

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	MERGER										
EFFECTIVE DATE:	05/01/2011										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>7502966 Canada Inc.</td> <td>05/01/2011</td> </tr> </tbody> </table>		Name	Execution Date	7502966 Canada Inc.	05/01/2011						
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7502966 Canada Inc.	05/01/2011										
RECEIVING PARTY DATA											
Name:	ABB Inc.										
Street Address:	8585 TransCanada Highway										
City:	Saint-Laurent, Quebec										
State/Country:	CANADA										
Postal Code:	H4S 1Z6										
PROPERTY NUMBERS Total: 4											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13361577</td> </tr> <tr> <td>Application Number:</td> <td>12811350</td> </tr> <tr> <td>Patent Number:</td> <td>7480055</td> </tr> <tr> <td>Patent Number:</td> <td>8014965</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13361577	Application Number:	12811350	Patent Number:	7480055	Patent Number:	8014965
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Application Number:	13361577										
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CORRESPONDENCE DATA											
Fax Number:	4405857578										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	440-585-7840										
Email:	patents@us.abb.com										
Correspondent Name:	Michael M. Rickin										
Address Line 1:	29801 Euclid Avenue										
Address Line 2:	ABB Inc. - Legal Department - 4U6										
Address Line 4:	Wickliffe, OHIO 44092										
NAME OF SUBMITTER:	Michael M. Rickin										

CH \$160.00 13361577

Total Attachments: 9

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Certificate of Amalgamation

Canada Business Corporations Act

Certificat de fusion

Loi canadienne sur les sociétés par actions

ABB Inc.

Corporate name / Dénomination sociale

779576-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the above-named corporation resulted from an amalgamation, under section 185 of the *Canada Business Corporations Act*, of the corporations set out in the attached articles of amalgamation.

JE CERTIFIE que la société susmentionnée est issue d'une fusion, en vertu de l'article 185 de la *Loi canadienne sur les sociétés par actions*, des sociétés dont les dénominations apparaissent dans les statuts de fusion ci-joints.

Marcie Girouard

Director / Directeur

2011-05-01

Date of Amalgamation (YYYY-MM-DD)

Date de fusion (AAAA-MM-JJ)



2011-05-02

Corporations Canada
9th floor, Jean Edmonds Towers South
365 Laurier Avenue West
Ottawa, Ontario K1A 0C8

Corporations Canada
9e étage, Tour Jean Edmonds sud
365, avenue Laurier ouest
Ottawa (Ontario) K1A 0C8

Corporation Information Sheet

Canada Business Corporations Act (CBCA)

Fiche de renseignements concernant la société

Loi canadienne sur les sociétés par actions (LCSA)

ABB Inc.

Corporation Number	779576-9	Numéro de société
Corporation Key Required for changes of address or directors online	30354395	Clé de société Requise pour mettre à jour en ligne l'adresse du siège social ou l'information concernant les administrateurs
Anniversary Date Required to file annual return	05-01 (mm-dd/mm-jj)	Date anniversaire Requise pour le dépôt du rapport annuel
Annual Return Filing Period Starting in 2012	05-01 to/au 06-30 (mm-dd/mm-jj)	Période pour déposer le rapport annuel Débutant en 2012

Reporting Obligations

A corporation can be dissolved if it defaults in filing a document required by the CBCA. To understand the corporation's reporting obligations, consult **Keeping Your Corporation in Good Standing** (enclosed or available on our website).

Obligations de déclaration

Une société peut être dissoute si elle omet de déposer un document requis par la LCSA. Pour connaître les obligations de déclaration de la société veuillez consulter la brochure **Maintenir votre société en conformité**, ci-jointe ou disponible dans notre site Web.

Corporate Name

Where a name has been approved, be aware that the corporation assumes full responsibility for any risk of confusion with existing business names and trademarks (including those set out in the NUANS® search report). The corporation may be required to change its name in the event that representations are made to Corporations Canada and it is established that confusion is likely to occur. Also note that any name granted is subject to the laws of the jurisdiction where the corporation carries on business. For additional information, consult **Protecting Your Corporate Name** (enclosed or available on our website).

Dénomination sociale

En dépit du fait que Corporations Canada ait approuvé la dénomination sociale, il faut savoir que la société assume toute responsabilité de risque de confusion avec toutes dénominations commerciales, marques de commerce existantes (y compris celles qui sont citées dans le rapport de recherche NUANS^{MD}). La société devra peut-être changer sa dénomination advenant le cas où des représentations soient faites auprès de Corporations Canada établissant qu'il existe une probabilité de confusion. Il faut aussi noter que toute dénomination octroyée est assujettie aux lois de l'autorité législative où la société mène ses activités. Pour obtenir de l'information supplémentaire, veuillez consulter le document **Protection de la dénomination sociale** ci-joint ou disponible dans notre site Web.



