

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Navid Mahdizadeh</td> <td>06/10/2013</td> </tr> <tr> <td>Thomas Alfred Paul</td> <td>06/10/2013</td> </tr> <tr> <td>Judith Kessler</td> <td>06/10/2013</td> </tr> <tr> <td>Markus Bujotzek</td> <td>06/10/2013</td> </tr> <tr> <td>Patrick Stoller</td> <td>06/10/2013</td> </tr> <tr> <td>Max-Steffen Claessens</td> <td>06/10/2013</td> </tr> <tr> <td>Per Skarby</td> <td>06/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Navid Mahdizadeh	06/10/2013	Thomas Alfred Paul	06/10/2013	Judith Kessler	06/10/2013	Markus Bujotzek	06/10/2013	Patrick Stoller	06/10/2013	Max-Steffen Claessens	06/10/2013	Per Skarby	06/11/2013
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Max-Steffen Claessens	06/10/2013																
Per Skarby	06/11/2013																
RECEIVING PARTY DATA																	
Name:	ABB Research Ltd.																
Street Address:	Affolternstrasse 44																
City:	CH-8050 Zurich																
State/Country:	SWITZERLAND																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13918491</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13918491												
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CORRESPONDENCE DATA																	
Fax Number:	2033271096																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	203-324-6155																
Email:	abryce@ssjr.com																
Correspondent Name:	Wesley W. Whitmyer Jr.																
Address Line 1:	986 Bedford Street																
Address Line 4:	Stamford, CONNECTICUT 06905																
ATTORNEY DOCKET NUMBER:	04189-P0132A																
NAME OF SUBMITTER:	Wesley W. Whitmyer Jr.																

OP \$40.00 13918491

Signature:	/Wesley W. Whitmyer Jr./
Date:	08/28/2013
Total Attachments: 8 source=04189-P0132A#page1.tif source=04189-P0132A#page2.tif source=04189-P0132A#page3.tif source=04189-P0132A#page4.tif source=04189-P0132A#page5.tif source=04189-P0132A#page6.tif source=04189-P0132A#page7.tif source=04189-P0132A#page8.tif	

Assignment

WHEREAS, We, the undersigned inventors, have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled Dielectric Insulation Medium, bearing U.S. Patent Application No. 13/918,491 and filed on June 14, 2013;

WHEREAS, ABB Research Ltd., a company organized and existing under the laws of Switzerland, and having an office and place of business at Affolternstrasse 44; CH-8050 Zurich, Switzerland; and, together with its successors and assigns is hereinafter called "Assignee", and is desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

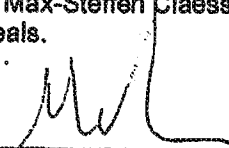
NOW THEREFORE, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application

documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns, which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, we, Navid Mahdizadeh, Thomas Alfred Paul, Judith Marold, Markus Bujotzek, Patrick Stoller, Max-Steffen Claessens, and Per Skarby, have hereunto set our hands and affixed our seals.

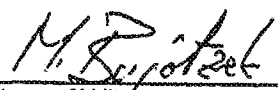
10.06.13  
Date

  
Navid Mahdizadeh  
St. Christopherstrasse 8  
CH-5400 Baden, Switzerland

Declaration of Witness

I declare that I was personally present and did see Navid Mahdizadeh, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Baden-Dättwil, on 10.06.2013.

  
Signature of Witness  
MARKUS BUJOTZEK  
Name of Witness

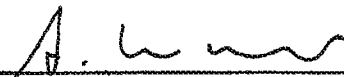
10.6.2013  
Date

  
Thomas Alfred Paul  
~~Stadtturmstrasse 24~~ Einsiedlerstr. 3  
-CH-5400 Baden, Switzerland CH-8920 Wädenswil

Declaration of Witness

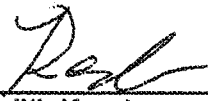
I declare that I was personally present and did see Thomas Alfred Paul, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Baden-Dättwil, on 10.06.13.

  
Signature of Witness

Axel Kramer  
Name of Witness

10.6.13  
Date

  
Judith Kessler  
Badenerstrasse 39  
CH-5452 Oberrohrdorf, Switzerland

Declaration of Witness

I declare that I was personally present and did see Judith Marold, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Zurich, on 10.06.2013.

  
Signature of Witness

Amir Azad  
Name of Witness

10.06.2013  
Date

M. Bujotzek  
Markus Bujotzek  
Kaferholzstrasse 256  
CH-8046 Zurich, Switzerland

Declaration of Witness

I declare that I was personally present and did see Markus Bujotzek, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Baden-Dörfwil, <sup>CH 4022</sup>, on 10.06.13

NA  
Signature of Witness

NAVID MAHDI ZADEH  
Name of Witness

June 10, 2013  
Date

Patrick Stoller  
Patrick Stoller  
Gubelstrasse 31  
CH-8050 Zurich, Switzerland

Declaration of Witness

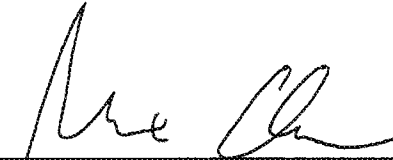
I declare that I was personally present and did see Patrick Stoller, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Baden - Dättwil, on 10.06.2013.

M. Bujotzek  
Signature of Witness  
HARKUS BUJOTZEK  
Name of Witness



10.6.2013  
Date

  
\_\_\_\_\_  
Max-Steffen Claessens  
Weinbergstrasse 29,  
CH-5417 Untersiggenthal, Switzerland

**Declaration of Witness**


I declare that I was personally present and did see Max-Steffen Claessens, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Zurich, on June 10th, 2013

  
\_\_\_\_\_  
Signature of Witness

Alper Akdag  
\_\_\_\_\_  
Name of Witness

11.6.2013  
Date

  
Per Skarby  
Bachstrasse 46  
CH-5436 Wurenlos, Switzerland

**Declaration of Witness**

I declare that I was personally present and did see Per Skarby, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at ABB Zuerich, on 2013-06-11

  
Signature of Witness

Dieter Fuchsle  
Name of Witness