505360092 03/06/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
UNIVERSITAET ZU KOELN	06/13/2017

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### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12346916

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DATE SIGNED:	03/06/2019

**Total Attachments: 1** 

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**PATENT** REEL: 048515 FRAME: 0504 505360092

#### CONFIRMATORY PATENT ASSIGNMENT

This Confirmatory Patent Assignment confirms the transfer on July 28, 2016 and/or September 12, 2016, from Universität zu Köln ("Assignor") to Forschungszentrum Juelich GmbH ("Assignee"), of the Assignor's ownership and interests in the following U.S. Patent:

U.S. Patent No. 8,473,059, issued June 25, 2013.

WHEREAS, pursuant to contracts between Assignor and Assignee dated July 28, 2016 and September 12, 2016, the Assignor transferred, sold and assigned to Assignee, all of its right, title and interest in and to the foregoing issued U.S. patent and all U.S. and foreign patent applications claiming priority thereto (collectively the "Patents and Patent Applications").

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby confirms having assigned, transferred, conveyed, and delivered to the Assignee, its successors and assigns, effective as of the execution date of the contracts, the entire right, title and interest for the Patents and Patent Applications and for all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of the Patents and Patent Applications, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to the Assignee herein, as assignee of the entire interest therein; and the Assignor, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for patent and all assignments thereof to the Assignee or its assigns, to communicate to the Assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of the Patents and Patent Applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist the Assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to Assignee.

UNIVERSITÄT ZU KÖLN

F. Jäger

Leiter der DFS-Verwaltung said applications to be borne and paid by the Assignee.

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