

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jean-Philippe Hasler	11/30/2011
RECEIVING PARTY DATA	
Name:	ABB Technology AG
Street Address:	Affoltemstrasse 44
City:	CH-8050 Zurich
State/Country:	SWITZERLAND
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13326114
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ATTORNEY DOCKET NUMBER:	05144-P0053A
NAME OF SUBMITTER:	Wesley W. Whitmyer
Total Attachments: 2 source=Assignment to ABB Technology AG#page1.tif source=Assignment to ABB Technology AG#page2.tif	

OP \$40.00 13326114

Assignment

WHEREAS, I, Jean-Philippe Hasler, a citizen of Sweden, reside at Medelpadsvagen 3; S-722 44 Vasteras; Sweden, and have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled **Arrangement For Exchanging Power**, bearing U.S. Patent Application No. 13/326,114 and filed on December 14, 2011;

WHEREAS, ABB Technology AG, a corporation 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 me, receipt and sufficiency of which I hereby acknowledge, I 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 my name 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 I 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 I have good right to assign the same to Assignee without encumbrance;

5. Bind my heirs, legal representatives and assigns, as well as myself, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to me 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 me, my 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 me 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 my control or in the control of my heirs, legal representatives or assigns, which may be useful for establishing the facts of my conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal.

November 30th, 2011
Date




Jean-Philippe Hasler
Medelpadsvagen 3
S-722 44 Vasteras, Sweden

Declaration of Witness

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

Declared at VÄSTERÅS, SWEDEN, on 02-DECEMBER 2011.



Signature of Witness

MARCIO MAGALHÃES DE OLIVEIRA
Name of Witness