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| Form PTO-1595 (Rev. 06/04) OMB No. 0651 <u>-</u> 0027 (exp. 6/30/2005) | U.S. DEPARTMENT OF COMMER©E |
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| RECORDATION FORM COVER SHEET | |
| PATENTS ONLY | |
| 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)/Execution Date(s): | 2. Name and address of receiving party(les) |
| Jack B. Howard 01/07/05 | Name: <u>Nano-C, Inc.</u> |
| David F. Kronholm 01/07/05 Anthony J. Modestino 01/04/05 | Internal Address: |
| Henning Richter 01/07/05 | · |
| Execution Date(s) | Street Address: <u>33 Southwest Park</u> |
| Additional name(s) of conveying party(ies) attached? Yes 🗹 No | |
| 3. Nature of conveyance: | |
| Assignment Merger | City: <u>Westwood</u> |
| Security Agreement Change of Name | State: MA |
| Government Interest Assignment | Country: USAZip: 02090 |
| Executive Order 9424, Confirmatory License | |
| Other | Additional name(s) & address(es) attached? 🗌 Yes 🗹 😡 |
| 4. Application or patent number(s): | |
| A. Patent Application No.(s) | B. Patent No.(s) |
| 10/489,846 | |
| | |
| Additional numbers at | tached? Yes No |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: |
| Name: Wilmer Cutler Pickering Hale and Dorr LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 |
| Internal Address: Mary Rose Scozzafava | Authorized to be charged by credit card |
| | Authorized to be charged to deposit account |
| Street Address: 60 State Street | |
| | None required (government interest not affecting tile) |
| City: Boston | 8. Payment Information |
| State: <u>MA</u> Zip: <u>02109</u> | a. Credit Card Last 4 Numbers |
| Phone Number: <u>617-526-6000</u> | b. Deposit Account Number <u>08-0219</u> |
| Fax Number: <u>617-526-5000</u> | · · · |
| Email Address: | Authorized User Name <u>Mary Rose Scozzafava</u> |
| 9. Signature: May Rose Alonatava | January 19,200 |
| Sigilature | Dáte |
| Mary Rose Scozzafava, Reg. No. 36,268 | Total number of pages including cover 5 |
| Name of Person Signing | at) should be faxed to (703) 306-5995, or mailed to: |
| Mail Stop Assignment Recordation Services, Diractor of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450 | |

PATENT REEL: 015605 FRAME: 0469

ASSIGNMENT

WHEREAS, we, Jack B. Howard, a citizen of the United States and residing at 24 Central Street, Winchester, MA 01890, United States of America; David F. Kronholm, a citizen of the United States and residing at 51 Union Park, Boston, MA 02118, United States of America; Anthony J. Modestino, a citizen of the United States and residing at 141 Wagon Trail, Hanson, MA 02341, United States of America and Henning Richter, a citizen of the Germany and residing at 30 Harbor Point Blvd. #401, Dorchester, MA 02125, United States of America, are Inventors of certain new and useful inventions and discoveries entitled "METHOD FOR COMBUSTION SYNTHESIS OF FULLERENES" also identified as Attorney Docket Number 286638.122US2, the specification of which was filed with the United States Patent and Trademark Office on March 16, 2004 and has been assigned Serial Number 10/489,846.

WHEREAS, Nano-C, Inc., whose address is 33 Southwest Park, Westwood, MA 02090, United States of America, which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

NOW, THEREFORE, for and in consideration of our employment by ASSIGNEE and other valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservations:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said United States Patent Application, any and all other applications for Letters Patent(s) on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reexamination and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said United States Patent Application, and any and all Letters Patent(s), reissues, and extensions of Letters Patent(s) granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent(s);

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

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3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patent(s) to ASSIGNEE, as assignee of the entire right, title, and interest therein or otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to either us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent(s) shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this 7th/₂ day of un, 2005 (Month/Year).

Jack B. Howard

On this $\underline{\mathcal{A}}^{\prime \mu}$ day of $\underline{\partial l/2\partial \partial S}$ (Month/Year), before me personally came the above-named Jack B. Howard 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 his own free will for the use and purposes therein set forth.

terning US WITNESS:

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\frac{7^{+1}}{2}$ day of 2005 (Month/Year).

David F. Kronholm

foregoing assignment, and who acknowledged to me that execution of the same was of his own free will for the use and purposes therein set forth.

WITNESS: Jack B, Howard

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IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\underline{4}^{Th}$ day of 1/2005 (Month/Year).

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On this $\underline{4^{+}}_{b}$ day of $\underline{1/2005}$ (Month/Year), before me personally came the above-named Anthony J. Modestino 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 his own free will for the use and purposes therein set forth.

WITNESS:

Malest

IN TESTIMONY WHEREOF, I have hereunto set my hand and seal this $\frac{\gamma''}{\gamma}$ day of 1/2005 (Month/Year).

On this 7^{th} day of 2^{th} . 2^{th} 5^{th} (Month/Year), before me personally came the above-named Henning Richter 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 his own free will for the use and purposes therein set forth.

WITNESS:

Jack B. Howard

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PATENT REEL: 015605 FRAME: 0473

RECORDED: 01/18/2005