



6/23/09

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To the Director of the US Patent and Trademark Office: Please record documents or the new address(es) below.

1. Name of conveying party(ies): **Neil Dasgupta** **Wonyoung Lee**
Friedrich B. Prinz **James F. Mack**
Timothy P. Holme
Stephen Walch

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

2. Name and address of receiving party(ies):
 Name: **The Board of Trustees of the Leland Stanford Junior University**
 Street address: 1705 El Camino Real
 City: **Palo Alto** State: **CA** Zip: **94306-1106** Country: **USA**

Additional name(s) and address(es) attached? Yes No

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

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Joint Research Agreement
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Government Interest Assignment
<input type="checkbox"/> Merger	<input type="checkbox"/> Executive Order 9424m Confirmatory License
<input type="checkbox"/> Change of Name	<input type="checkbox"/> Other

Execution Date(s): 5/18/09, 6/2/09, 6/4/09

4. Application or patent number(s):

A. Patent Application No.(s) 12/383588	B. Patent No.(s)	C. Agent Ref No.(s) S08-029/US
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This document is being filed together with a new application.

Additional numbers attached? Yes No

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

Name: **Lumen Patent Firm**
 Street address: **2345 Yale Street, Second Floor**
 City: **Palo Alto** State: **CA** Zip: **94306** Country: **USA**
 Phone No.: **650-424-0100** Fax No.: **650-424-0141** Email: **admin@lumen.com**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40 Authorized to be charged by credit card

8. Payment information:

a. Credit Card Last 4 Numbers: **5900** Credit Card Expiration Date: **10/2009**

9. Signature:

Signature / **Robert Lodenkamper / Reg.No. 55,399**

Printed Name **Robert Lodenkamper**

Date **6/18/09**

Total number of pages including cover sheet, attachments and documents: 5

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ASSIGNMENT

WHEREAS, I/WE:

Neil Dasgupta, a citizen of USA, residing at 945 Woodland Avenue, Menlo Park, CA 94025, USA

Friedrich B. Prinz, a citizen of Austria, residing at 480 Las Pulgas Dr, Woodside, CA 94062, USA

Timothy P. Holme, a citizen of USA, residing at 855 Middle Ave, Menlo Park, CA 94025, USA

Stephen Walch, a citizen of USA, residing at 36420 Sereno Common , Fremont, CA 94536, USA

Wonyoung Lee, a citizen of South Korea, residing at 344 Olmsted Rd Apt 348 , Stanford, CA 94305, USA

James F. Mack, a citizen of USA, residing at 354 Embarcadero Road, Palo Alto, CA 94301, USA

1) For valuable consideration, the receipt and adequacy of which are hereby acknowledged, I/we, the above-named Assignor(s), each sell and assign to The Board of Trustees of the Leland Stanford Junior University, hereinafter Assignee, the entire right, title and interest in and to the invention or inventions as described in US patent application 12/383588, entitled Field-Aided Preferential Deposition of Precursors filed on 3/24/2009, and naming Assignor(s) as inventor(s), and to any and all applications for patent and patents in any and all countries relating to said invention(s), including all divisions, continuations, reissues and extensions thereof, and including all domestic and foreign rights of priority resulting from the filing of said US patent application.

2) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that at the time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the entire right, title and interest in and to said invention(s).

3) I/we hereby agree that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do so.

4) I/we agree that on request and without further consideration, but at the expense of Assignee, I/we will sign all lawful papers, make all rightful oaths, and testify in any legal proceedings relating to said invention(s), and generally aid Assignee, or its successors, assigns, or nominees, to obtain and enforce proper patent protection for said invention(s) in any and all countries.

5) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Signature: Neil Dasgupta
Inventor: **Neil Dasgupta**

Date: 5/18/09

Signature: Friedrich B. Prinz
Inventor: **Friedrich B. Prinz**

Date: 6/02/09

Signature: Tim Holme
Inventor: **Timothy P. Holme**

Date: 5-18-09

Signature: _____
Inventor: **Stephen Walch**

Date:

Signature: Wonyoung Lee
Inventor: **Wonyoung Lee**

Date: 5/18/09

Signature: James F. Mack
Inventor: **James F. Mack**

Date: 5/18/09

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Signature: _____
Inventor: **Neil Dasgupta**

Date:

Signature: _____
Inventor: **Friedrich B. Prinz**

Date:

Signature: _____
Inventor: **Timothy P. Holme**

Date:

→ Signature: *Stephen Walch*
Inventor: **Stephen Walch**

Date: *6-4-09*

Signature: _____
Inventor: **Wonyoung Lee**

Date:

Signature: _____
Inventor: **James F. Mack**

Date:

Agent Ref.: S08-029/US

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Assignment

PID: 14401