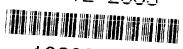


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DOCKET NO. 1153_007

VGDFMAN 102	<u> </u>
Form PTO 1595 RECORDATION	FORM COVER SHEET NTS ONLY
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents on hand thereof.	
1. Name of conveying party(ies) 3-503	2. Name and address of receiving party(ies):
Scott G. Adams and Scott A. Miller	Name: Kionix, Inc. Address: 36 Thornwood Drive, Ithaca, NY 14850
Additional name(s) of conveying parties attached Yes No	
3. Nature of Conveyance:	Additional name(s) attached? V No
✓ Assignment Merger Security Agreement Change of Name Other	
Execution Date February 24, 2003	
4. Application number(s) or patent number(s)	
If this document is being filed together with a new application, the execution date of this application is .	
A. Patent Application No.(s) 10/322,990 filed December 18, 2002	B. Patent No.(s)
Additional Numbers attached? 💆 No	
 Name and address of party to whom correspondence concerning this document should be mailed: 	6. Total number of application and patents involved: 1
Name: Indranil Mukerji	
Address: WALL MARJAMA & BILINSKI LLP 101 South Salina Street, Suite 400 Syracuse, NY 13202 Telephone: (315) 425-9000 Facsimile: (315) 425-9114	 7. Total fee (37 CFR 3.4) \$40.00 ✓ Enclosed ✓ Authorized to charge any deficiency or credit any over payment to Deposit Account No. 50-0289.
DO NOT USE THIS SPACE	
8. 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. February 27, 2003 Indranil Mukerji Reg. No. 46,944 Total Number of Pages Comprising Cover Sheet 3	
OMB NO 0651-0011(EXP. 4/94)	
DO NOT DETACH THIS PORTION	
Mail documents to be recorded with required cover sheet information to:	
COMMISSIONER OF PATENTS AND TRADEMARKS BOX ASSIGNMENTS WASHINGTON D.C. 20231	

JOINT ASSIGNMENT

WE, Scott G. Adams and Scott A. Miller, believe that we are the inventors of the subject matter disclosed in the application for patent (hereinafter "the invention or inventions") identified herein as

INSULATING MICRO-STRUCTURE AND METHOD OF MANUFACTURING SAME

and fur	rther identified by Attorney Docket Number 1153_007.
	for which the undersigned have executed an application for patent in the United States of America on December 18, 2002 and transmitted herewith.
\boxtimes	which application for patent was filed on December 18, 2002 and has been assigned Serial No. 10/322,990 by the United States Patent and Trademark Office.

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which is hereby acknowledged, each of the undersigned agrees to assign, and hereby does assign, transfer and set over to Kionix, Inc., a corporation incorporated in the State of Delaware, and having a principal place of business at 36 Thornwood Drive, Ithaca, NY 14850, (hereinafter designated as the Assignee) his or her entire right, title and interest in the invention or inventions as represented by the application for patent identified herein (the "application") in the United States, its territories, dependencies and possessions, his or her entire right, title, and interest in the application, and his or her entire right, title and interest in the invention or inventions as regards all other national jurisdictions and international entities that have the power to grant patents, wherever situated, including without limitation all applications for patent which claim priority to and/or the benefit of the subject matter disclosed in the application for patent identified herein, including any provisional application, utility application, design application, and/or plant application, as well as any continuation application, divisional application, continuationin-part application, reissue application, reexamination application, patent interference proceeding, foreign national application and/or any application filed or to be filed under a patent treaty such as the International Convention for Protection of Industrial Property and/or the Patent Cooperation Treaty, and any Letters Patent which may be granted therefor in any jurisdiction.

In addition to the above assignment, each of the undersigned agrees to execute all papers necessary in connection with the application and any continuing applications, divisional applications, or continuations-in-part thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

PATENT REEL: 013820 FRAME: 0049 Joint Assignment

US Serial No.:10/322,990

Attorney Docket No.:1153 007

Each of the undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

Each of the undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Each of the undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent to the Assignee.

Each of the undersigned hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed and will not execute, any agreement in conflict herewith.

Each of the undersigned hereby grants to any duly empowered legal representative, including specifically Thomas J. Wall, Owen D. Marjama, Peter J. Bilinski, George S. Blasiak, Robert E. Purcell, Daniel P. Malley, Dana F. Bigelow, Indranil Mukerji and Joseph B. Milstein of WALL MARJAMA & BILINSKI LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or with the rules of any other national or international Patent Office for recordation of this document or a true copy thereof.

In witness whereof, this instrument has been executed by the undersigned on the date opposite the respective name of the undersigned.

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses.

Notary/Witness

MICHAEL D. PINNISI Notary, Public, State Of New York No. 02PI6060135

Qualified In Tompkins County Commission Expires June 18, 2007

Signature .

Scott A. Miller

(SEAL)

Date 2.24.2003

Notary/Witness

MICHAEL D. PINNISI Notary Public, State Of New York No. 02PI6060135

Qualified In Tompkins County Commission Expires June 18

RECORDED: 03/05/2003

REEL: 013820 FRAME: 0050