

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Atty Ref/Docket No.: 1153.094US1

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Maxim Zalalutdinov, Robert B.
Reichenbach, Keith Aubin, Jeevak M. Parpia
and Harold G. Craighead

Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

2. Name and address of receiving party(ies):

Name: Cornell Research Foundation, Inc.

Street Address: 20 Thornwood Drive
Suite 105

City: Ithaca State: NY Zip: 14850

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

3. Nature of conveyance:

[X] Assignment

[] Merger

[] Security Agreement [] Change of Name

[] Other

Execution Date: May 23, 2006, April 27, 2006, April 27,
2006, April 27, 2006, April 27, 2006

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 11/358,917, filed February 20, 2006

Additional numbers attached? [] Yes [X] No

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

Name: Bradley A. Forrest

Address:

Schwegman, Lundberg, Woessner & Kluth, P.A.
P.O. Box 2938
Minneapolis, MN 55402

6. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41):\$ 40.00

[] Enclosed

[X] Authorized to be charged to deposit account

8. Please charge any additional fees or credit any over payments to our Deposit account number: 19-0743

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bradley A. Forrest/Reg. No. 30,837

Name of Person Signing

Signature

Date

6-21-2006

Total number of pages including cover sheet: 7

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

Mail Stop Assignment Recordation Services
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

700272015

PATENT
REEL: 017838 FRAME: 0326

CH \$40.00 190743 11358917

ASSIGNMENT

WHEREAS, We, Maxim Zalalutdinov, residing at 1204 Sarah Drive, Silver Springs, MD 20904 and Robert B. Reichenbach, residing at 315 W. Buffalo Street, Ithaca, NY 14850 and Keith Aubin, residing at 19 Baker Hill, #2, Freeville, NY 13068 and Jeevak M. Parpia, residing at 380 Turkey Hill Road, Ithaca, NY 14850 and Harold G. Craighead, residing at 21 Fairway Drive, Ithaca, NY 14850 made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 20, 2006, which application was assigned U.S. patent application serial number 11/358,917, and is entitled THERMAL-MECHANICAL SIGNAL PROCESSING;

AND WHEREAS, CORNELL RESEARCH FOUNDATION, INC., a corporation organized and existing under and by virtue of the laws of the State of New York, and having an office and place of business at CORNELL RESEARCH FOUNDATION, INC. Ithaca, NY 14850 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

May 23 06 01:43p

Terry A. Nelson

202-404-5736

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of May, 06.



Maxim Zalalutdinov

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, _____.

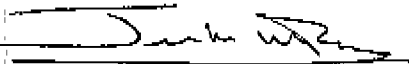
Robert B. Reichenbach

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, _____.

Keith Aubin

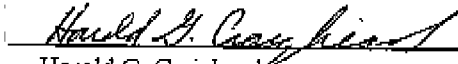
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IN TESTIMONY WHEREOF, I have hereunto set my hand this 27th day of April, 2006



Jeevak M. Parpia

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27th day of April, 2006



Harold G. Craighead

ASSIGNMENT

WHEREAS, We, Maxim Zalalutdinov, residing at 1204 Sarah Drive, Silver Springs, MD 20904 and Robert B. Reichenbach, residing at 315 W. Buffalo Street, Ithaca, NY 14850 and Keith Aubin, residing at 19 Baker Hill, #2, Freeville, NY 13068 and Jeevak M. Parpia, residing at 380 Turkey Hill Road, Ithaca, NY 14850 and Harold G. Craighead, residing at 21 Fairway Drive, Ithaca, NY 14850 made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on February 20, 2006, which application was assigned U.S. patent application serial number 11/358,917, and is entitled THERMAL-MECHANICAL SIGNAL PROCESSING:

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NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

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AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

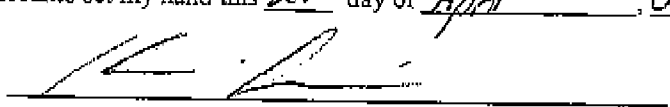
IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, _____.

Maxim Zalalutdinov

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of April, 2006


Robert B. Reichenbach

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27 day of April, 06.


Keith Aubin

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IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, _____.

Jeevak M. Parpia

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, _____.

Harold G. Craighead