

RE 1/22/10

Form PTO-1595 (Rev. 03-09)
OMB No. 0651-0027 (exp. 03/31/2009)

02-18-2010

DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RE



To the Director of the U.S. Patent and Trademark Office

103589135

or the new address(es) below.

1. Name of conveying party(ies)

John R. Grassi
John Campbell
Christopher Shaw

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: Alotech Ltd. LLC

Internal Address: 205 Kevington Way

Street Address: _____

City: Peachtree

State: Georgia

Country: _____ Zip 30269

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) See attached sheet

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/578,195

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Jay F. Moldovanyi - Fay Sharpe LLP

Internal Address: 1228 Euclid Ave 5th Flr

Street Address: _____

City: Cleveland

State: Ohio Zip: 44115

Phone Number: 216-363-9000

Fax Number: 216-363-9001

Email Address: jmoldovanyifaysharp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ See below

- Fee paid 1/22/10 via EFS-Web.
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 06-0308

Authorized User Name Jay F. Moldovanyi

9. Signature:

Jay F. Moldovanyi
Signature

February 9, 2010
Date

Jay F. Moldovanyi
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 023959 FRAME: 0164

3. Nature of Conveyance (Continued)

Execution Dates: John R. Grassi - 1/19/2010; John Campbell - 1/19/2010; Christopher Shaw - 1/21/2010.

TO: JAY F. MOLDOVANYI COMPANY: 1228 EUCLID AVENUE, 5TH FLOOR

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|--------------------------|
| PATENT ASSIGNMENT |
|--------------------------|

Electronic Version v1.1
 Stylesheet Version v1.1

~~01/22/2010~~
~~501073630~~

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|--|-------------------------------|---------------|----------------|---------------------|------------|---------------|------------|------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>John R. Grassi</td> <td>01/19/2010</td> </tr> <tr> <td>John Campbell</td> <td>01/19/2010</td> </tr> <tr> <td>Christopher Shaw</td> <td>01/21/2010</td> </tr> </tbody> </table> | | Name | Execution Date | John R. Grassi | 01/19/2010 | John Campbell | 01/19/2010 | Christopher Shaw | 01/21/2010 |
| Name | Execution Date | | | | | | | | |
| John R. Grassi | 01/19/2010 | | | | | | | | |
| John Campbell | 01/19/2010 | | | | | | | | |
| Christopher Shaw | 01/21/2010 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| Name: | Alotech Ltd. LLC | | | | | | | | |
| Street Address: | 205 Kelvington Way | | | | | | | | |
| City: | Peachtree | | | | | | | | |
| State/Country: | GEORGIA | | | | | | | | |
| Postal Code: | 30269 | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 60%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12578195</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12578195 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 12578195 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: | (216)363-9001 | | | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | |
| Phone: | 216.363.9000 | | | | | | | | |
| Email: | jmoldovanyi@faysharpe.com | | | | | | | | |
| Correspondent Name: | Jay F. Moldovanyi | | | | | | | | |
| Address Line 1: | 1228 Euclid Avenue, 5th Floor | | | | | | | | |
| Address Line 2: | The Halle Building | | | | | | | | |
| Address Line 4: | Cleveland, OHIO 44115 | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | GISZ 200076-3 | | | | | | | | |
| NAME OF SUBMITTER: | Jay F. Moldovanyi | | | | | | | | |
| Total Attachments: 3 source=GISZ200076ASN#page1.tif | | | | | | | | | |

OP \$40.00 12578195

TO: JAY F. MOLDOVANYI COMPANY: 1228 EUCLID AVENUE, 5TH FLOOR

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,

John R. Gossel, John Campbell and Christopher Shaw

who have/has created a certain invention for which an application for United States Letters Patent has been

- created concurrently herewith
- created on
- filed October 13, 2010 under U.S. Serial No. 12/378,195


and is entitled **INTEGRATED QUERYSYNT PROCESSING OF MILTS**

Do hereby sell, assign and transfer to Altabek Ltd. LLC, a corporation of the State/Country of Ohio, having a place of business at 205 Kevington Way, Peachtree, Georgia 3009, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions disclosed in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted thereafter in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, subdivisions, renewals, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all former conventions, unions agreements, acts, and treaties;

Agree that Altabek Ltd. LLC, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, subdivisions, reexaminations, renewals, and extensions thereof, execute all required oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Consent with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.


