

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4237499

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
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<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15099089
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<b>DATE SIGNED:</b>	01/23/2017
<b>Total Attachments: 3</b>	

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## ASSIGNMENT

WHEREAS, Julian Burschka of Mollerstrasse 27, Darmstadt, Germany 64289; Florian Kessler of St. Georg-Str. 30, Hochstadt an der Aisch, Germany 91315; Etienne Baranoff of 14, Station Road Harborne, Birmingham, United Kingdom B17 9LH; Mohammad Khaja Nazeeruddin of Chemin de Montaney 10, Ecublens, Switzerland 1024; Michael Graetzel of Chemin de Marquisat 7a, St-Sulpice, Switzerland 1025; Shaik Mohammed Zakeeruddin of Rue de l'Industrie 57, Bussigny-Lausanne, Switzerland 1030; Anders Hagfeldt of Chemin des Salines 13, Lully, Switzerland 1132; Marina Freitag of Rue du Centre 160, St-Sulpice, Switzerland 1025; and Fabrizio Giordano of Route Cantonale 61, St-Sulpice, Switzerland 1025, hereinafter referred to as Assignors, have made one or more new and useful inventions in METAL COMPLEXES FOR USE AS DOPANTS AND OTHER USES for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Ecole Polytechnique Federale de Lausanne (EPFL), hereinafter referred to as Assignee, having a principal place of business at EPFL-TTO, EPFL Innovation Park J, Lausanne, Switzerland 1015, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer

unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application entitled METAL COMPLEXES FOR USE AS DOPANTS AND OTHER USES, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

Assignors hereby authorize Assignee, its counsel, or its agents to fill in some or all of the following list of information items (a) and (b) at the discretion of the Assignee, its counsel, or its agents:

(a) Filing Date of the Application: April 14, 2016

(b) Patent Office Number of the Application: 15/099,089

Assignors hereby authorize and request the Honorable Assistant Secretary and Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Julian Burschka

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

\_\_\_\_\_  
Florian Kessler

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

Etienne Baranoff

WITNESS Assignor's hand this 22 day of December, 2016.

Mohammad Khaja Nazzeruddin  
Mohammad Khaja Nazzeruddin

WITNESS Assignor's hand this 23 day of November, 2016.

Michael Gmetzel  
Michael Gmetzel

WITNESS Assignor's hand this 21 day of November, 2016.

Shaik Mohammed Zakeeruddin  
Shaik Mohammed Zakeeruddin

WITNESS Assignor's hand this 17 day of November, 2016.

Anders Hagfeldt  
Anders Hagfeldt

WITNESS Assignor's hand this \_\_\_\_\_ day of \_\_\_\_\_, 2016.

Marina Freitag

WITNESS Assignor's hand this 17 day of NOVEMBER, 2016.

Fabrizio Giordano  
Fabrizio Giordano