

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3919938

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHINICHI URABE	05/10/2016
TOSHIHISA SHIMIZU	06/01/2016
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15139453
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NAME OF SUBMITTER:	CESARE A. SCLAFANI
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DATE SIGNED:	06/15/2016
Total Attachments: 2	
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ASSIGNMENT

WHEREAS, we, **Shinichi Urabe**, of **Nagaizumi-cho, Sunto-gun, Shizuoka-ken, Japan** and **Toshihisa Shimizu**, of **Fuchu-shi, Tokyo, Japan**, hereinafter the *ASSIGNORS*, invented certain new and useful **Operating Point Control Circuit Device for Series-Connected Photovoltaic Cells or Other Electric Sources** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on April 27, 2016, under

Patent Application Serial No. 15/139,453

Attorney Docket No. 94374-3/AT-F-1426;

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) empowered to act on **Toyota Jidosha Kabushiki Kaisha and Tokyo Metropolitan University's** behalf in the aforementioned application, to insert above the filing date, application number and/or Attorney Docket No. 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, and **Tokyo Metropolitan University**, a Public Research University of Japan, with a place of business at 3-1, Nishishinjuku 2-Chome, Shinjuku-Ku, Tokyo, Japan 163-8001, hereinafter called the *ASSIGNEES*, is desirous of jointly acquiring *ASSIGNORS'* 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 *ASSIGNORS* to assign all rights to the above referenced application to the *ASSIGNEES*, 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, *ASSIGNORS* hereby sell, assign and transfer unto said *ASSIGNEES*, jointly, 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;

ASSIGNORS 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 *ASSIGNEES*, its successors and assigns, as the assignees of the entire right title and interest in and to the same, for the sole use and behalf of the *ASSIGNEES* and the *ASSIGNEES'* 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 reissues thereof, as fully and entirely as the same would have been held by the *ASSIGNORS* had this assignment not been made;

ASSIGNORS hereby authorize said *ASSIGNEES*, 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

ASSIGNORS hereby agree that, upon request, *ASSIGNORS* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEES*, 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.

ASSIGNORS:

By: Shinichi Urabe
Shinichi Urabe

Date: 10th May, 2016

By: T. Shimizu
Toshihisa Shimizu

Date: 1st, June, 2016