

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | |
|---|--|---------------|-----------------------------|---|------------------|-------------------|-----------|-------|-----------|----------------|----------|--------------|-------|
| NATURE OF CONVEYANCE: | EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>The Regents of the University of California</td> <td>06/22/2008</td> </tr> </tbody> </table> | | Name | Execution Date | The Regents of the University of California | 06/22/2008 | | | | | | | | |
| Name | Execution Date | | | | | | | | | | | | |
| The Regents of the University of California | 06/22/2008 | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>National Science Foundation</td> </tr> <tr> <td>Street Address:</td> <td>4201 Wilson Blvd</td> </tr> <tr> <td>Internal Address:</td> <td>Room 1265</td> </tr> <tr> <td>City:</td> <td>Arlington</td> </tr> <tr> <td>State/Country:</td> <td>VIRGINIA</td> </tr> <tr> <td>Postal Code:</td> <td>22230</td> </tr> </table> | | Name: | National Science Foundation | Street Address: | 4201 Wilson Blvd | Internal Address: | Room 1265 | City: | Arlington | State/Country: | VIRGINIA | Postal Code: | 22230 |
| Name: | National Science Foundation | | | | | | | | | | | | |
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| City: | Arlington | | | | | | | | | | | | |
| State/Country: | VIRGINIA | | | | | | | | | | | | |
| Postal Code: | 22230 | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11886390</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11886390 | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | |
| Application Number: | 11886390 | | | | | | | | | | | | |
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| Total Attachments: 1 source=38#page 1.tif | | | | | | | | | | | | | |

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This instrument confirms to the United States Government, as represented by the National Science Foundation, an irrevocable, nonexclusive, nontransferable, royalty-free license to practice or have practiced on its behalf throughout the world the following subject invention:

Invention title : Nanophotonic Crescent Moon Structure with Sub-nm Sharp Edge for
Ultrasensitive Biomolecular Sensor and Cellular Imaging

Inventors : Luke P. Lee, Gang L. Liu, Yu Lu, Jaeyoun Kim

Patent Application : Metallic Nanostructures Adapted for Electromagnetic Field
Enhancement

Serial No. : 11/886,390

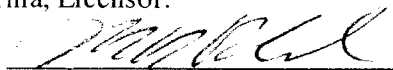
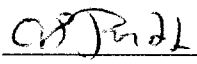
Filing Date : September 14, 2007

Country (if other than U.S.) : PCT, EP

NSF Disclosure No. :

This subject invention was made with National Science Foundation Grant No. EEC-9813302.

Principal rights to this subject invention have been left with The Regents of the University of California, Licensor.

Signed:  Date : 
Michael Cohen
Associate Director

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Accepted on behalf of the Government:

NSF Patent Paralegal Date _____

UC Case No.: B05-032-2

OTL:tl
8/19/92