

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Ming Li</td> <td>11/02/2012</td> </tr> <tr> <td>Markus Saltzer</td> <td>11/06/2012</td> </tr> <tr> <td>Uno Gafvert</td> <td>11/02/2012</td> </tr> <tr> <td>Cecilia Forssen</td> <td>11/07/2012</td> </tr> <tr> <td>Mikael Unge</td> <td>11/07/2012</td> </tr> <tr> <td>Lise Donzel</td> <td>11/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ming Li	11/02/2012	Markus Saltzer	11/06/2012	Uno Gafvert	11/02/2012	Cecilia Forssen	11/07/2012	Mikael Unge	11/07/2012	Lise Donzel	11/02/2012
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<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>CH-8050 Zurich</td> </tr> <tr> <td>State/Country:</td> <td>SWITZERLAND</td> </tr> </table>		Name:	ABB Research Ltd.	Street Address:	Affolternstrasse 44	City:	CH-8050 Zurich	State/Country:	SWITZERLAND						
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CORRESPONDENCE DATA															
<p>Fax Number: 2033271096 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 203-324-6155 Email: ccobb@ssjr.com Correspondent Name: Wesley W. Whitmyer, Jr. Address Line 1: 986 Bedford Street Address Line 2: St. Onge Steward Johnston & Reens LLC Address Line 4: Stamford, CONNECTICUT 06905</p>															
ATTORNEY DOCKET NUMBER:	04189-P0110A														
NAME OF SUBMITTER:	Wesley W. Whitmyer, Jr.														

OP \$40.00 13679501

Total Attachments: 7

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PATENT

REEL: 029553 FRAME: 0826

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 **High Voltage Direct Current Cable Termination Apparatus**, bearing U.S. Patent Application No. 13/679,501 and filed on November 16, 2012;

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

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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, Li Ming, Markus Saltzer, Uno Gäfvert, Cecilia Forssén, Mikael Unge, and Lise Donzel have hereunto set our hands and affixed our seals.

2012-11-02
Date

Li Ming
Li Ming
Högby Skogsväg 1
SE-723 41 Västerås, Sweden

Declaration of Witness

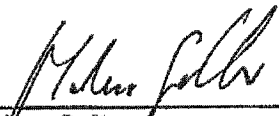
I declare that I was personally present and did see Li Ming, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Västerås, on 2012-11-02.

Nils Larsson
Signature of Witness

Nils Larsson
Name of Witness

Nov. 6, 2012
Date


Markus Saltzer
Steinackerstrasse 13
CH-5442 Fislisbach, Switzerland

Declaration of Witness

I declare that I was personally present and did see Markus Saltzer, 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 Nov 6 2012.


Signature of Witness

CHARLES DOTRON
Name of Witness

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2012-11-02
Date

Uno Gäfvert
Uno Gäfvert
Sportfiskargatan 49
SE-723 49 Västerås, Sweden

Declaration of Witness

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

Declared at Västerås, on 2012-11-02.

Nils Larsson
Signature of Witness

Nils Larsson
Name of Witness

2012-11-07
Date

Cecilia Forssén
Cecilia Forssén
Fullerövägen 4
SE-724 60 Västerås, Sweden

Declaration of Witness

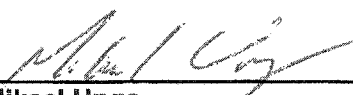
I declare that I was personally present and did see Cecilia Forssen, who is personally known to me to be the person named in this assignment, duly sign and execute the same.

Declared at Västerås, on 2012-11-07

Anna Christerson
Signature of Witness

Anna Christerson
Name of Witness


07/11/2012
Date


Mikael Unge
Flitiga Lisas väg 29
SE-722 46 Västerås, Sweden

Declaration of Witness

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

Declared at Västerås, on 07/11/2012.


Signature of Witness
Andreas Friberg
Name of Witness

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2/11/2012
Date

Penzel
Lise Donzel
Landstrasse 81a
CH-5430 Wettingen, Switzerland

Declaration of Witness

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

Declared at Dettwil, on 2/11/2012.

[Signature]
Signature of Witness

Moritz Böhm
Name of Witness