FORM PTO-1595

1-31-92

Docket No.: DRE-0086

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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY ID NO: To The Honorable Commissioner of Patents and Trademarks. Please record the attached original document(s) or copy thereof. 1. Name of conveying party(ies): 3-3-63 2. Name and address of receiving party(ies): Alan G. MacDiarmid and Ian D. Norris Name: Trustees of the University of Pennsylvania Internal Address: Office for Technology Transfer Street Address: 3160 Chestnut Street. Suite 200 Additional name(s) of conveying party(ies) City: Philadelphia attached? State: Pennsylvania Zip: 19£04-6283 () YES (XX) NO 3. Nature of Conveyance: Additional names (s) & address attached? (XX) Assignment () Merger () YES (XX) NO () Name Change () Security Agreement () Other: Execution date: February 19, 2003 4. Application number(s) or patent number(s): B. Patent No(s) A. Patent Application No(s). 10/169,216 FILED June 26, 2002 If this document is being filed together with a new application, the execution date of the application is: Additional numbers attached? () YES (XX) NO 5. Name and address of party to whom 6. Total number of applications and patents involved: One (1) correspondence concerning documents should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Jane Massey Licata, Esq. Law Offices of Jane Massey Licata () Enclosed 66 E. Main Street (XX) Authorized to be charged to deposit account. Marlton, New Jersey 08053 8. Deposit Account number: 50-1619 (Attach duplicate copy of this page if paying by deposit account.) 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. Kathleen A. Tyrrell, Reg. No. 38,350 Name of Person Signing Signature 9 February 25, 2003 Total number of pages comprising cover sheet, attachments, and document: Five Mail documents to be recorded with required cover sheet information to: 01/04/2003 ECOOPER 00000043 501619 10169216 mmissioner of Patents and Trademarks **Box Assignments**

Washington, D.C. 20231

PATENT REEL: 013795 FRAME: 0891 Attorney Docket No.: DRE-0086

ASSIGNMENT

WHEREAS, I, Alan G. MacDiarmid, hereinafter referred to as the assignor, residing at 635 Drexel Avenue, Drexel Hill, Pennsylvania 19026-0121 am a joint inventor of certain inventions or improvements for which I have made application for Letters Patent to the United States, identified as Serial No. 10/169,216, filed June 26, 2002, entitled Electrospinning Ultrafine Conductive Polymeric Fibers; and

WHEREAS, Trustees of the University of Pennsylvania, hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, 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 had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time 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 inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to

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its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I 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 said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, 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, accordance with the terms of this assignment.

IN WITNESS WHEREOF, I have hereunto set our hands and seals.
Alan G. MacDiarmid (L.S.) 01/20/03
Witnessed by: David M. Samo Dated: 120103 (Please print) Name: David M. SARNO
Address: 130-34 ARCH ST. APT. 406
PHILADELPHIA, PA 19106 (Complete if signing before a Notary Public)
On this day of, 2003, before me personally came the above named <u>Alan G. MacDiarmid</u> to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

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Notary Public

MAILED FROM DRENEL HILL TO LICATA 1=7. A) ON MONDAY, JAN. 20

ASSIGNMENT

WHEREAS, I, Ian D. Norris, hereinafter referred to as the assignor, residing at 2110 Rancho Siringo Road, Apt. 23. Santa Fe, New Mexico 87505 am a joint inventor of certain inventions or improvements for which I have made application for Letters Patent to the United States, identified as Serial No. 10/169,216, filed June 26, 2002, entitled Electrospinning Ultrafine Conductive Polymeric Fibers; and

WHEREAS, Trustees of the University of Pennsylvania, hereinafter referred to as the assignee, of Philadelphia, Pennsylvania, a corporation of Pennsylvania, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said assignor, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, the entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in my name applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, 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 had this assignment, sale and transfer not been made.

AND I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I will each time 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 inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and I agree to communicate to said assignee or to

PATENT REEL: 013795 FRAME; 0894 its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND I 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 said assignee, as assignee of the entire right, title and interest, any and all Letters Patent for said inventions or improvements, 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 have hereunto set our hands and seals.

Ian D. Norris

State of New Mexico:

COUNTY OF Santa Fr. :

On this 19K day of February, 2003, before me personally came the above named Ian D. Norris to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

SS

NOTARY OF PUELIC

My Commission expired on October 24th 2006

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