06-26-2000

RECORDATION FORM COVER SHEET
PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

<table>
<thead>
<tr>
<th>Submission Type</th>
<th>Conveyance Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ] New</td>
<td>[ ] Assignment</td>
</tr>
<tr>
<td>[ ] Resubmission (Non-Recordation)</td>
<td>[ ] Security Agreement</td>
</tr>
<tr>
<td>[ ] Document ID#</td>
<td>[ ] License</td>
</tr>
<tr>
<td>[ ] Correction of PTO Error</td>
<td>[ ] Change of Name</td>
</tr>
<tr>
<td>Reel # Frame #</td>
<td>[ ] Merger</td>
</tr>
<tr>
<td>[ ] Corrective Document</td>
<td>[ ] Other</td>
</tr>
<tr>
<td>Reel # Frame #</td>
<td>[ ] CONFIRMATORY INSTRUMENT</td>
</tr>
<tr>
<td>[ ] for Use ONLY by U.S. Government</td>
<td>[ ] Departmental File</td>
</tr>
<tr>
<td>Agencies</td>
<td>[ ] Secret File</td>
</tr>
</tbody>
</table>

Conveying Party(ies)
NORTHWESTERN UNIVERSITY

Name (line 1)

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Receiving Party
NAVY, SECRETARY OF THE
UNITED STATES OF AMERICA
OFFICE OF NAVAL RESEARCH
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660

Execution Date
Month Day Year

Domestic Representative Name and Address

Name: DAVID STEVENS
OFFICE OF NAVAL RESEARCH
800 NORTH QUINCY STREET
ARLINGTON VA 22217-5660

FOR OFFICE USE ONLY:

Public burden reporting form 1605/0033. Approved by OMB number 0651-0027. The public reporting burden for the collection of information is estimated to average 1 hour per response, including time for reviewing instructions, gathering data, and completing and submitting the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD AND OTHER DOCUMENTS TO THIS ADDRESS.
Correspondent Name and Address

Name: JEAN TRUMAN
Address (line 1): OFFICE OF NAVAL RESEARCH
Address (line 2): OFFICE OF COUNSEL
Address (line 3): 800 NORTH QUINCY STREET
Address (line 4): ARLINGTON VA 22217-5660

Area Code and Telephone Number: (703) 696-4009

Pages
Enter the total number of pages of the attached conveyance document including any attachments: 1

Application Number(s) or Patent Number(s)
Mark if additional numbers attached: 

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property):
Patent Application Number(s): 09360241
Patent Number(s): 

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor:

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT PCT
only if a U.S. Application Number PCT PCT PCT has not been assigned.

Number of Properties
Enter the total number of properties involved: 1
No fee req'd

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): $

Method of Payment:
Enclosed [ ] Deposit Account [ ]

(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Statement and Signature

Authorization to charge additional fees: Yes [ ] No [ ]

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

THOMAS E. McDONNELL
Name of Person Signing
Signature
Date: 19/May/00
WHEREAS, Tobin J. Marks and Qingwu Wang, of NORTHWESTERN UNIVERSITY, have invented an invention entitled, "Organic Light-Emitting Diodes and Methods for Assembly and Emission Control" (NU 99027) and filed a patent application thereon in the United States bearing Serial No. 09/360,249 on July 23, 1999; and

WHEREAS, the invention was made in the course of research supported by the Office of Naval Research (MURIC N00014-95-1-1319); and

WHEREAS, the United States Government is entitled to certain rights in and to said invention and application by reason of the terms of such support; and

WHEREAS, NORTHWESTERN UNIVERSITY, hereinafter called the "Licensor", has acquired by assignment from the inventor the entire right, title and interest of the inventor to such invention;

NOW, THEREFORE

1. The Licensor, in consideration of the premises and other good and valuable considerations, hereby grants and conveys to the United States Government (including any agency thereof, state, or domestic municipal government) a royalty-free, non-exclusive, and irrevocable license to make use and sell for any governmental purposes, and on behalf of any foreign government pursuant to any existing or future treaty or agreement with the United States of America, embodiments of the invention described in the aforesaid application and in any and all divisions, continuations and continuations-in-part thereof, and in any and all reissues thereof, during the full term or terms thereof.

2. The Licensor covenants and warrants that it has the right to grant the foregoing license, and that any assignment which it may make of the invention or the said patent applications or patents thereon, shall expressly be made subject to this license.

3. The Licensor agrees that the Government shall not be estopped at any time to contest the enforceability, validity, scope of, or title to any patent or patent application herein licensed.

NORTHWESTERN UNIVERSITY

By: Lydia Villa-Komaroff, Ph.D.
Title: Vice President for Research

Northwestern University
633 Clark Street
Evanston, Illinois 60208-1111

c:\winword\license\conlic.nsf