

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>Mikael H. Davidsson</td><td>01/11/2008</td></tr><tr><td>Hemant Kanodia</td><td>01/14/2008</td></tr><tr><td>Thomas Buijs</td><td>02/28/2008</td></tr><tr><td>Claude LaFond</td><td>01/14/2008</td></tr></tbody></table>	Name	Execution Date	Mikael H. Davidsson	01/11/2008	Hemant Kanodia	01/14/2008	Thomas Buijs	02/28/2008	Claude LaFond	01/14/2008	
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Mikael H. Davidsson	01/11/2008										
Hemant Kanodia	01/14/2008										
Thomas Buijs	02/28/2008										
Claude LaFond	01/14/2008										
RECEIVING PARTY DATA											
Name:	ABB Inc.										
Street Address:	501 Merritt 7										
City:	Norwalk										
State/Country:	CONNECTICUT										
Postal Code:	06851										
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>11939696</td></tr></tbody></table>	Property Type	Number	Application Number:	11939696							
Property Type	Number										
Application Number:	11939696										
CORRESPONDENCE DATA											
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NAME OF SUBMITTER:	Deborah Powers										
Total Attachments: 4											

CH 11939696 \$40.00

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PATENT
REEL: 020634 FRAME: 0917

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ASSIGNMENT

This ASSIGNMENT, by Mikael H. Davidsson, Hemant Kanodia, Thomas Buijs and Claude Lafond, Residing at 12900 Lake Avenue Lakewood, Ohio 44107; 35105 Spatterdock Lane, Solon, Ohio 44139; 2052 Dickson Street, Quebec, Canada G1T 1C5; 7995 De Senart Street, Quebec, Canada G1H 1C6, respectively (hereinafter referred to as "the Assignor"), have invented certain new and useful improvements in the application for Letters Patent of the United States entitled:

which application is:

(1) ☐ a provisional application

(a) ☐ having Serial No. _____, filed on _____;

(b) ☐ to be filed with this Assignment; or

(2) ☒ a non-provisional application

(a) ☒ having Serial No. 11/939,696, filed on November 14, 2007;

(b) ☐ having an oath or declaration executed on the same date as the execution date of this Assignment which is prior to the filing of the U.S. patent application for this invention.

For good and sufficient consideration, the receipt of which is hereby acknowledged, each Assignor agrees to assign, and hereby does assign, transfer and set over to ABB Inc., a corporation duly organized under the laws of Connecticut, and having a principal place of business at 501 Merritt 7, Norwalk, CT 06851, (hereinafter referred to as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the application for patent identified herein (the "application") in the United States, its territories, dependencies and possessions, and if not already owned by another entity for all other national jurisdictions and international entities that have the power to grant patents, wherever situated, including without limitation all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the application for patent identified herein, including any provisional application, utility application, and/or design application, as well as any continuation application, divisional application, continuation-in-part application, reissue application, reexamination application, patent interference proceeding, and if not already owned by another entity, any foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

US Application No.: 11/939,696
Attorney Docket No.: E20060320

Date: JAN 11th 2008
Month Day, Year

Signature of Assignor: Mikael H Davidsson
Mikael H. Davidsson

Date: _____
Month Day, Year

Signature of Assignor: _____
Hemant Kanodia

Date: _____
Month Day, Year

Signature of Assignor: _____
Thomas Buijs

Date: _____
Month Day, Year

Signature of Assignor: _____
Claude Lafond

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Thomas Buijs

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Month Day, Year

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Claude Lafond

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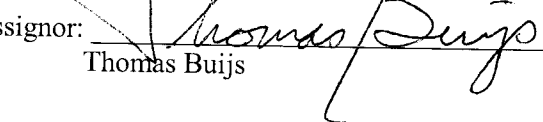
Date: _____
Month Day, Year

Signature of Assignor: _____
Mikael H. Davidsson

Date: _____
Month Day, Year

Signature of Assignor: _____
Hemant Kanodia

Date: Feb 28 2008
Month Day, Year

Signature of Assignor: 
Thomas Buijs

Date: Jan 14, 2008
Month Day, Year

Signature of Assignor: 
Claude Lafond