	1032	02630 FORM COVER SHEET U.S. DEPARTMENT OF COM
Form PTO- <b>1595</b> (Rev. 10/02)		FORM COVER SHEET U.S. DEPARTMENT OF COM U.S. Patent and Trademar
ÔMB No. 0651-0027 (exp. 6//30/2005) Tab settings ⇒ ⇒ ⇒ ▼		
· · · · · · · · · · · · · · · · · · ·	of Patents and Trademarks	: Please record the attached original documents or copy thereof
1. Name of conveying party(ies): Mahendra Kunmar Sunkara Shashank Sharma		2. Name and address of receiving party(ies)
Additional name(s) of conveying party(ies) attache	ed? Yes X No	Internal Address:
3. Nature of conveyance:		
X Assignment	Merger	Street Address: Office of Technology Transfer
Security Agreement	Change of Name	Med Center 3
Other		City: Louisville State: KY Zip 40202
Execution Date: <u>1/9/2006</u>		Additional Name(s) & address(es) attached?
-	gether with a new applic 10/664,072	B. Patent No. (s)
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh	gether with a new applic 10/664,072 Additional numbers a nom correspondence	B. Patent No. (s)
If this document is being filed to A. Patent Application No.(s)	gether with a new applic 10/664,072 Additional numbers a nom correspondence	B. Patent No. (s) ttached? Yes X No 6. Total number of applications and patents involved:
<ul> <li>If this document is being filed to A. Patent Application No.(s)</li> <li>5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u></li> </ul>	gether with a new applic 10/664,072 Additional numbers a nom correspondence	B. Patent No. (s) ttached? Yes X No
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be	gether with a new applic 10/664,072 Additional numbers a nom correspondence	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u>	gether with a new applic 10/664,072 Additional numbers a nom correspondence	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u>	gether with a new applic 10/664,072 Additional numbers a nom correspondence mailed:	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u> Internal Address:	gether with a new applic 10/664,072 Additional numbers a nom correspondence mailed:	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u> Internal Address: 	gether with a new applie 10/664,072 Additional numbers a nom correspondence mailed: s Lane	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>500642</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u> Internal Address: <u>Carrithers Law Office PLLC</u> Street Address: <u>6060 Dutchman</u> <u>Suite 140</u>	gether with a new applie 10/664,072 Additional numbers a nom correspondence mailed: <u>s Lane</u> <u>s Lane</u> <u>s Lane</u>	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>500642</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u> Internal Address: <u>Carrithers Law Office PLLC</u> Street Address: <u>6060 Dutchman</u> <u>Suite 140</u>	gether with a new applie 10/664,072 Additional numbers a nom correspondence mailed: <u>s Lane</u> <u>s Lane</u> <u>s Lane</u>	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>500642</li> <li>(Attach duplicate copy of this page if paying by deposit account</li> </ul>
If this document is being filed tog         A. Patent Application No.(s)         5. Name and address of party to wh         concerning document should be         Name: David Carrithers         Carrithers Law Office PLLC         Internal Address:         Street Address: 6060 Dutchman         Suite 140         City: Louisville         9. Statement and signature.	gether with a new applie 10/664,072 Additional numbers a nom correspondence mailed: <u>s Lane</u> <u>s Lane</u> <u>cky</u> Zip: <u>40205</u> <u>DO NOT Us</u> elief, the foregoing infor	<ul> <li>B. Patent No. (s)</li> <li>ttached? Yes X No</li> <li>6. Total number of applications and patents involved:</li> <li>7. Total fee (37 CFR 3.41)\$80.00</li> <li>X Enclosed</li> <li>Authorized to be charged to deposit account</li> <li>8. Deposit account number:</li> <li>500642</li> <li>(Attach duplicate copy of this page if paying by deposit account</li> </ul>
If this document is being filed to A. Patent Application No.(s) 5. Name and address of party to wh concerning document should be Name: <u>David Carrithers</u> <u>Carrithers Law Office PLLC</u> Internal Address: <u>Carrithers Law Office PLLC</u> Internal Address: <u>6060 Dutchman</u> Street Address: <u>6060 Dutchman</u> <u>Suite 140</u> City: <u>Louisville</u> State: <u>Kentuc</u> 9. Statement and signature. <i>To the best of my knowledge and b</i>	gether with a new applie 10/664,072 Additional numbers a nom correspondence mailed: <u>s Lane</u> <u>s Lane</u> <u>cky</u> Zip: <u>40205</u> <u>DO NOT Us</u> elief, the foregoing infor	B. Patent No. (s)  ttached? Yes X No  6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41)\$80.00 X Enclosed Authorized to be charged to deposit account 8. Deposit account number: 500642 (Attach duplicate copy of this page if paying by deposit account SE THIS SPACE

