OHIO 44233

ATTORNEY DOCKET NUMBER:	WANHG101US
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NAME OF SUBMITTER:	MARCUS A. FISCHER
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SIGNATURE:	/Marcus A. Fischer/
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DATE SIGNED:	10/13/2021
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Total Attachments: 8

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Your assignment has been received by the USPTO.
The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA Add: <u>SF Motors, Inc.</u> Execution Date: <u>09/20/2021</u>	
Name	Execution Date
CHONGQING JINKANG NEW ENERGY AUTOMOBILE CO., LTD.	09/20/2021
RECEIVING PARTY DATA	
Name:	CHONGQING JINKANG POWERTRAIN NEW ENERGY CO., LTD.
Street Address:	ROOM 503-909, F5, UNIT B1, NO. 18, YUETAI ROAD, TUZHU TOWN, SHAPINGBA DISTRICT
City:	CHONGQING
State/Country:	CHINA
Postal Code:	401333
PROPERTY NUMBERS Total: 14	
Property Type	Number
Application Number:	16293615
Application Number:	16373612
Application Number:	16358677
Application Number:	16289571
Application Number:	16358682
Application Number:	16222883

PATENT**REEL: 057789 FRAME: 0226**

Application Number:	16243988
Application Number:	16357267
Application Number:	17372711
Application Number:	16289667
Application Number:	16357253
Application Number:	16269450
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Fax Number: (216)373-3450
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Correspondent Name: COOPER LEGAL GROUP, LLC
Address Line 1: 1388 RIDGE ROAD, UNIT 1
Address Line 4: HINCKLEY, OHIO 44233

**ATTORNEY DOCKET
NUMBER:**

WANHG101US

NAME OF SUBMITTER:

MARCUS A. FISCHER

Signature:

/Marcus A. Fischer/

Date:

09/29/2021

Total Attachments: 4

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RECEIPT INFORMATION

EPAS ID: PAT6941618
Receipt Date: 09/29/2021

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ASSIGNMENT

WHEREAS, Chongqing Jinkang New Energy Automobile Co., Ltd., having a place of business at No. 229, Fusheng Avenue, Jiangbei District, Chongqing, China, and SF Motors, Inc., having a place of business at 3303 Scott Blvd., Santa Clara, California, United States 95054, hereinafter referred to as "assignors", did obtain the entire right, title, and interest in and to certain new and useful improvements and inventions and patents in the attached Annex A, and whereas, Chongqing Jinkang New Energy Vehicle Co., Ltd. and SF Motors, Inc. are the sole owners of said improvements and inventions and patents, and,

WHEREAS, Chongqing Jinkang Powertrain New Energy Co., Ltd., having a place of business at Room 503-908, F5, Unit B1, No. 18, Yuetai Road, Tuzhu Town, Shapingba District, Chongqing 401333, China, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and patents, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns by the undersigned; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Cooper Legal Group LLC the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

