

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Xianbin Xu	04/24/2013
Wenlong Jia	04/24/2013
RECEIVING PARTY DATA	
Name:	ABB TECHNOLOGY LTD.
Street Address:	Affolternstrasse 44
City:	Zurich
State/Country:	SWITZERLAND
Postal Code:	CH-8050
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	29453823
CORRESPONDENCE DATA	
Fax Number: 4403915101 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 440 391 5100 Email: upstocommunications@driggslaw.com Correspondent Name: Driggs, Hogg, Daugherty & Del Zoppo Co., Address Line 1: 38500 CHARDON ROAD Address Line 2: DEPT. ABB China Address Line 4: WILLOUGHBY HILLS, OHIO 44094	
ATTORNEY DOCKET NUMBER:	CN13022USDP_ABA407500USCN
NAME OF SUBMITTER:	Anthony M. Del Zoppo, III
Signature:	/Anthony M. Del Zoppo, III/
Date:	05/03/2013
Total Attachments: 2 source=CN13022USDP_ABA407500USCN_PatentAssignment#page1.tif source=CN13022USDP_ABA407500USCN_PatentAssignment#page2.tif	

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**PATENT**  
**REEL: 030343 FRAME: 0621**

DOCKET NO. CN13022USDP\_ABA407500USCN

**PATENT ASSIGNMENT**

For and in consideration of good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, the undersigned acknowledge their prior and ongoing obligation to sell, assign, and transfer, and agree to sell, assign, and transfer the entire world wide right, title and interest for the United States and all foreign countries, in and to any and all inventions and improvements conceived during and within the scope of their employment, and further acknowledge that they have sold, assigned, and transferred, and hereby sell, assign, and transfer, unto:

**ABB TECHNOLOGY LTD.**  
**Affolternstrasse 44**  
**Zurich, CH-8050 Switzerland**

a corporation of Switzerland, and ABB TECHNOLOGY LTD. desires to acquire all right, title, and interest, in and to the certain inventions (identified below), applications, and any United States and foreign patents to be obtained therefor relating to:

Title of Invention for United States Design Patent

**CONTROLLER**

as set forth in United States Design Patent Application executed by the undersigned on the date indicated by their signatures below, and further identified by Attorney Docket Number CN13022USDP\_ABA407500USCN executed concurrently herewith;

for and to said United States Design Patent Application including any and all divisions or continuations thereof and in and to any and all Patents of the United States and foreign patents and all rights of priority to be obtained therefor which may issue on any such application or for said invention therein disclosed, including any and all reissues or extensions thereof, to be held and enjoyed by, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all such Patents to ABB TECHNOLOGY LTD., its successors and assigns, in accordance herewith;

The undersigned warrant and covenant that they have not executed and will not execute any document or instrument in conflict herewith;

The undersigned further covenant and agree that they, upon the request of ABB TECHNOLOGY LTD., will execute and deliver any papers, make all rightful oaths, testify in any legal proceeding relating to said inventions and improvements, communicate to ABB TECHNOLOGY LTD. all facts known to the undersigned relating to such inventions and improvements and the history thereof, and perform all other lawful acts deemed necessary or desirable by ABB TECHNOLOGY LTD., and its legal representatives, to secure, maintain, and enforce patent protection for such inventions and improvements and for vesting title to such inventions and improvements in the ABB TECHNOLOGY LTD., and in particular to perfect title to said above-identified certain inventions and applications including divisions and continuations thereof, and any and all Letters Patent which may be granted therefor or thereon, including reissues,

extensions, or counterparts;

The undersigned hereby grant ABB TECHNOLOGY LTD. and the firm of Driggs, Hogg, Daugherty & Del Zoppo Co., LPA the power to insert in this Assignment any further identification which may be necessary or desirable for recordation of this Assignment.

Signature: XIANBIN XU Date: 2013.4.24  
XIANBIN XU

Signature: WENLONG JIA Date: 2013.4.24  
WENLONG JIA