PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| Philipp Roth | 01/12/2009 |
| Josef Erni | 01/21/2009 |
| Walter Maurer | 01/20/2009 |

RECEIVING PARTY DATA

| Name: | ALSTOM Technology LTD | |
|-----------------|------------------------|--|
| Street Address: | Brown Boveri Strasse 7 | |
| City: | Baden | |
| State/Country: | SWITZERLAND | |
| Postal Code: | CH-5400 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12349121 |

CORRESPONDENCE DATA

Fax Number: (703)652-5101

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

703-778-6609 Phone:

Email: CGoode@ckvlaw.com Correspondent Name: Adam J. Cermak

Address Line 1: 515-B East Braddock Road

Address Line 4: Alexandria, VIRGINIA 22314

003-344 ATTORNEY DOCKET NUMBER:

NAME OF SUBMITTER: Adam J. Cermak

Total Attachments: 6

source=003-344 Assignment#page1.tif source=003-344 Assignment#page2.tif

PATENT REEL: 022174 FRAME: 0728

500767096

source=003-344 Assignment#page3.tif source=003-344 Assignment#page4.tif source=003-344 Assignment#page5.tif source=003-344 Assignment#page6.tif

> PATENT REEL: 022174 FRAME: 0729

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Philipp ROTH, Josef ERNI</u>, and <u>Walter MAURER</u>, residing at <u>CH-5400 Baden, Switzerland</u>; CH-8400 Winterthur, <u>Switzerland</u> and <u>CH-4665 Oftringen</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

| WHEREAS | S, the Assignors have invented certain new and useful improvements in <u>"Mobile</u> |
|----------------------|--|
| COLLECTING DEVICE | FOR THE HIGH-PRESSURE WATER JET OF A WATER-JET TOOL AND METHOD OF USE" Set forth |
| in an application fo | r Letters Patent of the United States, |
| - , | • |
| (1) | which is a provisional application |
| • • | (a) ☐ to be filed herewith; or |
| | (b) bearing Application No, and filed on; or |

(2) which is a non-provisional application

(a) having an oath or declaration executed on even date herewith prior to filing of the 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.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have 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 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 behalf and the use and behalf 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 Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the

Assignee, its successors, legal representatives, and assigns that the Assignors 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 Assignors hereby authorize and request the attorneys and patent agents of Cermak Kenealy Vaidya & Nakajima LLP, of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

| DATE X 42.04.2001 | SIGNATURE OF ASSIGNOR | Philipp Roth |
|-------------------|-----------------------|---------------|
| | | PHILIPP ROTH |
| DATE | SIGNATURE OF ASSIGNOR | |
| | | JOSEF ERNI |
| DATE | SIGNATURE OF ASSIGNOR | |
| | | WALTER MAURER |

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Philipp ROTH</u>, <u>Josef ERNI</u>, and <u>Walter MAURER</u>, residing at <u>CH-5400 Baden</u>, <u>Switzerland</u>; <u>CH-8400 Winterthur</u>, <u>Switzerland</u> and <u>CH-4665 Oftringen</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in "MOBILE COLLECTING DEVICE FOR THE HIGH-PRESSURE WATER JET OF A WATER-JET TOOL AND METHOD OF USE" set forth in an application for Letters Patent of the United States,

| (1) | | which is a provisional application (a) |
|-----|-------------|---|
| (2) | \boxtimes | which is a non-provisional application |
| | | (a) having an oath or declaration executed on even date herewith prior to filing of the application; |
| | | (b) Earing Application No. <u>12/349,121</u> , and filed on <u>2009-01-06</u> ; or |
| | | (c) to be filed; 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, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have 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 behalf and the use and behalf 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 Assignors had this sale and assignment not been made:

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the

Assignee, its successors, legal representatives, and assigns that the Assignors 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 Assignors hereby authorize and request the attorneys and patent agents of Cermak Kenealy Vaidya & Nakajima LLP, of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

| DATE | SIGNATURE OF ASSIGNOR_ | |
|-----------------|---------------------------------------|---------------|
| | _ | PHILIPP ROTH |
| DATE 21.01.2009 | SIGNATURE OF ASSIGNOR_ | losel Emi |
| • | | Josef ERNI |
| DATE | SIGNATURE OF ASSIGNOR_ | |
| | · · · · · · · · · · · · · · · · · · · | WALTER MAURER |

ASSIGNMENT

(JOINT)

THIS ASSIGNMENT, by <u>Philipp ROTH, Josef ERNI</u>, and <u>Walter MAURER</u>, residing at <u>CH-5400 Baden</u>, <u>Switzerland</u>; CH-8400 <u>Winterthur</u>, <u>Switzerland</u> and <u>CH-4665 Oftringen</u>, <u>Switzerland</u> (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in "MOBILE COLLECTING DEVICE FOR THE HIGH-PRESSURE WATER JET OF A WATER-JET TOOL AND METHOD OF USE" set forth in an application for Letters Patent of the United States,

| (1) | | which is a provisional application (a) to be filed herewith; or (b) bearing Application No, and filed on; or |
|-----|-------------|---|
| (2) | \boxtimes | which is a non-provisional application (a) having an oath or declaration executed on even date herewith prior to filing of the application; |
| | | (b) ⊠ bearing Application No. <u>12/349,121</u> , and filed on <u>2009-01-06</u> ; or (c) ☐ to be filed; 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, 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, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have 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 behalf and the use and behalf 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 Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners 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 Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the

Assignee, its successors, legal representatives, and assigns that the Assignors 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 Assignors hereby authorize and request the attorneys and patent agents of Cermak Kenealy Vaidya & Nakajima LLP, of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

| DATE | SIGNATURE OF ASSIGNOR |
|-----------------|-----------------------------------|
| | PHILIPP ROTH |
| DATE | SIGNATURE OF ASSIGNOR |
| | Josef ERNI |
| DATE 20.01.200) | SIGNATURE OF ASSIGNOR Walter, Man |
| | WALTER MAURER |