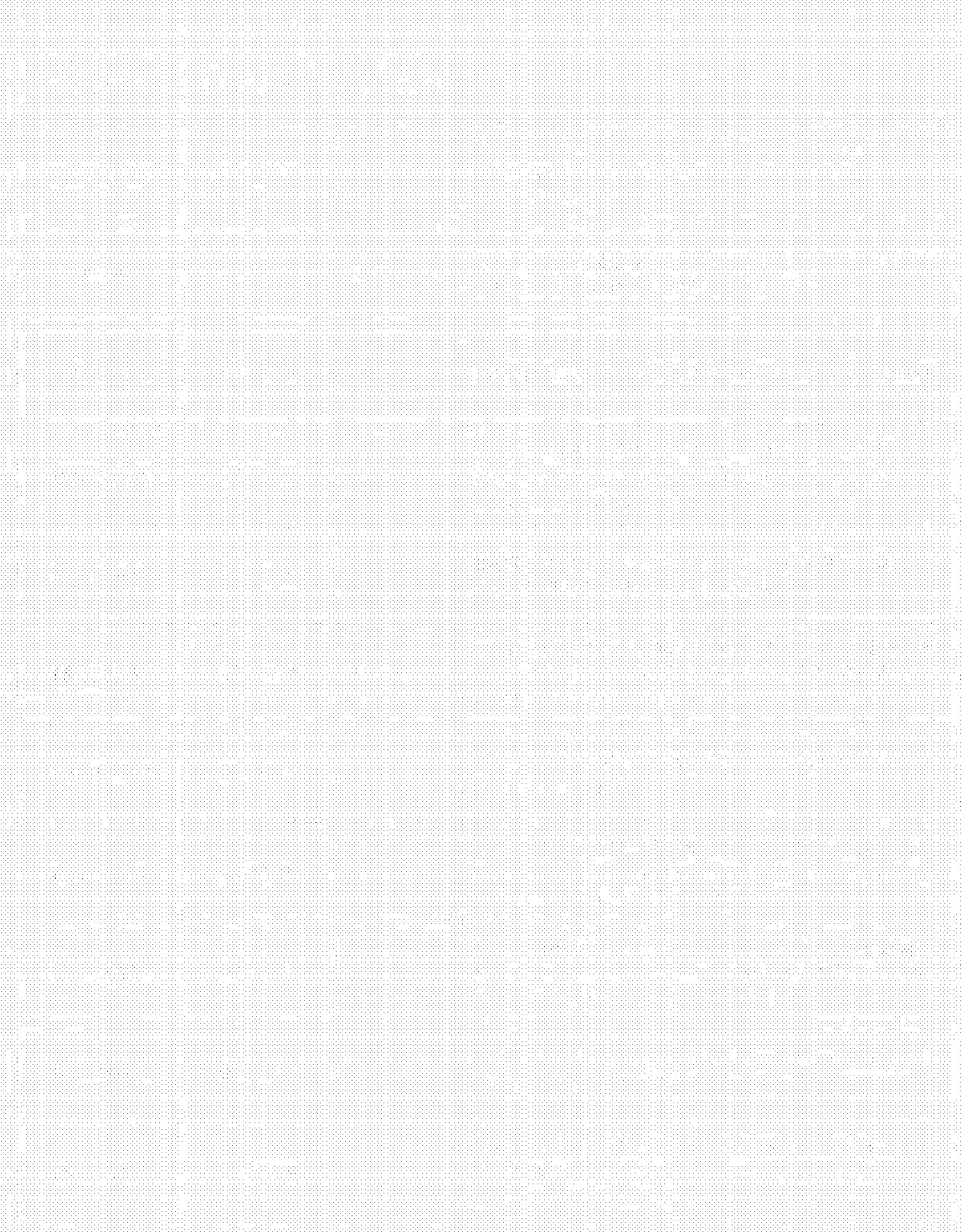
IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

Executed this 20 day of September, 2021.

Qingmiao DENG
By Qingmiao DENG, Manager, who is authorized to act on behalf of Chongqing Jinkang New Energy Automobile Co., Ltd.

And

Yu Zhang
By Yu(Jacqueline) Zhang, Secretary of the Corporation, who is authorized to act on behalf of SF Motors, Inc.



Annex A

Application Serial Number	Application Filing Date	Patent Number	Title
16/293,615	03/05/19		BLOCK COPOLYMER SEPARATORS WITH NANO-CHANNELS FOR LITHIUM-ION BATTERIES
16/373,612	04/02/19	10,601,047	PRE-CRACKED ANODE PARTICLES FOR HIGH- RATE CHARGING APPLICATIONS
16/358,677	03/19/19		BATTERY CELL WITH PHASE CHANGE CORE
16/289,571	02/28/19		THRESHOLD DISCHARGING C-RATES FOR BATTERY CELLS IN LOW TEMPERATURE ENVIRONMENTS
16/358,682	03/19/19		ISOTROPIC SELF-ASSEMBLY OF GRAPHITE PARTICLES FOR LI-ION ANODE
16/222,883	12/17/18	10,481,623	OPTIMIZING A TEMPERATURE PROFILE IN A THERMAL MANAGEMENT SYSTEM OF AN ELECTRIC VEHICLE
16/243,988	01/09/19		SYSTEMS AND METHODS FOR COOLING BATTERY CELLS
16/357,267	03/18/19		SYSTEMS AND METHODS FOR POTASSIUM ENHANCING SILICON-CONTAINING ANODES FOR IMPROVED CYCLABILITY
17/372,711	07/26/21		SYSTEMS AND METHODS FOR POTASSIUM ENHANCING SILICON-CONTAINING ANODES FOR IMPROVED CYCLABILITY
16/289,667	03/01/19		STATE OF CHARGE ERROR ESTIMATION OF BATTERY CELLS BACKGROUND
16/357,253	03/18/19		METHODS AND SYSTEMS FOR VARIABLE MAXIMUM CURRENT PROTECTION FOR BATTERY SYSTEMS

Annex A

Application Serial Number	Application Filing Date	Patent Number	Title
16/269,450	02/06/19	10,641,836	BATTERY STATE OF HEALTH ESTIMATION USING OPEN CIRCUIT VOLTAGE SLOPE
16/373,621	04/02/19		BATTERY CELL DESIGN WITH A COATED LITHIUM REFERENCE ELECTRODE
16/373,610	04/02/19		BATTERY CELL DESIGN WITH A NON- INVASIVE LITHIUM REFERENCE LEAD



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 30, 2021

PTAS

COOPER LEGAL GROUP, LLC
1388 RIDGE ROAD, UNIT 1
HINCKLEY, OH 44233

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UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 09/29/2021

REEL/FRAME: 057632/0882
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: WANHG101US

ASSIGNOR:

CHONGQING JINKANG NEW ENERGY
AUTOMOBILE CO., LTD.

