## 505165295 10/30/2018

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16092001

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SIGNATURE: /Michael Soderman 61366/

DATE SIGNED: 10/30/2018

**Total Attachments: 2** 

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PATENT 505165295 REEL: 047346 FRAME: 0377

# PATENT APPLICATION ASSIGNMENT

For value received,

Application No.: 16/092,001 Filing date: October 8, 2018

Heidemarie Schmidt ("Assignor") Bayreuther Strasse 21 01187 Dresden Germany

Kefeng Li ("Assignor") Bernsdorfer Str. 59 09126 Chemnitz Germany

Ilona Skorupa ("Assignor") Königsbrücker Landstrasse 353 01108 Dresden Germany Nan Du ("Assignor") Bernsdorfer Str. 59 09126 Chemnitz Germany

hereinafter assign, transfer and set over to

Helmholtz-Zentrum Dresden - Rossendorf e.V. ("Assignee") Bautzner Landstrasse 400 01328 Dresden Germany

and its successors or assigns 100% of the following: (A) Assignors' right, title and interest in and to the invention entitled "Method and Means for Operating a Complementary Analogue Reconfigurable Memristive Resistive Switch and Use Thereof as an Artificial Synapse" invented by the Assignors; (B) the application for United States patent therefor with the application number and filing date shown above based on PCT/EP2017/057886 filed on 2017-04-03; (C) any patent or reissues of any patent that may be granted thereon; and (D) any provisional patent applications which said application claims priority of, or nonprovisional applications which claim priority of said application, or continuations, continuations-in-part, substitutes or divisions of said application.

Assignors also authorize and request the Commissioner for Patents to issue any resulting patent to the Assignee.

Assignors hereby represent and warrant that Assignors have the legal right and authority to execute this assignment declaration, and to validly assign the entire interest in the patent application to Assignee. Assignors further represent and warrant that Assignors have not executed any agreement that would conflict with the terms of this assignment declaration, nor shall they execute any such agreement in the future.

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Patent Application Assignment

PATENT REEL: 047346 FRAME: 0378

Assignors hereby agree to execute all papers and to take any further actions necessary to aid Assignee in perfecting Assignee's interest in the patent application, and in any letters patent granted thereon, and in enforcing any and all protections or privileges deriving from the patent application or from said letters patent.

IN WITNESS WHEREOF, the Assignors have executed the document on the date shown below.

I hereby authorize and instruct my attorney, Michael Soderman of Tauentzienstr. 9-12, 10789 Berlin, Germany, to insert the filing date and application number of the corresponding US application when known.

Signature: Heidemarie Schmidt

Signature: KefengiLi

Signature: City, Date: Chemintz, 25, 10, 2018

City, Date: Chemintz, 25, 10, 2018

City, Date: Desclar, 23, 10, 2018

Signature: City, Date: City

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Patent Application Assignment