Industry Canada / Industrie Canada

Canada Business Corporations Act (CBCA)

Loi canadienne sur les sociétés par actions (LCSA)

FORM 9 ARTICLES OF AMALGAMATION (SECTION 185)

FORMULAIRE 9 STATUTS DE FUSION (ARTICLE 185)

Form 9

1 - Name of the Amalgamated Corporation / Dénomination sociale de la société issue de la fusion
ABB Inc.

2 - The province or territory in Canada where the registered office is to be situated (do not indicate the full address) / La province ou le territoire au Canada où sera situé le siège social (n'indiquez pas l'adresse complète)
Quebec

3 - The classes and any maximum number of shares that the corporation is authorized to issue / Catégories et tout nombre maximal d'actions que la société est autorisée à émettre
The attached Schedule A is incorporated in this form.

4 - Restrictions, if any, on share transfers / Restrictions sur le transfert des actions, s'il y a lieu
The attached Schedule B is incorporated in this form.

5 - Minimum and maximum number of directors (for a fixed number of directors, please indicate the same number in both boxes) / Nombre minimal et maximal d'administrateurs (pour un nombre fixe, veuillez indiquer le même nombre dans les deux cases)
Minimum: Maximum: Minimum: Maximal:

6 - Restrictions, if any, on business the corporation may carry on / Limites imposées à l'activité commerciale de la société, s'il y a lieu
None

7 - Other provisions, if any / Autres dispositions, s'il y a lieu
The attached Schedule C is incorporated in this form.

8 - The amalgamation has been approved pursuant to that section or subsection of the Act which is indicated as follows: / La fusion a été approuvée en accord avec l'article ou le paragraphe de la Loi indiqué ci-dessous
 183 184(1) 184(2)

9 - Declaration: I hereby certify that I am a director or an officer of the corporation. / Déclaration: J'affirme que je suis un administrateur ou un dirigeant de la société.

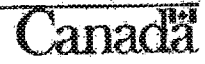
Name of the amalgamating corporations / Dénomination sociale des sociétés fusionnantes	Corporation No. / N° de la société	Signature
ABB Inc.	7,7,2,8,8,0,-8	
7502968 Canada Inc.	7,5,0,2,9,6,-6	
7638949 Canada Inc.	784572-3	

Note: Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5,000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).

Note: Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ ou d'un emprisonnement maximal de six mois, ou de ces deux peines (paragraphe 250(1) de la CBCA).

7795769

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SCHEDULE A

The Corporation is authorized to issue an unlimited number of Class "A" shares, an unlimited number of Class "B" shares and an unlimited number of Class "C" shares, which shall respectively carry and be subject to the following rights, privileges, restrictions and conditions:

DIVIDENDS

1. The holders of the Class "C" shares shall be entitled to receive for each fiscal year of the Corporation, when and as declared by the board of directors, out of the surplus or net profits of the Corporation, non-cumulative preferential dividends at the rate of but not exceeding seven per cent (7%) per annum on the capital amount for the time being paid up thereon, payable at such times and in such amounts and at such place or places in Canada as the board of directors may from time to time determine. The said dividends at the rate of seven per cent (7%) per annum on the Class "C" shares shall be non-cumulative and if, within six (6) months after the expiration of any fiscal year of the Corporation, the board of directors in its discretion shall not declare the said dividends or any part thereof on the Class "C" shares for such fiscal year then the rights of the holders thereof to such dividends or to any greater dividend than the dividends actually declared for such fiscal year shall be forever extinguished. No dividends shall at any time be declared, paid or set apart for payment for any fiscal year of the Corporation upon the Class "A" and Class "B" shares of the Corporation unless the prescribed dividend on all the then outstanding Class "C" shares shall have been declared and paid or set apart for payment for such fiscal year of the Corporation.
2. The holders of the Class "A" and Class "B" shares shall be entitled to receive for any fiscal year of the Corporation, when and as declared by the board of directors and in the discretion of the board of directors, out of the surplus or net profits of the Corporation, dividends in such amounts and payable at such times and at such place or places in Canada as the directors may from time to time determine.

