

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Magnus AKKE	09/22/2008
Bjorn WESTMAN	09/22/2008
Henrik ASHUVUD	09/19/2008
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ABB RESEARCH LTD.
<b>Street Address:</b>	AFFOLTERNSTRASSE 52
<b>City:</b>	ZURICH
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-8050
<b>Name:</b>	ABB TECHNOLOGY LTD.
<b>Street Address:</b>	AFFOLTERNSTRASSE 44
<b>City:</b>	ZURICH
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	CH-8050
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12293601
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)344-8300
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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<b>Correspondent Name:</b>	ERIC J. FRANKLIN
<b>Address Line 1:</b>	VENABLE LLP, 575 7TH STREET, N.W.
<b>Address Line 4:</b>	WASHINGTON, DC, DISTRICT OF COLUMBIA 20004

CH \$40.00 12293601

ATTORNEY DOCKET NUMBER:	43315-263761
NAME OF SUBMITTER:	Eric J. Franklin
Total Attachments: 6 source=12293601-Assignment#page1.tif source=12293601-Assignment#page2.tif source=12293601-Assignment#page3.tif source=12293601-Assignment#page4.tif source=12293601-Assignment#page5.tif source=12293601-Assignment#page6.tif	

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Magnus AKKE, Simlinge Sonegarden, S-231 97 Simlinge, Sweden; Björn WESTMAN, Skultunav. 62, S-722 17 Västerås, Sweden; and Henrik ÅSHUVUD, Fogdeg 6a, S-722 19 Västerås, Sweden, hereinafter (collectively) referred to as the assignor, has invented certain improvements relating to LOAD COMPENSATION IN DISTANCE PROTECTION OF A THREE-PHASE POWER TRANSMISSION LINE, for which said assignor has caused an application for United States Letter Patent to be prepared,

- the inventor's declaration for said application being executed concurrently with the execution of this instrument;
- said application to be filed in the United States Patent and Trademark Office;
- said Non-Provisional application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, and given Application Number \_\_\_\_\_;
- said application having been filed under the Patent Cooperation Treaty on 18 October 2006, and given Application No. PCT/EP2006/067552, the United States of America having been designated.

AND WHEREAS            ABB Technology Ltd.  
                                 Affolternstrasse 44  
                                 CH-8050 ZÜRICH  
                                 Switzerland

hereinafter referred to as the assignee is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said invention and to said application, including any divisions and continuations thereof, and in any patents which may be granted therefor, including any renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said invention and said application, including any divisions and continuations thereof, and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any such patents when granted, including any renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any acts relating to the obtaining or to the asserting of said patents, including any renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 22 day of September, 2008

Signature:   
Name: Magnus AKKE  
Address: Simlinge Sonegarden, S-231 97 Simlinge, Sweden

EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

Signature: \_\_\_\_\_  
Name: Björn WESTMAN  
Address: Skultunav. 62, S-722 17 Västerås, Sweden

EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

Signature: \_\_\_\_\_  
Name: Henrik ÅSHUVUD  
Address: Fogdeg 6a, S-722 19 Västerås, Sweden

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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AND WHEREAS            ABB Technology Ltd.  
                              Affolternstrasse 44  
                              CH-8050 ZÜRICH  
                              Switzerland

hereinafter referred to as the assignees is desirous of acquiring the entire right, title and interest in and to said application, including any divisions and continuations thereof, and in and to said invention and any patents which may be granted therefor, including any renewals, reissues and prolongations thereof;

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EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

Signature: \_\_\_\_\_  
Name: Magnus AKKE  
Address: Simlinge Sonegarden, S-231 97 Simlinge, Sweden

EXECUTED, this 22 day of September, 2008

Signature: Björn Westman  
Name: Björn WESTMAN  
Address: Skultunav. 62, S-722 17 Västerås, Sweden

EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

Signature: \_\_\_\_\_  
Name: Henrik ÅSHUVUD  
Address: Fogdeg 6a, S-722 19 Västerås, Sweden

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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                              Affolternstrasse 44  
                              CH-8050 ZÜRICH  
                              Switzerland

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AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

Signature: \_\_\_\_\_  
Name:            Magnus AKKE  
Address:        Simlinge Sonegarden, S-231 97 Simlinge, Sweden

EXECUTED, this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_

Signature: \_\_\_\_\_  
Name:            Björn WESTMAN  
Address:        Skultunav. 62, S-722 17 Västerås, Sweden

EXECUTED, this 19<sup>th</sup> day of September, 2008

Signature: Henrik Åshuvud  
Name: Henrik ÅSHUVUD  
Address: Fogdeg 6a, S-722 19 Västerås, Sweden