Client Code: STANF.112A

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liginal documents or copy thereof.

TO THE ASSISTANT COMMISSIONER 1 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): (If multiple assignors, list numerically) Name: BOARD OF TRUSTEES FOR THE LELAND STANFORD JR. UNIVERSITY 1. Monica K. Davis 255 S. Rengstorff Avenue, #120 Internal Address: Mountain View, CA 94040 Street Address: Stanford University 2. Michel J.F. Digonnet City: Stanford State: CA ZIP: 94305 2090 Cornell Street Additional name(s) of receiving party(ies) attached? Palo Alto, CA 94306 () Yes (X) No Additional name(s) of conveying party(ies) attached? () Yes (X) No 4. Application number(s) or Patent number(s): 3. Nature of conveyance: (X) Application(s) filed herewith (X) Assignment Execution Date(s): April 20, 1998 () Merger () Security Agreement () Patent Application No.: () Change of Name Filing Date: () Other: Execution Date: (If multiple assignors, list execution dates in Patent No.: numerical order corresponding to numbers indicated in 1 above) Issue Date: 1) April 20, 1998 2) April 20, 1998 Additional numbers attached? () Yes (X) No Total fee (37 CFR 3.41): \$40 5. Name and address of party to whom correspondence 7. concerning document should be mailed: (X) Enclosed Authorized to be charged to deposit account if any (X) Name: Daniel E. Johnson additional fees are required, or to credit any KNOBBE, MARTENS, OLSON & BEAR, LLP overpayment Customer No. 20,995 Internal Address: Sixteenth Floor Street Address: 620 Newport Center Drive Deposit account number: 11-1410 City: Newport Beach State: CA ZIP: 92660 Attorney's Docket No.: STANF.112A Please charge this account for any additional fees which may be required, or credit any overpayment to this account. Total number of applications and patents involved: 1 6. 9. Statement and signature. 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.

Daniel E. Johnson

Registration No.

Name of Person Signing

37,033

Total number of pages including cover sheet, attachments and document: 3

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents Box Assignments Washington, D.C. 20231

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knobbe, martens, olson & bear, llp rate NT 620 newport center dr $\,$ 16th floor $\,$ newport beach, PA 2660 NT $\,$ REEL: 9132 FRAME

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Application No.: Unknown Filing Date: Herewith

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ASSIGNMENT

WHEREAS, We, Monica K. Davis, a United States citizen, residing at 255 S. Rengstorff Avenue, #120, Mountain View, CA 94040, Michel J.F. Digonnet, a citizen of France, residing at 2090 Cornell Street, Palo Alto, CA 94306 have invented certain new and useful improvements in a MULTIPLE-CORE OPTICAL FIBERS AND ASSOCIATED COUPLING METHODS for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, BOARD OF TRUSTEES FOR THE LELAND STANFORD JR. UNIVERSITY (hereinafter "ASSIGNEE"), a California Corporation, with its principal place of business at Stanford University, Stanford, CA 94305, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) each to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20 day of air, 1958

Marica K. A.

STATE OF CALIFORNIA COUNTY OF SANTA CLARA

On Loci 1998, before me, Kisten J. Leube personally appeared Monica K. Davis personally known to the (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

KIRSTEN J. LEUTE
Commission = 1172586
Notary Public - California
Sante Clara County
My Committee 100 12002

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 20 day of APRIL, 19 9.

Medul J. F. Depumbruichel J.F. Digonnet

STATE OF CALIFORNIA

COUNTY OF MNTA CLARA

∏ || ss. ||

On <u>Moni 26,1998</u>, before me, <u>Nik few T. Leute</u> personally appeared Michel J.F. Digonnet personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]

KIRSTEN J. LEUTE
Commission #1172586
Notary Public - California
Santa Clara County
My Comm. Expires Feo 6, 2002

Signature

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RECORDED: 04/22/1998