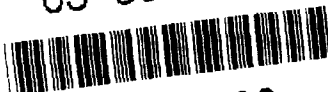


03-30-2006

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SHEET

D & M Docket Number: CXU-461

To the Director of the U.S. P.

Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Pu-Chun Ke
Francesco Stellacci
Apparao M. Rao

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 6, 2006 and January 8, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: Clemson University

Internal Address: _____

Street Address: _____

City: Clemson

State: SC

Country: USA

Zip: 29634

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/332,840

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Dority & Manning, P.A.

Internal Address: _____

Street Address: P.O. Box 1449

City: Greenville

State: SC

Zip: 29602

Phone Number: 864-271-1592

Fax Number: 864-233-7342

Email Address: cmangelsen@dority-manning.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
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a. Credit Card Last 4 Numbers 5658

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9. Signature:

Christina L. Mangelsen
Signature

March 22, 2006

Date

Christina L. Mangelsen, Patent Agent
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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PATENT
REEL: 017723 FRAME: 0421

ATTORNEY DOCKET NO: CXU-461**JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS**

WHEREAS, we, Pu-Chun Ke, a citizen of Australia, residing at 111 Shadowood Drive, Clemson, South Carolina 29631; Francesco Stellacci, a citizen of Italy, residing at 72 Line Street, No. 2, Somerville, Massachusetts 02143; and Apparao M. Rao, a citizen of the United States, residing at 107 Lyndhurst Drive, Anderson, South Carolina 29621, as assignors, have made an invention entitled **SURFACE PLASMON INDUCTION IN MULTIWALLED CARBON NANOTUBE ARRAYS** as described in a patent application for U.S. Letters Patent executed by us on even date herewith, which is about to be filed in the U.S. Patent and Trademark Office; and

WHEREAS, CLEMSON UNIVERSITY, a body politic and corporate under the laws of the State of South Carolina, whose Post Office Address is Clemson University, Clemson, South Carolina; as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;


NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) in hand paid and other good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this

invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.



Signature of First Inventor

Pu-Chun Ke

Date: Jan 06, 06

Signature of Second Inventor

Francesco Stellacci

Date: _____



Signature of Third Inventor

Apparao M. Rao

Date: Jan 06, 2006