


06-15-2005


6/13/05

103021434
PATENT ONLINE

ET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Sunil Chandra Jha; Sreehari Nimmala; S.V. Babu; Udaya B. Patri;
Sharath Hegde; and Youngki Hong
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Climax Engineered Materials, LLC
Internal Address: One North Central Avenue
Phoenix, Arizona 85004
Street Address: One North Central Avenue
City: Phoenix
State: Arizona
Country: U.S.A. Zip: 85004
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) 3/31/05, 4/5/05, 5/11/05, 5/20/05, 5/31/05
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

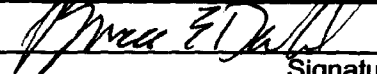
4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
11/032,717
B. Patent No.(s)
Additional numbers attached? Yes No

RECEIVED
13 JUN 8 2005
PTO/FINANCE

5. Name and address to whom correspondence concerning document should be mailed:
Name: Dahl & Osterloth, LLP
Internal Address: 555 17th Street, Suite 3405
Denver, CO 80202
Street Address: 555 17th Street, Suite 3405
City: Denver
State: CO Zip: 80202
Phone Number: (303) 291-3200
Fax Number: (303) 291-3201
Email Address: docket@dahlosterloth.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed (Check No. 5343)
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature:  Signature June 8, 2005 Date

Bruce E. Dahl, Reg. No. 33,670
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 11

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

06/14/2005 6TOM11 00000029 11032717

01 FC:0021

(40.00 DP)

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned hereby agreed and hereby agree to assign to **Climax Engineered Materials, L.L.C.**, a Colorado Limited Liability Company having principal offices at One North Central Avenue, Phoenix Arizona 85004-2306 (hereinafter "CEM"), for good and valuable consideration, the receipt of which is hereby acknowledged, and do hereby sell, assign, and transfer to CEM, its successors and assigns, the entire right, title, and interest, including the right of priority, in, to, and under an application for Letters Patent of the United States entitled: **POLISHING SLURRIES AND METHODS FOR CHEMICAL MECHANICAL POLISHING** of, Sunil Chandra JHA, Sreehari NIMMALA, S.V. BABU, Udaya B. PATRI, Sharath HEGDE, and Youngki HONG, filed 01/11/2005, Application No.: 11/032,717, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or re-examinations, or extensions of said Letters Patent.

I/we additionally authorize CEM to file applications in my/our name(s) for Letters Patent in any country, to be held and enjoyed by CEM, 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 me/us had this assignment, sale, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a 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 invention(s) or improvement(s), said application and said Letters Patent, to CEM, its successors, assigns, nominees, or legal representatives, and I/we agree to communicate to CEM, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CEM, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by CEM.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States 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 CEM, as assignee of the entire right, title, and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Sunil Chandra Jha

[Signature]
Inventor

Date: 3/31/05

STATE OF ARIZONA)
COUNTY OF Pima) ss

Before me this 31st day of March 2005,
personally appeared Sunil Chandra Jha known to me to be the same individual who
executed the foregoing instrument, and who acknowledged to me that he executed the same of his own
free will and for the purpose therein set forth.

My commission expires: May 14, 2006



[Signature]
Notary Public

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Sreehari Nimmala

[Signature]
Inventor

Date: 4/5/05

STATE OF ARIZONA)
COUNTY OF Pima) ss

Before me this 5th day of April 2005,
personally appeared Sreehari Nimmala known to me to be the same individual who
executed the foregoing instrument, and who acknowledged to me that he executed the same of his own
free will and for the purpose therein set forth.

My commission expires: May 14, 2006



[Signature]
Notary Public

**CONSENTED TO BY:
CLARKSON UNIVERSITY**

Signature

Typed Name and Title

Date

5 of 5

**PATENT
REEL: 016681 FRAME: 0298**

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned hereby agreed and hereby agree to assign to **Climax Engineered Materials, L.L.C.**, a Colorado Limited Liability Company having principal offices at One North Central Avenue, Phoenix Arizona 85004-2306 (hereinafter "CEM"), for good and valuable consideration, the receipt of which is hereby acknowledged, and do hereby sell, assign, and transfer to CEM, its successors and assigns, the entire right, title, and interest, including the right of priority, in, to, and under an application for Letters Patent of the United States entitled: **POLISHING SLURRIES AND METHODS FOR CHEMICAL MECHANICAL POLISHING** of, Sunil Chandra JHA, Sreehari NIMMALA, S.V. BABU, Udaya B. PATRI, Sharath HEGDE, and Youngki HONG, filed 01/11/2005, Application No.: 11/032,717, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-Ps), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or re-examinations, or extensions of said Letters Patent.

I/we additionally authorize CEM to file applications in my/our name(s) for Letters Patent in any country, to be held and enjoyed by CEM, 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 me/us had this assignment, sale, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a 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 invention(s) or improvement(s), said application and said Letters Patent, to CEM, its successors, assigns, nominees, or legal representatives, and I/we agree to communicate to CEM, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-Ps, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid CEM, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by CEM.

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States 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 CEM, as assignee of the entire right, title, and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

S.V. Babu

S.V. Babu

Inventor

Date: May 20, 2005

STATE OF NEW YORK)
COUNTY OF St. Lawrence) ss

Before me this 20th day of May 2005,
personally appeared S.V. Babu known to me to be the same individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.

My commission expires:

04-10-07
[SEAL]

SHARON A. COTEY
Notary Public State of New York
Qualified in St. Lawrence County
Commission Expires 04-10-07
Reg. #01CO5041871

Sharon A. Cotey
Notary Public

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Udaya B. Patri

Udaya B. Patri

Inventor

Date: May 11, 2005

STATE OF NEW YORK)
COUNTY OF St. Lawrence) ss

Before me this 11th day of May 2005,
personally appeared Udaya B. Patri known to me to be the same individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.

My commission expires: 04-10-07

[SEAL]

SHARON A. COTEY
Notary Public State of New York
Qualified in St. Lawrence County
Commission Expires 04-10-07
Reg. #01CO5041871

Sharon A. Cotey
Notary Public

3 of 5

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Sharath Hegde

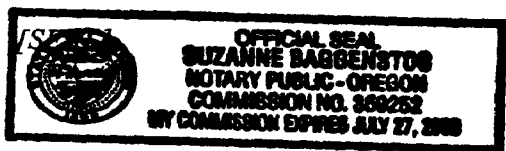
[Signature]
Inventor

Date: May 31, 2005

STATE OF ~~NEW YORK~~ OREGON)
) ss
COUNTY OF Washington)

Before me this 31st day of May 2005,
personally appeared Sharath Hegde known to me to be the same individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.

My commission expires:



[Signature]
Notary Public Suzanne Baggenstos

IN WITNESS WHEREOF, I/we have hereunto set my hand and affixed my seal on the date set forth hereinafter.

Youngki Hong

[Signature]
Inventor

Date: May 11, 2005

STATE OF NEW YORK)
) ss
COUNTY OF St. Lawrence)

Before me this 11th day of May 2005,
personally appeared Youngki Hong known to me to be the same individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purpose therein set forth.


My commission expires: 04-10-07

[SEAL]

[Signature]
Notary Public

SHARON A. COTEY
Notary Public State of New York
Qualified in St. Lawrence County
Commission Expires 04-10-07
Reg. #01CO5041871

**CONSENTED TO BY:
CLARKSON UNIVERSITY**


Signature

Thomas Young - Provost
Typed Name and Title

5/27/05
Date