

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4210905

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ABB RESEARCH LTD	12/02/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABB SCHWEIZ AG
<b>Street Address:</b>	BROWN BOVERI STRASSE 6
<b>City:</b>	BADEN
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-5400
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8578602
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(703)836-2021
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	703 8386525
<b>Email:</b>	DEBORAH.THODOS@BIPC.COM
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<b>ATTORNEY DOCKET NUMBER:</b>	1004501-001072
<b>NAME OF SUBMITTER:</b>	DEBORAH D. THODOS
<b>SIGNATURE:</b>	/DEBORAH D. THODOS/
<b>DATE SIGNED:</b>	01/05/2017
<b>Total Attachments: 4</b>	
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## ASSIGNMENT AND TRANSFER AGREEMENT

THIS ASSIGNMENT AND TRANSFER AGREEMENT is effective as of December 1, 2016, 2016 (the "Agreement"), by and between ABB Research Ltd, a company incorporated in Switzerland, having a registered office at Affolternstrasse 44, CH-8050 Zürich, Switzerland ("Assignor") and ABB Schweiz AG as legal successor of ABB Technology Ltd. due to merger on June 14, 2016, a company incorporated in Switzerland, having a registered office at Brown Boveri Strasse 6, CH-5400 Baden, Switzerland ("Assignee") (each of Transferor and Transferee, a "Party" and collectively, the "Parties").

### WHEREAS

1. The Assignor is the recorded owner of certain patents set forth in the Schedule of this Agreement (Scheduled Patents). The Assignor has not granted any right relating to said Scheduled Patents and particularly, has not given any assignment, any non-exclusive or exclusive license, any pawn or any pledge.

The Assignor has maintained this European Patent valid until this date.

The Assignor is willing to assign and transfer the entire right, title and interest in, to and under the Scheduled Patents.

2. The Assignee wishes to obtain entire right, title and interest in, to and under the Scheduled Patents.

The Assignee wishes to take its possession as from December 1, 2016.

### IT HAS BEEN AGREED AS FOLLOWS

#### Article 1

The Assignor assigns and transfers, by the present Agreement, to the Assignee who accepts, the entire right, title and interest in, to and under the Scheduled Patents, without any restriction.

Consequently, the Assignee will be the only owner of said Scheduled Patents and is subrogated to all Assignor's rights relating to said Scheduled Patents.

#### Article 2

The assignment and transfer is granted at Assignee's own risks. The Assignor offers no other guarantee than the material existence of the Scheduled Patents.

#### Article 3

Any taxes and expenses relating to the assignment and transfer of the Scheduled Patents are at Assignee's expense and the Assignee hereby accepts this provision.

Article 4

Assignor hereby authorizes and requests the government officers in the Patents and Trademarks Offices in all applicable jurisdictions to record Assignee as the legal owner of the Scheduled Patents.

Article 5


This Agreement shall be governed by and construed in accordance with the laws of Switzerland. Any dispute or difference arising out of or in connection with this Agreement, including any question regarding its existence, validity or termination or the legal relationships established by the Agreement, which cannot be settled amicably shall be finally resolved by arbitration under the UNCITRAL Rules in force at the date of this Agreement. It is agreed that the tribunal shall consist of three (3) arbitrators, and that in default of the Parties' agreement as to the arbitrators, the appointing authority shall be the Zurich Court of International Arbitration. The place of the arbitration shall be Zurich and the language of the arbitration shall be English.

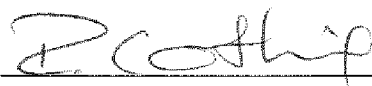
Article 6

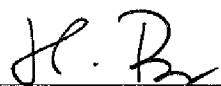
This Agreement may be signed in counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.


ABB Research Ltd

ABB Schweiz AG

  
\_\_\_\_\_  
Name/Title: B. Husain CTO  
Date: 2.12.2016

  
\_\_\_\_\_  
Name/Title: RENE CORTING CTO  
Date: 2.12.2016

  
\_\_\_\_\_  
Name/Title: Hansjoerg Berger  
Date: 2.12.16

  
\_\_\_\_\_  
Name/Title: Elisabeth Egli  
Date: 13.12.2016

**SCHEDULE**  
**Scheduled Patents**

Filing Number	Filing Type (Code)	Publication Number	Expiry Date (Date)	Grant Number	Grant Date
200910259025.2	NP	101902024	09 Dez 2029	ZL200910259025.2	29 Okt 2014
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