

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	10/21/2003
CONVEYING PARTY DATA	
Name	Execution Date
ABB Inc.	10/22/2003
RECEIVING PARTY DATA	
Name:	ABB Ltd.
Street Address:	Belgard Road
City:	Tallaght, Dublin 24
State/Country:	IRELAND
PROPERTY NUMBERS Total: 8	
Property Type	Number
Patent Number:	6264795
Patent Number:	6394418
Patent Number:	6460775
Patent Number:	6699365
Application Number:	10429588
Application Number:	10208643
Application Number:	10271924
Application Number:	10755216
CORRESPONDENCE DATA	
Fax Number:	(440)585-7578
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	440-585-7840
Email:	debra.rietze@us.abb.com
Correspondent Name:	Michael M. Rickin
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CH \$320.00 6264795

500004793

PATENT  
REEL: 015000 FRAME: 0160

Address Line 2:	Legal Department - 4U6
Address Line 4:	Wickliffe, OHIO 44092-2530

NAME OF SUBMITTER:	Debra Rietze
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<p>Total Attachments: 4</p> <p>source=Assignment ABB Inc. of Canada to ABB Ltd. of Ireland#page1.tif</p> <p>source=Assignment ABB Inc. of Canada to ABB Ltd. of Ireland#page2.tif</p> <p>source=Assignment ABB Inc. of Canada to ABB Ltd. of Ireland#page3.tif</p> <p>source=Assignment ABB Inc. of Canada to ABB Ltd. of Ireland#page4.tif</p>
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**ASSIGNMENT**

WHEREAS, ABB Inc., hereinafter referred to as the ASSIGNOR, a company organized and existing under the laws of Canada, having its headquarters at 8585 Trans-Canada Highway, Saint-Laurent, QC H4S 1Z6 Canada and a place of business at 122-980 West 1<sup>st</sup> Street, North Vancouver, British Columbia, Canada V7P 3N4, is the owner of certain inventions or improvements for which applications for Letters Patent have been made or for which Letters Patent have been issued, all of which are listed on Attachment A hereto (hereafter Patent Property); and

WHEREAS, pursuant to an Purchase and Sale Agreement having an effective date of September 1, 2003, ASSIGNOR has sold, assigned and transferred to ABB Ltd., hereinafter referred to as the ASSIGNEE, a company organized and existing under the laws of Ireland, having its principal place of business at Belgard Road, Tallaght, Dublin 24 Ireland, all of ASSIGNOR's right, title and interest in and to certain intellectual property which includes the Patent Property;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over to said ASSIGNEE, the entire right, title and interest in and to said Patent Property and any and all continuations, divisions and renewals of and substitutes for said Patent Property and to and under any and all additional Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and the full right to sue for and recover all profits and damages recoverable for past infringement of the same, and assign to and authorize said ASSIGNEE to file applications for Letters Patent in all countries, to be held and enjoyed by said ASSIGNEE, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, sale and transfer not been made.

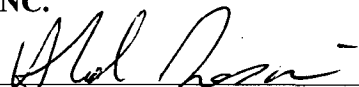
It is hereby covenanted that ASSIGNOR has good and valid title to the Patent Property and the same is free and clear of any and all liens and encumbrances, and ASSIGNOR further covenants and agrees that it will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said Patent Property in said ASSIGNEE, and ASSIGNOR agrees to communicate to said ASSIGNEE all known facts respecting said Patent Property, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to take such other actions as said ASSIGNEE may deem reasonably necessary to aid said ASSIGNEE, to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries, all at the expense, however, of said ASSIGNEE.

ABB Inc. of Canada to ABB Ltd. of Ireland

AND ASSIGNOR hereby authorizes and requests the Director of the United States Patent and Trademark Office and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to said ASSIGNEE, as assignee of the entire right, title and interest, any and all Letters Patent for Patent property, including any and all Letters Patent of the United States which may be issued and granted on or as a result of any applications included in said Patent Property, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, the undersigned, both duly authorized Elected Officers of ABB Inc. and being properly authorized to execute this Assignment, hereunto set their hands and the ABB Inc. corporate seal.

**ABB INC.**

By:   
Harold Gervais  
Senior Vice-President, Finance

Date: October 21, 2003


By:   
Stephan Scott Trudeau  
Legal Counsel  
Ast. Corporate Secretary

ABB INC. CORPORATE SEAL

Date: October 21, 2003

ABB Inc. of Canada to ABB Ltd. of Ireland

ATTACHMENT A  
See the attached spreadsheet

**ABB Inc. North Vancouver Worldwide Patents and Applications**

LAND	DOCKET	TITLE	FILED	SERIAL NO.	ISSUED	PATENT NO.
US	E20000260	Supercalender Steam Shower	6/21/2000	09/598578	7/24/2001	6264795
US	E20000270	Bellows Actuator For Pressure and Flow Control	11/14/2000	09/712417	5/28/2002	6394418
CA	E20000270	Bellows Actuator For Pressure and Flow Control	11/13/2001	2428639		
EP	E20000270	Bellows Actuator For Pressure and Flow Control	11/13/2001	PCT/CA01/01609		
JP	E20000270	Bellows Actuator For Pressure and Flow Control	11/13/2001	2002543164		
US	E20010010	Flow Monitor for Rewet Showers	4/2/2001	09/824113	10/8/2002	6460775
CA	E20010010	Flow Monitor for Rewet Showers		PCT/CA02/00441		
EP	E20010010	Flow Monitor for Rewet Showers		PCT/CA02/00441		
JP	E20010010	Flow Monitor for Rewet Showers		PCT/CA02/00441		
US	E20010170	Spraying Nozzle for Rewet Showers	10/22/2001	10/001408		
US	E20010170-D1	Spraying Nozzle for Rewet Showers	5/5/2003	10/429588		
WO	E20010170	Spraying Nozzle for Rewet Showers	10/21/2002	PCT/CA02/01593		
US	E20020090	Supercalendering Optimization Using A Steam Shower	7/30/2002	10/208643		
US	E20020150	Steam Water Spray Systems	10/16/2002	10/271924		
US	E20020440	Steam Distributor For Steam Showers	2/14/2003	60/447518		