

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>Bertil BERGGREN</td> <td>07/30/2013</td> </tr> <tr> <td>Jurgen HAFNER</td> <td>08/01/2013</td> </tr> <tr> <td>Lars-Erik JUHLIN</td> <td>08/01/2013</td> </tr> <tr> <td>Kerstin LINDEN</td> <td>07/31/2013</td> </tr> <tr> <td>Lidong ZHANG</td> <td>07/30/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bertil BERGGREN	07/30/2013	Jurgen HAFNER	08/01/2013	Lars-Erik JUHLIN	08/01/2013	Kerstin LINDEN	07/31/2013	Lidong ZHANG	07/30/2013
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Lars-Erik JUHLIN	08/01/2013												
Kerstin LINDEN	07/31/2013												
Lidong ZHANG	07/30/2013												
RECEIVING PARTY DATA													
Name:	ABB TECHNOLOGY AG												
Street Address:	Affoltemstrasse 44												
City:	Zurich												
State/Country:	SWITZERLAND												
Postal Code:	CH-8050												
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>13983996</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13983996								
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CORRESPONDENCE DATA													
Fax Number:	7032058050												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	703-205-8000												
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Correspondent Name:	BIRCH, STEWART, KOLASCH & BIRCH, LLP												
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Address Line 4:	FALLS CHURCH, VIRGINIA 22040-0747												
ATTORNEY DOCKET NUMBER:	6046-0173PUS1												
NAME OF SUBMITTER:	Yolanda Askew-Sampson												
Signature:	/yolanda askew-sampson/												

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Date:

09/09/2013

Total Attachments: 10

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BIRCH, STEWART, KOLASCH & BIRCH, LLP

UNITED STATES PATENT RIGHTS, OR
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ASSIGNMENT

Application No.: 13/983,996 Filed: August 6, 2013

[Given Name FAMILY NAME (ALL CAPS)]

Insert Name(s) of Inventor(s) WHEREAS, Bertil BERGGREN, Jurgen HÄFNER, Lars-Erik JUHLIN, Kerstin LINDEN, Lidong ZHANG

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:

Insert Title of Invention A CURRENT LIMITATION SYSTEM FOR LIMITING THE EFFECTS OF A FAULT IN A DC GRID AND A METHOD OF OPERATING A CURRENT LIMITATION SYSTEM

for which an application for Letters Patent of the United States of America has been executed by the undersigned (except in the case of a provisional application)

Insert Date of Signing of Appln. on July 30, 2013; and

Insert Name of Assignee WHEREAS, ABB TECHNOLOGY AG

Insert Address of Assignee of Affolternstrasse 44 , CH-8050 ZÜRICH, Switzerland,

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

Check Box if Appropriate in any foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned has (have) sold, assigned and transferred, and by these presents does (do) sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries; and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

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In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2013-07-30 Name of Inventor Bertil BERGGREN
(Signature) Bertil BERGGREN

Date _____ Name of Inventor _____
(Signature) Jurgen HAFNER

Date _____ Name of Inventor _____
(Signature) Lars-Erik JUHLIN

Date _____ Name of Inventor _____
(Signature) Kerstin LINDEN

Date _____ Name of Inventor _____
(Signature) Lidong ZHANG

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(Signature) Bertil BERGGREN

Date 2013-08-01 Name of Inventor _____
(Signature) Jürgen HÄFNER

Date _____ Name of Inventor _____
(Signature) Lars-Erik JUHLIN

Date _____ Name of Inventor _____
(Signature) Kerstin LINDEN

Date _____ Name of Inventor _____
(Signature) Lidong ZHANG

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Date _____ Name of Inventor _____
(Signature) Jurgen HÄFNER

Date Aug 01, 2013 Name of Inventor Lars-Erik Juhlin
(Signature) Lars-Erik JUHLIN

Date _____ Name of Inventor _____
(Signature) Kerstin LINDEN

Date _____ Name of Inventor _____
(Signature) Lidong ZHANG

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Date _____ Name of Inventor _____
(Signature) Jurgen HÄFNER

Date _____ Name of Inventor _____
(Signature) Lars-Erik JUHLIN

Date 31 July, 2013 Name of Inventor _____
(Signature) Kerstin LINDEN

Date _____ Name of Inventor _____
(Signature) Lidong ZHANG

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Date 2013-07-30 Name of Inventor _____
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