RETURN OF CAPITAL

3. In the event of the liquidation, dissolution, bankruptcy or winding-up of the Corporation, whether voluntary or otherwise, or on any distribution of assets other than by way of dividends, the holders of the Class "C" shares shall be entitled to receive, for each Class "C" share outstanding, the capital amount paid up thereon, plus an amount equal to all dividends declared thereon and unpaid, in priority to any distribution to the holders of the Class "A" and Class "B" shares. The holders of the Class "C" shares shall not be entitled to share any further in the distribution of the assets of the Corporation.
4. In the event of the liquidation, dissolution, bankruptcy or winding-up of the Corporation, whether voluntary or otherwise, or on any distribution of assets other than by way of dividends, the holders of the Class "A" shares, and those of the Class "B" shares, shall be entitled to receive the balance of the assets of the Corporation after repayment is made to the holders of the Class "C" shares, which shall be distributed pro rata to the holders of Class "A" and Class "B" shares.

VOTING

5. Except as provided in paragraph (9) hereof and subject to the provisions of the *Canada Business Corporations Act*, the holders of the Class "C" shares shall not be entitled as such to attend or to vote at or receive notice of any meeting of the shareholders of the Corporation unless and until dividends at the prescribed rate have not been paid thereon for two (2) consecutive years. Thereafter, until any one dividend at the prescribed rate has been paid for a full fiscal year, the holders of the Class "C" shares shall be entitled at all meetings of the shareholders of the Corporation to one (1) vote in respect of each such share held and to receive due notice of any such meeting.
6. The holders of the Class "A" and Class "B" shares shall be entitled to receive notice of and to attend and vote at all meetings of shareholders of the Corporation, except meetings at which only holders of a specified class are entitled to vote. The holders of the Class "A" shares shall have one (1) vote in respect of each Class "A" share held by them. The holders of the Class "B" shares shall have two (2) votes in respect of each Class "B" share held by them.

REDEMPTION

7. Subject to the provisions of Section 34 of the *Canada Business Corporations Act*, the Corporation shall have the right, at its option, upon notice as hereinafter provided, to redeem in Canadian currency all or any part of the Class "C" shares by paying for each share to be redeemed the amount paid up thereon plus all dividends declared and unpaid. If the Corporation desires at any time to redeem less than all the outstanding Class "C" shares, the shares to be redeemed shall be selected pro rata from the respective holdings of Class "C" shares of the shareholders of the Corporation. Not less than seven (7) days' notice in writing of the redemption of any such Class "C" shares shall be given by mail addressed to the registered holders thereof at the last address of each such holder as it appears upon the books of the Corporation, or in the event of the address of such shareholder not so appearing, at the last known address of such shareholder, specifying the date and place of such redemption. If notice of any such redemption be given by the Corporation in the manner aforesaid, the holders of such Class "C" shares so called for redemption shall thereafter have no rights in or against the Corporation and no other right except, upon surrender of certificates for Class "C" shares so called for redemption, to receive payment of the redemption price.

PURCHASE

8. Subject to the provisions of Section 34 of the *Canada Business Corporations Act*, the Corporation may at any time or times, upon resolution of the board of directors, purchase the whole or any part of the Class "C" shares outstanding from time to time by invitation for tenders addressed to all the holders of record of the Class "C" shares outstanding at the last address of each such holder as it appears upon the books of the Corporation, or in the event no such address appears, at the last known address of said shareholder, or with the unanimous consent of the holders of all the Class "C" shares by private contract, at the lowest price at which, in the opinion of the board of directors, such shares are obtainable, but never at a price in excess of the redemption price. If the Corporation desires at any time to purchase less than

all the outstanding Class "C" shares, the shares to be so purchased shall be selected pro rata from the respective holdings of Class "C" shares tendered.

MODIFICATION

9. The provisions contained in the foregoing paragraphs (1) to (8), inclusive, and in this paragraph (9) shall not be repealed, modified or altered, nor shall any class of shares having priority over or equality with the Class "C" shares in respect of dividends or in the case of liquidation be created, unless authorized by special resolution of the Corporation duly passed and evidenced by articles of amendment and, in addition to the requirements of the *Canada Business Corporations Act*, sanctioned by at least three-fourths (3/4) of the votes cast at a special general meeting of the holders of the then outstanding Class "C" shares duly called for considering the said special resolution.

SCHEDULE B

No share of the Corporation may be transferred unless its transfer complies with the restriction on the transfer of securities set out at item 7 -- Other provisions, if any.

