

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mahendra Kumar Sunkara</td> <td>10/24/2003</td> </tr> <tr> <td>Hari Chandrasekaran</td> <td>10/24/2003</td> </tr> <tr> <td>Hongwei Li</td> <td>10/24/2003</td> </tr> </tbody> </table>		Name	Execution Date	Mahendra Kumar Sunkara	10/24/2003	Hari Chandrasekaran	10/24/2003	Hongwei Li	10/24/2003
Name	Execution Date								
Mahendra Kumar Sunkara	10/24/2003								
Hari Chandrasekaran	10/24/2003								
Hongwei Li	10/24/2003								
RECEIVING PARTY DATA									
Name:	University of Louisville								
Street Address:	Jouett Hall								
Internal Address:	Room 200								
City:	LOUISVILLE								
State/Country:	KENTUCKY								
Postal Code:	40292								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11824934</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11824934				
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Application Number:	11824934								
CORRESPONDENCE DATA									
Fax Number:	(502)587-6391								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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Address Line 2:	Stites & Harbison PLLC								
Address Line 4:	LOUISVILLE, KENTUCKY 40202								
ATTORNEY DOCKET NUMBER:	UN024/UN119-CON								
NAME OF SUBMITTER:	Memorie Stofferahn								
Total Attachments: 3									

OP \$40.00 11824934

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**PATENT
 REEL: 021313 FRAME: 0185**

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**ASSIGNMENT OF INVENTION
AND OF LETTERS PATENT**

Whereas, I, Mahendra Kumar Sunkara, whose address is 17110 Polo Fields Lane, Louisville, KY 40245; I, Hari Chandrasekaran, whose address is 2201 James Guthrie Court, Apt. #3, Louisville, KY 40217; and I, Hongwei Li, whose address is 1719 S. 4th St. #4, Louisville, KY 40208 have invented certain improvements in an invention for a "GROWTH OF TEXTURED GALLIUM NITRIDE THIN FILMS ON POLYCRYSTALLINE SUBSTRATES", and have executed application Serial No. 10/427,747 filed on April 30, 2003; and

Whereas, the University of Louisville, whose address is Jouett Hall - Room 200, University of Louisville, Louisville, KY 40292, (including its successors and assigns), desires to acquire my entire right, title and interest in said applications 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 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 the University of Louisville and to execute without additional consideration any additional documents as deemed necessary by the

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.

M. K. Sunkara

Mahendra Kumar Sunkara

Executed this 24th day of October, 2003 at Louisville, KY.

STATE OF Kentucky)
) SS:
COUNTY OF Jefferson)

Before me personally appeared Mahendra Kumar Sunkara and acknowledged the foregoing instrument to be his free act, and deed this 24th day of October 2003, 2003.

My Commission expires:

02/25/2007

Sheldon Pepper
Notary Public

(Seal)

Signature

Hari Chandrasekaran

Executed this 24th day of October, 2003 at Louisville, KY.

STATE OF Kentucky, SS:

COUNTY OF Jefferson

Before me personally appeared Hari Chandrasekaran and acknowledged the foregoing instrument to be his free act, and deed this 24th day of October, 2003.

My Commission expires:

02/26/2007
Sharon Pepper
Notary Public

(Seal)

Signature

Hongwei Li

Executed this 24th day of October, 2003 at Louisville, KY.

STATE OF Kentucky, SS:

COUNTY OF Jefferson

Before me personally appeared Hongwei Li and acknowledged the foregoing instrument to be his free act, and deed this 24th day of October, 2003.

My Commission expires:

02/25/2007
Sharon Pepper
Notary Public

(Seal)