

PATENT ASSIGNMENT

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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>Przemyslaw BALCEREK</td> <td>01/05/2012</td> </tr> <tr> <td>Marek FULCZYK</td> <td>01/05/2012</td> </tr> <tr> <td>Eugeniusz ROSOLOWSKI</td> <td>01/05/2012</td> </tr> <tr> <td>Jan IZYKOWSKI</td> <td>01/05/2012</td> </tr> <tr> <td>Murari SAHA</td> <td>01/05/2012</td> </tr> <tr> <td>Piotr PIERZ</td> <td>01/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Przemyslaw BALCEREK	01/05/2012	Marek FULCZYK	01/05/2012	Eugeniusz ROSOLOWSKI	01/05/2012	Jan IZYKOWSKI	01/05/2012	Murari SAHA	01/05/2012	Piotr PIERZ	01/05/2012
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>ABB RESEARCH LTD</td> </tr> <tr> <td>Street Address:</td> <td>Affolternstrasse 44</td> </tr> <tr> <td>City:</td> <td>Zurich</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> <tr> <td>Postal Code:</td> <td>CH-8050</td> </tr> </table>		Name:	ABB RESEARCH LTD	Street Address:	Affolternstrasse 44	City:	Zurich	State/Country:	SWITZERLAND	Postal Code:	CH-8050				
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PROPERTY NUMBERS Total: 1															
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Application Number:	13384637														
CORRESPONDENCE DATA															
Fax Number:	(330)376-9646														
Phone:	330-376-1242														
Email:	morton@rennerkenner.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	Andrew B. Morton														
Address Line 1:	Renner Kenner Greive Bobak Taylor & Webe														
Address Line 2:	106 SOUTH MAIN STREET, Suite 400														
Address Line 4:	AKRON, OHIO 44308-1412														
ATTORNEY DOCKET NUMBER:	BPL.P0005														

OP \$40.00 13384637

NAME OF SUBMITTER:

Andrew B. Morton

Total Attachments: 5

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Assignment

In Consideration of the sum of One Polish Zloty (zł1.00), and of other good and valuable consideration paid to the undersigned by the Assignee, ABB Research Ltd, a corporation organized under the laws of the Switzerland, and having its principal office and place of business at Affolternstrasse 44, CH-8050, Zurich, receipt whereof is hereby acknowledged, the undersigned by these presents hereby sold, assigned, transferred and set over unto the said assignee the entire right, title and interest in and to the invention or improvement in

A METHOD OF FAULT PHASE SELECTION AND FAULT TYPE DETERMINATION

executed this date, which claims priority of PCT application number PCT/EP2010/004970 filed August 6, 2010, claiming priority of European patent application number 09460038.4 filed August 31, 2009, in and for the United States and all foreign countries, the same to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full ends of the terms for which all Letters Patent therefor may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

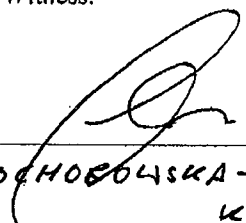
And Said Assignee is Hereby Authorized to make application for and to receive Letters Patent for said invention in any of said countries of its election.

And By This Covenant The Undersigned will execute or procure any further necessary assurance of title to said invention and Letters Patent; and at any time, upon the request and at the expense of said assignee, will execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention or any Letters Patents which may be granted therefor in said Assignee, its successors, assigns or other legal representatives, and upon the request and at the expense of said assignee, will execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of said Letters Patents to be granted therefor, and will make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein without further compensation, but at the expense of said assignee, its successors, assigns or other legal representatives.

And The Commissioner of Patents is Hereby Authorized and Requested to issue any and all Letters Patents of the United States for said invention to said assignee.

Signed and sealed this 5 day of January, 2012.

Witness:



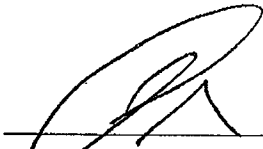
 CHOCHOBOWSKA-WINIARSKA
 KRYSZYNA



 Przemysław BALCEREK

Signed and sealed this 05 day of January, 2012.

Witness:



CCHOCHORBOWSKA-WINIARSKA
KRYSZYNA



Marek FULCZYK

Signed and sealed this _____ day of _____, 2012.

Witness:

Eugeniusz ROSOŁOWSKI

Signed and sealed this _____ day of _____, 2012.

Witness:

Jan IZYKOWSKI

Signed and sealed this _____ day of _____, 2012.

Witness:

Murari SAHA

Signed and sealed this _____ day of _____, 2012.

Witness:

Marek FULCZYK

Signed and sealed this 5 day of January, 2012.

Witness:

[Signature]
JANUSZ STASZEWSKI

[Signature]
Eugeniusz ROSOŁOWSKI

Signed and sealed this 5 day of January, 2012.

Witness:

[Signature]
BARTOSZ BRUSKOWICZ

[Signature]
Jan IZYKOWSKI

Signed and sealed this _____ day of _____, 2012.

Witness:

Murati SAHA

Signed and sealed this _____ day of _____, 2012.

Witness:

Marek FULCZYK

Signed and sealed this _____ day of _____, 2012.

Witness:

Eugeniusz ROSOŁOWSKI

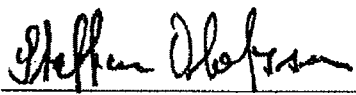
Signed and sealed this _____ day of _____, 2012.

Witness:


Jan IZYKOWSKI

Signed and sealed this 5 day of January, 2012.

Witness:



STAFFAN OLOFSSON



Murari SAHA

Signed and sealed this 5 day of January, 2012.

Witness:

Jedut
LESZEK JEDUT

Piotr Pier
Piotr PIERZ