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SCHEDULE C

1. No security of the Corporation, other than a non-convertible debt security, may be transferred without the consent of:
 - (a) the board of directors of the Corporation, expressed by a resolution duly passed at a meeting of the directors;
 - (b) a majority of the directors of the Corporation, expressed by an instrument or instruments in writing signed by such directors;
 - (c) the holders of the voting shares of the Corporation, expressed by a resolution duly passed at a meeting of the holders of voting shares; or
 - (d) the holders of the voting shares of the Corporation representing a majority of the votes attached to all the voting shares, expressed by an instrument or instruments in writing signed by such holders.

2. The directors may appoint one or more directors, who shall hold office for a term expiring not later than the close of the next annual meeting of shareholders, but the total number of directors so appointed may not exceed one third of the number of directors elected at the previous annual meeting of shareholders.



Initial Registered Office Address and First Board of Directors

(To be filed with Articles of Incorporation, Amalgamation and Continuance)
(Sections 19 and 106 of the Canada Business Corporations Act (CBCA))

Form 2

Changes to the registered office or the board of directors are to be made by filing Form 3 — Change of Registered Office Address or Form 6 — Changes Regarding Directors.

Instructions

1 At least 25 per cent of the directors of a corporation must be Canadian residents. If a corporation has four directors or less, at least one director must be a Canadian resident (subsection 105(3) of the Canada Business Corporations Act (CBCA)).

If the corporation is a "distributing" corporation, there must be at least three directors.

However, the board of directors of corporations operating in uranium mining, book publishing and distribution, book sale or film and video distribution must be comprised of a majority of Canadian residents (subsection 105(3.1) of the CBCA). If the space available is insufficient, please attach a schedule to the form.

2) Declaration

In the case of an incorporation, this form must be signed by the incorporator. In the case of an amalgamation or a continuance, this form must be signed by a director or an officer of the corporation (subsection 262.(2) of the CBCA).

General

The information you provide in this document is collected under the authority of the CBCA and will be stored in personal information bank number IC/PPU-049. Personal information that you provide is protected under the provisions of the Privacy Act. However, public disclosure pursuant to section 266 of the CBCA is permitted under the Privacy Act.

If you require more information, please consult our website at www.corporationscanada.ic.gc.ca or contact us at 613-941-9042 (Ottawa region), toll-free at 1-866-333-5556 or by email at corporationscanada@ic.gc.ca.

File documents online
(except for Articles of Amalgamation):
**Corporations Canada Online
Filing Centre:**
www.corporationscanada.ic.gc.ca

Or send documents by mail:
**Director General,
Corporations Canada
Jean Edmonds Tower South
9th Floor
365 Laurier Ave. West
Ottawa ON K1A 0G8**

By Facsimile:
613-941-0999



IC 2904 (2006/12)

1	Corporation name
ABB Inc.	

2	Address of registered office (must be a street address, a P.O. Box is not acceptable)		
8585 TransCanada Highway			
<small>NUMBER AND STREET NAME</small>			
Saint-Laurent		Quebec	H4S 1Z6
<small>CITY</small>		<small>PROVINCE/TERRITORY</small>	<small>POSTAL CODE</small>

3	Mailing address (if different from the registered office)		
SAME AS ABOVE <input checked="" type="checkbox"/>			
<small>ATTENTION OF</small>			
<small>NUMBER AND STREET NAME</small>			
<small>CITY</small>		<small>PROVINCE/TERRITORY</small>	<small>POSTAL CODE</small>

4	Members of the board of directors		
<small>FIRST NAME</small>	<small>LAST NAME</small>	<small>RESIDENTIAL ADDRESS (must be a street address, a P.O. Box is not acceptable)</small>	<small>CANADIAN RESIDENT (Yes/No)</small>
Guy	Dionne	349 Curzon Avenue, Saint-Lambert, QC, Canada J4P 2V4	Yes
Victoria	Trim	430 Wood Avenue, Westmount, QC, Canada H3J 3J2	Yes
Daniel	Assandri	1200 De Maisonneuve Boulevard West, Apartment 24D, Montreal, QC, Canada H3A 0A1	Yes
Fannie	Jacques	596 Du Saint-Émilien Street, Rosemère, QC, Canada J7A 4T4	Yes

5	Declaration
I hereby certify that I have relevant knowledge and that I am authorized to sign and submit this form.	
<small>SIGNATURE</small>	<small>TELEPHONE NUMBER</small>
Guy Dionne	(514) 856-6204
<small>PRINT NAME</small>	<small>TELEPHONE NUMBER</small>
<small>Notes: Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 260(1) of the CBCA).</small>	

E-MAIL

2011-04-29

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