 Name: John R. Gossel
 Date: 13th January 2010

 Name: John Campbell
 Date: _____

 Name: Christopher Shaw
 Date: _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,

John R. Grassi, John Campbell and Christopher Shaw
who has/have created a certain invention for which an application for United States Letters Patent has been

- executed concurrently herewith
- executed on
- filed October 13, 2009 under U.S. Serial No. 12/578,195

and is entitled **INTEGRATED QUIESCENT PROCESSING OF MELTS**

Do hereby sell, assign and transfer to Alotech Ltd. LLC, a corporation of the State/Country of Ohio, having a place of business at 205 Kelvington Way, Peachtree, Georgia 30269, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;

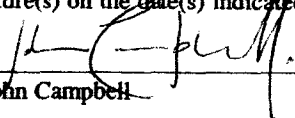
Agree that Alotech Ltd. LLC, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Name: John R. Grassi

Date _____



Name: John Campbell

Date 19 January 2010

Name: Christopher Shaw

Date _____

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,

John E. Grassi, John Campbell and Christopher Shaw

who have here created a certain invention for which an application for United States Letters Patent has been

- executed concurrently herewith
- executed on
- filed October 13, 2000 under U.S. Serial No. 12/578,195

and is entitled **INTEGRATED QUERUCENT PROCESSING OF MELTS**

Do hereby sell, assign and transfer to **Altech Ltd. LLC**, a corporation of the State/Country of Ohio, having a place of business at 205 Ketchikan Way, Panama, Georgia 30260, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutions, reissues, extensions thereof, and all other applications for Letters Patent relating to said invention which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, union agreements, acts, and treaties;

Agree that **Altech Ltd. LLC**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutions, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Name: **John E. Grassi**

Name: **John Campbell**

Date

Date



Name: **Christopher Shaw**

Date

21 Jan 2000

www.patent.com

TO: JAY F. MOLDOVANYI COMPANY: 1228 EUCLID AVENUE, 5TH FLOOR

Attorney Refers No. 002 2000-9

ASSIGNMENT

For grant and without consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,

John E. Grant, John Campbell and Christopher Shaw

who heretofore owned a certain invention for which an application for United States Letters Patent has been

- assigned
- conveyed
- Sold Under 35, USC under U.S. Patent No. 2,974,138

and I/we do hereby irrevocably and exclusively assign, transfer, convey and


do hereby sell, assign and transfer to **Mediate LLC**, a corporation of the State of Ohio, having a place of business at 200 Exchange Way, Franklin, Ohio 43021, in possession, control, and legal representation, the full and complete right in and to all invention and all improvements and to any and all inventions disclosed in and applicable for the United States, by written prosecution and all further prosecution, and the entire right, title and interest in and to any and all Letters Patent which may hereafter issue in the United States, by written prosecution and all further prosecution and in and to any and all continuations, renewals, extensions, divisions, continuations, additions, amendments, and all other applications for Letters Patent which may hereafter issue in and to the United States, by written prosecution under any foreign statute, act or law, together with all priority claims, under any of the international conventions, treaties, agreements, acts and laws, including all laws, statutes, rules, regulations, acts, and orders

Agrees that **Mediate LLC**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said improvements, hereinafter referred to as said invention, in its own name, in the United States, by written prosecution, and all foreign countries, and that, when required to carry out in good faith the laws and purposes of the assignment, of the progress of said Assignee, Assignee, assignee and legal representatives, the undersigned will execute all instruments to give, execute, deliver, acknowledge, return, acknowledge receipt, execute all affidavits, assignments, powers of attorney and other papers, with in any form or good legal proceeding commencing in said Assignee, its successors, assignee or legal representatives of said Assignee in the undersigned, acting in said invention and the literary subject and generally describing the same, which said Assignee, its successors, assignee, or legal representatives shall consider decisive for filing in issuing, maintaining and enforcing proper patent protection for said invention and for working the same in all countries, and all applications for patent in said countries in said Assignee, its successors, assignee, or legal representatives, and

Consent with said Assignee, its successors, assignee, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the right and property herein assigned has been made to others by the undersigned, and that the full right to carry the same to final effect is granted by the undersigned.

IN WITNESS WHEREOF I/We have hereunto set **HANDS** (signature(s)) on the date(s) indicated below.


