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103340768

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PATENTS ONLY

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1. Name of conveying party(ies): Supriyo Sinha
Michel J. F. Dignonnet
Robert L. Byer
Jens Limpert
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
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3. Nature of conveyance/Execution Date(s):
☒ Assignment ☐ Joint Research Agreement
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☐ Change of Name ☐ Other
Execution Date(s): October 13, 2006

4. Application or patent number(s):
A. Patent Application No.(s) 11/508550 A. Patent No.(s)
☐ 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 Intellectual Property Services, Inc.
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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: 9737 Credit Card Expiration Date: 10/2006

9. Signature: 11/20/2006 NNGUYEN1 00000060 11508550
Signature Robert Lodenkamper 07 FC:0021 (40.00)
Printed Name Robert Lodenkamper
Date 11/15/06 Total number of pages including cover sheet, attachments and documents: 3

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PATENT
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ASSIGNMENT

WHEREAS, I/WE:

Supriyo Sinha, a Canada citizen, residing at 1026 Middle Avenue, Apt. C, Menlo Park, CA, CA 94025, USA

Michel J. F. Dignonnet, a France citizen, residing at 1045 College, Palo Alto, CA 94304, USA

Robert L. Byer, a USA citizen, residing at 891 Allardice, Stanford, CA 94305, USA

Jens Limpert, a Germany citizen, residing at Otto-Schott-Str. 24, 07745 Jena, , Germany

1) For valuable consideration, the receipt and adequacy of which receipt is acknowledged, I/we, the above-named Assignor(s), each sell and assign to hereinafter Assignee, the entire right, title and interest in and to the invention or inventions as described in US Patent Application, 11/508550, entitled Mitigation of Photodarkening to Achieve Laser Oscillation and Amplification with Highly Doped Fibers filed on 8/22/2006 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.

Inventor: **Supriyo Sinha**

Signature: 

Date: Oct 12/2006

Inventor: **Michel J. F. Digonnet**

Signature: Michel J.F. Digonnet

Date: Oct. 12/2006

Inventor: **Robert L. Byer**

Signature: Robert L. Byer

Date: Oct 13/2006

Inventor: **Jens Limpert**

Signature: J. Limpert

Date: 10/05/06