505103711 09/20/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

n v1.1 EPAS ID: PAT5150470

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKINOBU NISHIKAWA	08/28/2018
TAKESHI KUWAHARA	08/28/2018
EIJI ITO	08/27/2018
YASUKI YOSHIKAWA	08/27/2018

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
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City:	TOYOTA-SHI, AICHI-KEN
State/Country:	JAPAN
Postal Code:	471-8571

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16136665

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	08TMCE11002PA
NAME OF SUBMITTER:	CESARE A. SCLAFANI
SIGNATURE:	/Cesare A. Sclafani/
DATE SIGNED:	09/20/2018

Total Attachments: 2

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PATENT 505103711 REEL: 046927 FRAME: 0648

ASSIGNMENT

WHEREAS, we, Yukinobu Nishikawa, of c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, Takeshi Kuwahara of c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, Eiji Ito of c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, and Yasuki Yoshikawa, of c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi, 471-8571 Japan, hereinafter the ASSIGNOR(S), invented certain new and useful Electric Vehicle for which we executed an application for a United States Patent and for which said application for United States Patent was filed on September 20, 2018, under

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☑ Attorney Docket No. 08TMCE11002PA;

WHEREAS, the ASSIGNOR(S) hereby authorize(s) and request(s) the attorney(s) and/or agent(s) empowered to act on **Toyota Jidosha Kabushiki Kaisha**'s behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

WHEREAS, **Toyota Jidosha Kabushiki Kaisha**, a business of Japan, with a place of business at 1, Toyota-cho, Toyota-shi, Aichi-ken 471-8571, Japan, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any Letters Patent that may issue thereon;

AND, WHEREAS, it is the intent of the ASSIGNOR(S) to assign all rights to the above referenced application to the ASSIGNEE, including, but not limited to, all substantive rights in the above-referenced application as well as the right to claim priority, the right to be granted a patent in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States;

NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto said ASSIGNEE, its successors and assigns, the entire right, title and interest, including the right to claim priority in and to said application, the inventions therein disclosed, and any improvements thereon, and in any and all Letters Patent that may be granted therefor in the United States and its territorial possessions and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, and in and to any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof;

ASSIGNOR(S) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all countries and Regional Patent Offices, including, without limitation, the PCT Contracting States, to issue, when granted, any Letters Patent thereon, and any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof, to said ASSIGNEE, its successors and assigns, as the assignee of the entire right title and interest in and to the same, for the sole use and behalf of the ASSIGNEE and the ASSIGNEE's successors and assigns, to the full end of the term for which the Letters Patent may be granted, including the term of any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and

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reissues thereof, as fully and entirely as the same would have been held by the ASSIGNOR(S) had this assignment not been made;

ASSIGNOR(S) hereby authorize said ASSIGNEE, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof; and

ASSIGNOR(S) hereby agree that, upon request, ASSIGNOR(S) will sign all papers, and make all rightful oaths, and do all acts which said ASSIGNEE, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States application or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any Letters Patent issued thereon, including any and all divisions, continuations, substitutions, renewals, re-examinations, extensions and reissues thereof.

ASSIGNOR(S):

By: Jukingly Nichikana

Date: August 28, 2018

By: <u>bakeshi Xuunhara</u> Takeshi Kuwahara

Date: August 28. 2018

By: Eiji eto
Eiji Ito

Date: August 27, 2018

By: Yasuki Yoshikana

Yasuki Yoshikawa

Date: August 27, 20/8

PATENT REEL: 046927 FRAME: 0650

RECORDED: 09/20/2018