PATENT REEL: 017719 FRAME: 0169

## ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

. Whereas, I, Shashank Sharma, whose address is 1000 Escalon AvenueApt. #K2082, Sunnyvale, CA 94085 have invented certain improvements in **DIRECT SYNTHESIS OF OXIDE NANOSTRUCTURES OF** LOW-MELTING METALS as set forth and described in United States Patent Application Serial No. 10/664,072 filed on 9/16/2003; and

Whereas, UNIVERSITY OF LOUISVILLE, whose address is Office of Technology Transfer Med Center 3, Louisville, KY 40202 including its successors and assigns, desires to acquire my entire right, title and interest in said application and invention, and any United States and foreign patents to be obtained therefor;

Now therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said UNIVERSITY OF LOUISVILLE, the entire right, title and interest in said application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all provisional patent applications, United States utility or design patent applications and any PCT and/or foreign patent applications, patents, continuations, continuations-in-part, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. I also agree that UNIVERSITY OF LOUISVILLE may apply for foreign Letters Patent on the invention, and I agree to cooperate with UNIVERSITY OF LOUISVILLE and to execute without additional consideration any additional documents as deemed necessary by UNIVERSITY OF LOUISVILLE to apply for or maintain patents or other legal protection for the invention in any country of the world.

I hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this application to said UNIVERSITY OF LOUISVILLE.

Mark\_\_\_\_

Shashank Sharn

day of **Dec**\_\_\_, 200 **5**. Executed this 22 STATE OF California ) SS: COUNTY OF Sonta clara

Subscribed and sworn to by Shashank Sharma, who acknowledged same and declared it to be the free act and deed of Applicant this  $22^{10}$  day of 205.

My Commission expires: JI 29, 2007

(Seal) (Seal) KARTHIK A. MOULIE Commission # 1432832 Notary Public - California Santa Clara County My Comm. Expires Jul 29, 2007 KARTHIK A . MOULIE Notary Public

> PATENT REEL: 017719 FRAME: 0170

## ASSIGNMENT OF INVENTION AND OF LETTERS PATENT

Whereas, I. Mahendra Kunmar Sunkara, whose address is 17110 Polo Fields Ln, Louisville, Ky 40245 have invented certain improvements in DIRECT SYNTHESIS OF OXIDE NANOSTRUCTURES OF LOW-MELTING METALS as set forth and described in United States Patent Application Serial No. 10/664,072 filed on 9/16/2003; and

Whereas, UNIVERSITY OF LOUISVILLE, whose address is Office of Technology Transfer Med Center 3, Louisville, KY 40202 including its successors and assigns, desires to acquire my entire right, title and interest in said application and invention, and any United States and foreign patents to be obtained therefor;

Now therefore, in consideration of one dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign and transfer unto said UNIVERSITY OF LOUISVILLE, the entire right, title and interest in said application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended and the entire right, title, and interest in and to any and all provisional patent applications, United States utility or design patent applications and any PCT and/or foreign patent applications, patents, continuations, continuations-in-part, and reissues based thereon which may be filed or granted therefor in the United States or any foreign country. I also agree that UNIVERSITY OF LOUISVILLE may apply for foreign Letters Patent on the invention, and I agree to cooperate with UNIVERSITY OF LOUISVILLE and to execute without additional consideration any additional documents as deemed necessary by UNIVERSITY OF LOUISVILLE to apply for or maintain patents or other legal protection for the invention in any country of the world.

I hereby authorize and request the U.S. Commissioner of Patents and Trademarks to issue any Letters Patent granted upon the invention set forth in this application to said UNIVERSITY OF LOUISVILLE.

1.K. Surkara Iahendra Kunmar Sunkara

Executed this <u>91k</u> day of <u>January</u>, 200<u>6</u>. STATE OF <u>Kentucky</u>) SS: COUNTY OF <u>Jefferson</u>)

Subscribed and sworn to by Mahendra Kunmar Sunkara, who acknowledged same and declared it to be the free act and deed of Applicant this <u>94k</u> day of <u>JAN</u>, 2006.

My Commission expires:

David 10, Camin

(Seal)

## PATENT REEL: 017719 FRAME: 0171

## **RECORDED: 03/20/2006**