PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOJI TORITA	09/10/2019
TAKUYA ASARI	08/21/2019
AKIHIRO OCHIAI	08/21/2019
YUSUKE FUKUMOTO	08/21/2019
NAOYUKI WADA	08/23/2019

RECEIVING PARTY DATA

Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16589281

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NAME OF SUBMITTER:	CHRISTIAN C. MICHEL	
SIGNATURE:	/Christian C. Michel/	
DATE SIGNED: 10/02/2019		

Total Attachments: 2

PATENT REEL: 050592 FRAME: 0877

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> PATENT REEL: 050592 FRAME: 0878

<u>ASSIGNMENT</u>

WHEREAS, I/We, (1) Koji TORITA, (2) Takuya ASARI, (3) Akihiro OCHIAI, (4) Yusuke FUKUMOTO, and (5) Naoyuki WADA; all citizens of Japan, having a mailing address, at (1) c/o TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan and (2)-(5) c/o Panasonic Corporation, 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501 Japan (hereinafter ASSIGNORS), have made a certain invention entitled Positive Electrode, Non-Aqueous Electrolyte Secondary Battery, and Method of Producing Positive Electrode for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, <u>TOYOTA JIDOSHA KABUSHIKI KAISHA</u> a corporation duly organized under the laws of the Japan, located and doing business at <u>1</u>, <u>Toyota-cho</u>, <u>Toyota-shi</u>, <u>Aichi-ken</u>, <u>471-8571 Japan</u> (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States; and our right to file said foreign applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any

PATENT REEL: 050592 FRAME: 0879 payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Dickinson Wright PLLC 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 Office for recordation of this document.

IN WITNESS WHEREOF, we have hereunder set our hand and seal.

September 10, 2019	Kapi Torita
Date	Koji TORITA
August 21, 2019 Date	Takuya Asari Takuya Asari
Date	Takuya ASARI
August 21, 2019 Date	Akihira Ochiai
Date	Akihiro OCHIAI
August 21, 2019 Date	yusube Fukumoto
Date	Yusuke FUKUMOTO
August 23, 2019 Date	Naoyuki Wada Naoyuki WADA
Date	Naoyuki WADA