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ΞT U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

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CORRECTED MAR 0 8 2006 gg 1031	55643 Attorney's Docket No. 1033275-000445
To the Director of United State Patent and Trademark Office	e: Please record the attached original documents or copy thereof.
Name of conveying party(ies): Ian William BOSTON; Kenneth W. CORNETT, Hans-Martin HOCKE; Jonas HURTER and Dominick Greg MORE	Name and address of receiving party(ies): Name: ALSTOM TECHNOLOGY LTD.
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment	Address: Brown Boveri Strasse 7 CH-5400 Baden Switzerland
Execution Date: November 23, 2005, November 30, 2005, January 24, 2006, October 22, 2005 and November 30, 2005, respectively	Additional name(s) & addresses attached?
Application number(s) or patent number(s): If this document is being filed together with a new application, the second sec	ne execution date of the application is:
A. Patent Application No.(s) 11/067,722	B. Patent No.(s)
Additional numbers attached?	Yes X No
 Name and address of party to whom correspondence concerning document should be mailed: Name: Patrick C. Keane Address: Buchanan Ingersoll PC Including attorneys from Burns, Doane, Swecker & Mathis Customer Number 2 1 8 3 9 P.O. Box 1404 Alexandria, VA 22313-1404 	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)
9. Statement and Signature. To the best of my knowledge and belief, the foregoing informati of the original document.	on is true and correct and any attached copy is a true copy
Patrick C. Keane 32,858 Name of Person Signing Reg. No. Total number of pages including cover sheet, attach	March 8,, 2006 Date ments, and documents:
	required cover sheet information to:

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office / Mail Stop Assignment Recordation Services
P.O. Box 1450 / Alexandria, VA 22313-1450

(TAIOL)

THIS ASSIGNMENT, by <u>lan William BOSTON</u>; <u>Kenneth W. CORNETT</u>; <u>Hans-Martin HOCKE</u>; <u>Jonas HURTER</u> and <u>Dominick Greg MORE</u>, residing at <u>CH-8810 Horgen</u>, <u>Switzerland</u>; <u>Ivoryton</u>, <u>Connecticut 06442</u>, <u>USA</u>; <u>Sedgefield</u>, <u>Stockton on Tees</u>, <u>TS21 2JE</u>, <u>United Kingdom</u>; <u>CH-5400 Baden</u>, <u>Switzerland</u> and <u>Middletown</u>, <u>Connecticut 06457</u>, <u>USA</u> (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in <u>SEALING</u> BODY set forth in an application for Letters Patent of the United States, which is a

(1)	(a) (b)	provis	bearing Application to be filed herewith; or
(2)	(a)	non-p	provisional application bearing Application No. <u>11/067,722</u> , and filed on <u>March 01, 2005</u> ;
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;
	(c)		having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>ALSTOM TECHNOLOGY LTD</u>, a corporation duly organized under and pursuant to the laws of <u>SWITZERLAND</u> and having a principal place of business at <u>Brown Boveri Strasse 7</u>. <u>CH-5400 Baden, Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Buchanan Ingersoll PC

PATENT REEL: 017328 FRAME: 0403

Page 1 of 2 (8/05) Application No. <u>11/067,722</u> Attorney Docket No. <u>033275-445</u>

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Buchanan Ingersoll PC (including attorneys from Burns, Doane, Swecker & Mathis) to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 23/11/05	A Comment of the Comm
	lan William BOSTON
DATE	Kenneth W. CORNETT
DATE	Hans-Martin HOCKE
DATE	Jonas HURTER
DATE	Dominick Greg MORE

Buchanan Ingersoll PC

Page 2 of 2 (8/05)

(JOINT)

THIS ASSIGNMENT, by <u>Ian William BOSTON</u>; <u>Kenneth W. CORNETT</u>; <u>Hans-Martin HOCKE</u>; <u>Jonas HURTER</u> and <u>Dominick Greg MORE</u>, residing at <u>CH-8810 Horgen</u>, <u>Switzerland</u>; <u>Ivoryton</u>, <u>Connecticut 06442</u>, <u>USA</u>; <u>Sedgefield</u>, <u>Stockton on Tees</u>, <u>TS21 2JE</u>, <u>United Kingdom</u>; <u>CH-5400 Baden</u>, <u>Switzerland</u> and <u>Middletown</u>, <u>Connecticut 06457</u>, <u>USA</u> (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in SEALING

BODY set forth in an application for Letters Patent of the United States, which is a

(1) provisional application

(a) bearing Application No. ______, and filed on ______;

(b) bearing Application

(a) bearing Application

(a) bearing Application

(b) bearing Application No. 11/067,722, and filed on March 01, 2005;

(b) having an oath or declaration executed on even date herewith prior to filing of application;