Name: **John E. Grant**


Name: **John Campbell**

Date: **12th January 2010**

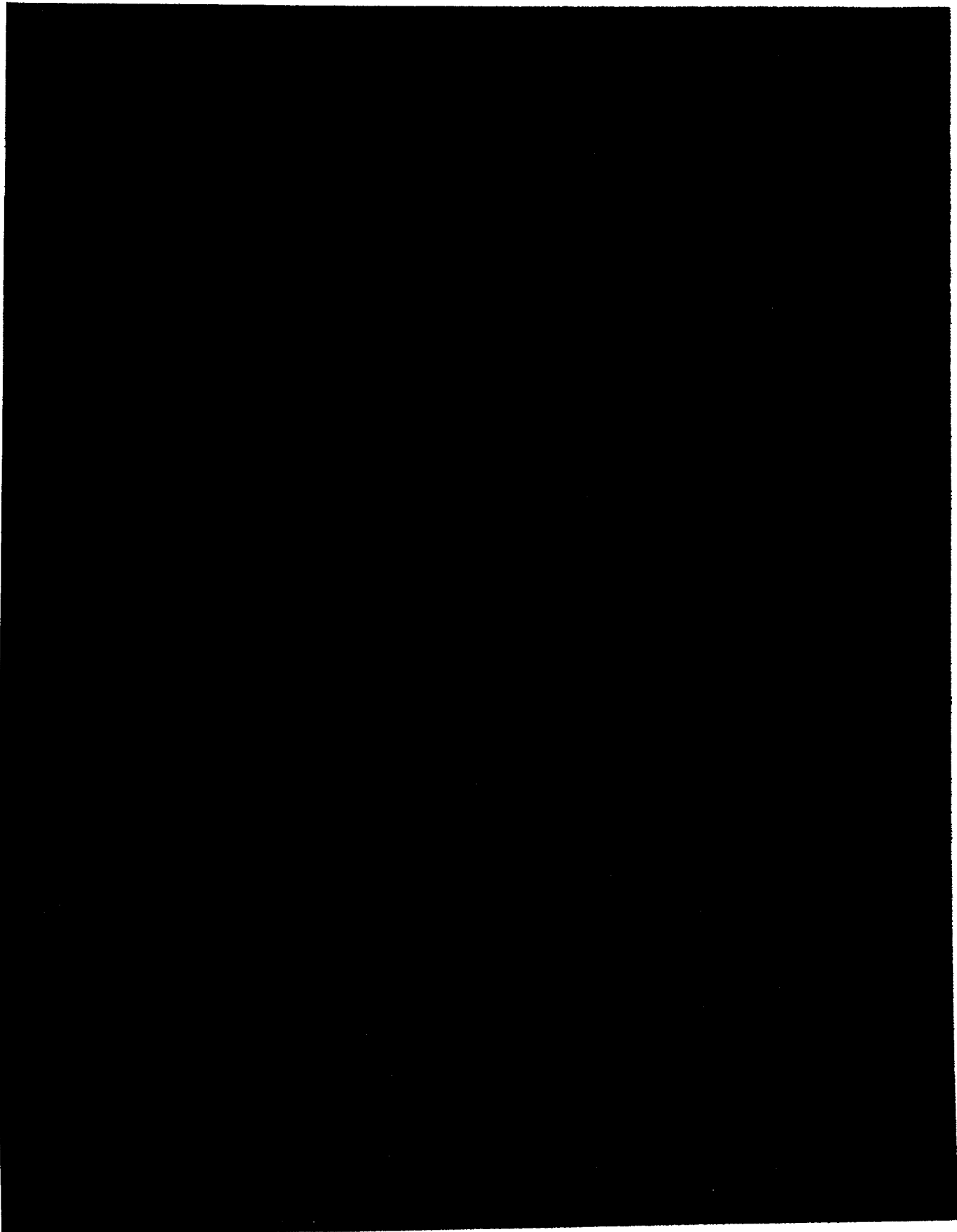
Date: _____

Name: **Christopher Shaw**

Date: _____

Witness Signature

TO: JAY F. MOLDOVANYI COMPANY: 1228 EUCLID AVENUE, 5TH FLOOR



TO: JAY F. MOLDOVANYI COMPANY: 1228 EUCLID AVENUE, 5TH FLOOR

Attorney Docket No. GISZ 200076-3

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned,

John R. Grassi, John Campbell and Christopher Shaw who has/have created a certain invention for which an application for United States Letters Patent has been

- executed concurrently herewith
- executed on
- filed October 13, 2009 under U.S. Serial No. 12/578,195

and is entitled INTEGRATED QUESCENT PROCESSING OF MILTS

Do hereby sell, assign and transfer to Alstec Ltd. LLC, a corporation of the State/Country of Ohio, having a place of business at 205 Kelvington Way, Peachtree, Georgia 30269, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possessions and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, acts, and treaties, including all future conventions, unions agreements, acts, and treaties;


Agree that Alstec Ltd. LLC, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all continuations-in-part, continuations, divisions, substitutes, reexaminations, reissues, and extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, its successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I/WE have hereunto set MY/OUR signature(s) on the date(s) indicated below.

Name: John R. Grassi

Date


Name: John Campbell

Date 19 January 2010

Name: Christopher Shaw

Date

NYGISZ225076314K/1480132820801.docx