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To the Director, U.S. Patent and Trademar

inal documents or copy thereof.

 Name of conveying party(ies): (List using retter) or numbers for multiple parties) Aydogan Ozcan Michael J.F. Digonnet Gordon S. Kino Additional name(s) of conveying party(ies) attached? Yes No Nature of conveyance: (X) Assignment () Security Agreement () Merger () Change of Name () Other: Execution Date: (List as in section 1 if multiple signatures) July 27, 2006 September 1, 2006 August 31, 2006 Party to whom correspondence concerning document should be mailed: Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 	Name: The Board of Trustees of the Leland Stanford Junior University City: Stanford State: California ZIP: 94304 Additional name(s) of receiving party(ies) attached? () Yes (X) No 4. US or PCT Application number(s) or US Patent number(s): (X) Patent Application No.: 11/396,931 Filing Date: April 3, 2006 Additional numbers attached? () Yes (X) No 6. Total number of applications and patents involved: 1			
Attorney's Docket No.: STANF.141CP1				
7. Total fee (37 CFR 1.21(h)): \$40.00	8. Deposit account number: 11-1410 v			
(X) Enclosed	Please charge this account for any additional fees which may be required, or credit any overpayment to this account.			
9. Statement and signature. To the best of my knowledge and belief, the foregoing is a true copy of the original document. Bruce S. Itchkawitz Name of Person Signing 47,677 Registration No. Total number of pages including cover	sheet, attachments and document: 7			
Mail Stop Assignment Recordation Services				

Director, U.S. Patent and Trademark Office P.O. Box 1450

Alexandria, VA 22313-1450

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Application No.: 11/396,931 Client Code: STANF.141CP1
Filing Date: April 3, 2006 Page 1

ASSIGNMENT

WHEREAS, We, Aydogan Ozcan, a Turkish citizen, residing at 146 Trenton Street, Apartment 3, Boston, Massachusetts 02128, Michel J.F. Digonnet, a French citizen, residing at 1045 College Avenue, Palo Alto, California 94306, and Gordon S. Kino, a United States citizen, residing at 867 Cedro Way, Stanford, California 94305, have invented certain new and useful improvements in a FEMTOSECOND SPECTROSCOPY USING MINIMUM PHASE FUNCTIONS for which we have filed an application for Letters Patent in the United States, Application No. 11/396,931, filed on April 3, 2006;

AND WHEREAS, The Board of Trustees of the Leland Stauford Junior University, Stanford, California 94304 (hereinafter "ASSIGNEE"), a California corporation, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of 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 provisional applications relating thereto, 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 DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to suc for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

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 2 day of July, 2006

Aydogan Ozcan

COUNTY OF SUFFOLY

On JUY 27, 2006, before me, ALEN MALLO personally appeared Aydogan Ozcan, 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

whose name is subscribed to the within instrument, and acknowledged to me that he executed the same in his

Application No.: 11/396,931 Client Code: STANF.141CP1
Filing Date: April 3, 2006 Page 2

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 h	And ack officerement. NAVARRO Notary Public Commonwealth of Massachuse My Commission Expires February 6, 2009	15 Karen M. Marrano
IN TESTEMON	Y WHEREOF, I hereunto set my	hand and seal this day of, 2006.
		Michel J.F. Digonnet
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COUNTY OF	j	
person whose name is su	bscribed to the within instrument that by his signature on the inst	, personally appeared to me on the basis of satisfactory evidence) to be the and acknowledged to me that he executed the same in his rument the person, or the entity upon behalf of which the
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[SEAL]		Notary Signature
in testimon	IY WHEREOF, I hereunto set my	hand and seal this day of, 2006
		Gordon S. Kino
STATE OF) } ss.	
COUNTY OF	j	
whose name is subscrib	bed to the within instrument, and that by his signature on the ins	, personally appeare me on the basis of satisfactory evidence) to be the perso d acknowledged to me that he executed the same in bitrument the person, or the entity upon behalf of which the
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PATENT

REEL: 018417 FRAME: 0033

Application No.: 11/396,931 Client Code: STANF.141CP1 Filing Date: April 3, 2006 Page 1

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NOW, THEREFORE, in consideration of 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 provisional applications relating thereto, 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 DO HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the said Letters Patent before or after issuance.

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	IN TESTIMONY	WHEREOF, I hereunto set my	hand and seal this da	ay of, 2006.
			Aydogan Ozcan	
STATE (OF)		
COUNT	Y OF	} ss.		
ydogan	On Ozcan, personall ume is subscribed	, 2006, before me,y known to me (or proved to not to the within instrument, and	ne on the basis of satisfact	, personally appeared ory evidence) to be the person the executed the same in his

Client Code: STANF.141CP1

Application No.: 11/396,931 Page 2 Filing Date: April 3, 2006

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] **Notary Signature** IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 13T day of SEPTEMBLE, 2006. Michel J.F. Digonnet

Michel J.F. Digonnet

WITNESED BY: Stephone BLIN SE SS. WINESSED BY: Usyn Block (2 STATE OF **COUNTY OF** _, personally appeared ___, 2006, before me, _ 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] **Notary Signature** IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _______, 2006. Gordon S. Kino STATE OF COUNTY OF On _______, 2006, before me, _________, personally appeared Gordon S. Kino, 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]

Notary Signature

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Application No.: 11/396,931 Client Code: STANF.141CP1 Filing Date: April 3, 2006 Page 1

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IN	TESTIMONY WHEREOF, I hereunto set my hand and seal this _	day of, 2006.	
	Aydogan Ozcar	1	
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COUNTY O	} ss. F		
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WITNESS my ha	and and official seal.			
[SEAL]		Notary Signature		
IN TESTIMONY	WHEREOF, I hereunto set	my hand and seal this	day of	, 2006.
		Michel J.F. Digor	ınet	
STATE OF]			
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person whose name is sub	, 2006, before me sonally known to me (or poscribed to the within instrumthat by his signature on the instrument.	nent, and acknowledged to	me that he executed	the same in his
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[SEAL]		Notary Signature	<u> </u>	
IN TESTIMONY	WHEREOF, I hereunto set	my hand and seal this 31 Gordon S. Kino	m S. Kingust	, 2006.
STATE OF COUNTY OF Santa (Clara } ss.			
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RECORDED: 10/17/2006