DOC DATE: 09/20/2021

ASSIGNEE:

CHONGQING JINKANG POWERTRAIN NEW
ENERGY CO., LTD.
ROOM 503-909, F5, UNIT B1, NO. 18,
YUETAI ROAD, TUZHU TOWN,
SHAPINGBA DISTRICT
CHONGQING, CHINA 401333

APPLICATION NUMBER: 16222883

FILING DATE: 12/17/2018

PATENT NUMBER: 10481623

ISSUE DATE: 11/19/2019

TITLE: OPTIMIZING A TEMPERATURE PROFILE IN A THERMAL MANAGEMENT SYSTEM
OF AN ELECTRIC VEHICLE

APPLICATION NUMBER: 16243988

FILING DATE: 01/09/2019

PATENT NUMBER:

ISSUE DATE:

TITLE: SYSTEMS AND METHODS FOR COOLING BATTERY CELLS

APPLICATION NUMBER: 16269450 FILING DATE: 02/06/2019
PATENT NUMBER: 10641836 ISSUE DATE: 05/05/2020
TITLE: BATTERY STATE OF HEALTH ESTIMATION USING OPEN CIRCUIT VOLTAGE SLOPE

APPLICATION NUMBER: 16289571 FILING DATE: 02/28/2019
PATENT NUMBER: ISSUE DATE:
TITLE: THRESHOLD DISCHARGING C-RATES FOR BATTERY CELLS IN LOW TEMPERATURE ENVIRONMENTS

APPLICATION NUMBER: 16289667 FILING DATE: 03/01/2019
PATENT NUMBER: ISSUE DATE:
TITLE: STATE OF CHARGE ERROR ESTIMATION OF BATTERY CELLS BACKGROUND

APPLICATION NUMBER: 16293615 FILING DATE: 03/05/2019
PATENT NUMBER: 11121430 ISSUE DATE: 09/14/2021
TITLE: BLOCK COPOLYMER SEPARATORS WITH NANO-CHANNELS FOR LITHIUM-ION BATTERIES

APPLICATION NUMBER: 16357253 FILING DATE: 03/18/2019
PATENT NUMBER: ISSUE DATE:
TITLE: METHODS AND SYSTEMS FOR VARIABLE MAXIMUM CURRENT PROTECTION FOR BATTERY SYSTEMS

APPLICATION NUMBER: 16357267 FILING DATE: 03/18/2019
PATENT NUMBER: 11121353 ISSUE DATE: 09/14/2021
TITLE: SYSTEMS AND METHODS FOR POTASSIUM ENHANCING SILICON-CONTAINING ANODES FOR IMPROVED CYCLABILITY

APPLICATION NUMBER: 16358677 FILING DATE: 03/19/2019
PATENT NUMBER: ISSUE DATE:
TITLE: BATTERY CELL WITH PHASE CHANGE CORE

APPLICATION NUMBER: 16358682 FILING DATE: 03/19/2019
PATENT NUMBER: ISSUE DATE:
TITLE: ISOTROPIC SELF-ASSEMBLY OF GRAPHITE PARTICLES FOR LI-ION ANODE

APPLICATION NUMBER: 16373610 FILING DATE: 04/02/2019
PATENT NUMBER: ISSUE DATE:
TITLE: BATTERY CELL DESIGN WITH A NON-INVASIVE LITHIUM REFERENCE LEAD

APPLICATION NUMBER: 16373612 FILING DATE: 04/02/2019
PATENT NUMBER: 10601047 ISSUE DATE: 03/24/2020
TITLE: PRE-CRACKED ANODE PARTICLES FOR HIGH-RATE CHARGING APPLICATIONS

APPLICATION NUMBER: 16373621 FILING DATE: 04/02/2019
PATENT NUMBER: ISSUE DATE:
TITLE: BATTERY CELL DESIGN WITH A COATED LITHIUM REFERENCE ELECTRODE

APPLICATION NUMBER: 17372711 FILING DATE: 07/12/2021
PATENT NUMBER: ISSUE DATE:
TITLE: SYSTEMS AND METHODS FOR POTASSIUM ENHANCING SILICON-CONTAINING ANODES FOR IMPROVED CYCLABILITY

ASSIGNMENT RECORDATION BRANCH
PUBLIC RECORDS DIVISION