WHEREAS, <u>ALSTOM TECHNOLOGY LTD</u>, a corporation duly organized under and pursuant to the laws of <u>SWITZERLAND</u> and having a principal place of business at <u>Brown Boveri Strasse 7</u>, <u>CH-5400 Baden</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

Assignment; and

having an oath or declaration executed on a different date than this

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Buchanan Ingersoll PC

(c) \square

ALICARINE TO including attorneys from Burns Donne Swecker & Mathis Page 1 of 2 (8/05)

PATENT REEL: 017328 FRAME: 0405

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Buchanan Ingersoli PC (including attorneys from Burns, Doane, Swecker & Mathis) to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE	
	Ian William BOSTON
DATE	
	Kenneth W. CORNETT
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DATE 24.1.'06	MRothe.
	Hans-Martin HOCKE
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	Jonas HURTER
DATE	Dominick Grea MORE

Buchanan Ingersoll PC

ATICHENEYS including atlorneys from Burns Doane Swecker & Mathia Page 2 of 2 (8/05)

PATENT REEL: 017328 FRAME: 0406

(TAIOL)

THIS ASSIGNMENT, by <u>Ian William BOSTON; Kenneth W. CORNETT; Hans-Martin HOCKE;</u>
<u>Jonas HURTER</u> and <u>Dominick Greg MORE</u>, residing at <u>CH-8810 Horgen, Switzerland; Ivoryton,</u>
<u>Connecticut 06442, USA; Sedgefield, Stockton on Tees, TS21 2JE, United Kingdom; CH-5400 Baden, Switzerland</u> and <u>Middletown, Connecticut 06457, USA</u> (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in <u>SEALING</u>
<u>BODY</u> set forth in an application for Letters Patent of the United States, which is a

(1)		provisional application	
	(a)		bearing Application No, and filed on;
	(b)		to be filed herewith; or
(2)	\boxtimes	non-provisional application	
	(a)	\boxtimes	bearing Application No. 11/067,722, and filed on March 01, 2005;
	(b)		having an oath or declaration executed on even date herewith prior to filing of application;
	(c)		having an oath or declaration executed on a different date than this Assignment; and

WHEREAS, <u>ALSTOM TECHNOLOGY LTD</u>, a corporation duly organized under and pursuant to the laws of <u>SWITZERLAND</u> and having a principal place of business at <u>Brown Boveri Strasse 7</u>, <u>CH-5400 Baden</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made:

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Buchanan Ingersoll PC

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AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Buchanan Ingersoll PC (including attorneys from Burns, Doane, Swecker & Mathis) to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE	
	Ian William BOSTON
DATE	
	Kenneth W. CORNETT
DATE	
	Hans-Martin HOCKE
DATE 22- Oct - 2005	1. Kusks
	Jonas HURTER
DATE	
UNIT.	Dominick Greg MORE

Buchanan Ingersoll PC

Page 2 of 2 (8/05)

(JOINT)

THIS ASSIGNMENT, by lan William BOSTON; Kenneth W. CORNETT; Hans-Martin HOCKE; Jonas HURTER and Dominick Greg MORE, residing at CH-8810 Horgen, Switzerland; Ivoryton, Connecticut 06442, USA; Sedgefield, Stockton on Tees, TS21 2JE, United Kingdom; CH-5400 Baden, Switzerland and Middletown, Connecticut 06457, USA (hereinafter referred to as "the Assignor"), respectively, witnesseth:

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(1)	(a) (b)	provisional application bearing Application No, and filed on; to be filed herewith; or		
(2)		non-provisional application		
	(a)	bearing Application No. 11/067,722, and filed on March 01, 2005;		
	(b)	having an oath or declaration executed on even date herewith prior to filing of application;		
	(c)	having an oath or declaration executed on a different date than this Assignment; and		

WHEREAS, ALSTOM TECHNOLOGY LTD, a corporation duly organized under and pursuant to the laws of SWITZERLAND and having a principal place of business at Brown Boveri Strasse 7. CH-5400 Baden, Switzerland (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made:

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

Buchanan Ingersoll PC

Page 1 of 2 (8/05)

Including attorneys from Burns Donne Swecker & Mathia

FAX NO. 203 234 7233

Application No. <u>11/067,722</u> Attorney Docket No. <u>033275-445</u>

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

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DATE	
DATE 11/30/05	lan William BOSTON
DATE	Ken eth W. SORNETT
	Hans-Martin HOCKE
DATE	Jonas HURTER
DATE 11/30/05	Dominick Greg MCRE

Buchanan Ingersoll PC

Including attorneys from Burns Danne Swecker & Muthis

Page 2 of 2 (8/05)

ADVANCED PRODUCTS

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