Client Code: STANF.150A

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Name of conveying party(ies): (List using letters	Name and address of receiving party(ies):			
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1.) Onur Kilic	Stanford Junior University			
2.) Michel J. F. Digonnet 3.) Gordon S. Kino	Address: Stanford, California 94304			
4.) Olav Solgaard	Additional name(s) of receiving party(ies) attached?			
· · · · ·				
Additional name(s) of conveying party(ies)	() Yes (X) No			
attached?				
() Yes (X) No				
Nature of conveyance:				
(X) Assignment () Security Agreement				
() Merger () Change of Name				
() Other:	4. US or PCT Application number(s) or US Patent			
Execution Date: (List as in section 1 if multiple	number(s):			
signatures) 1.) March 16, 2007	(X) Patent Application No.: 11/604,673			
2.) February 26, 2007	Filing Date: November 27, 2006			
3.) March 16, 2007	Additional numbers attached?			
4.) March 16, 2007	() Yes (X) No			
5. Party to whom correspondence concerning	Total number of applications and patents			
document should be mailed:	involved: 1			
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PATENT

REEL: 019179 FRAME: 0982

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PATENT

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Application No.: 11/604,673 Filing Date: November 27, 2006

ASSIGNMENT

WHEREAS, We, Onur Kilic, a Turkish citizen, residing at 138 Running Farm Lane, Apartment 102, Stanford, California 94305, Michel J.F. Digonnet, a French citizen, residing at 1045 College Avenue, Palo Alto, California 94306, Gordon S. Kino, a United States citizen, residing at 867 Cedro Way, Stanford, California 94305, and Olav Solgaard, a Norwegian citizen, residing at 849 Pine Hill Road, Stanford, California 94305, have invented certain new and useful improvements in a DEVICE AND METHOD USING ASYMMETRIC OPTICAL RESONANCES for which we have filed an application for Letters Patent in the United States, Application No. 11/604,673, filed on November 27, 2006;

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

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, 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 said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under said improvements, and 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 fereign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to 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, his 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 said Letters Patent before or after issuance.

AND WE HEREBY covenant and agree that we will communicate to 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 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 _ [6 day of March ______, 2007.

STATE OF Callfornia COUNTY OF SENTE CLAVE

On Lavin 16, 2007, before me, Ana Mendoza, notary public, personally appeared Onur Kilic, 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]

ANA MENDOZA Commission # 1621119 Notary Public - California Santa Clara County Communication Nov 14, 2009

PATENT REEL: 019179 FRAME: 0983

PATENT

	Jovember 27, 2006		Chenc	Page 2
, IN TE	STIMONY WHEREOF, I he	reunto set my hand a	nd seal this at day of FEE	
		M	ichel J.F. Digonnet	gound
Witnessed by:	SL	Signature	245	Signature
	STEPHANE J.F. BLIN	Printed name	Ariga Sundaranyth	Printed name
	860#A NOE St	Residence address	160 Fort Blug # 11K	
	SAN FRANCISCO 9414(C	λ)	50 Transisio (4 941)	.3
	02/264/2007	_ Date	500c 3c C0	1
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in te	STIMONY WHEREOF, I he	_	nd seal this day of	, 2007.
		Go	ordon S. Kino	
STATE OF	Ì			
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person whose is authorized cap	on S. Kino, personally known name is subscribed to the with	n to me (or proved to hin instrument, and ac	me on the basis of satisfactor knowledged to me that he exe the person, or the entity upon	y evidence) to be the cuted the same in his
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[SEAL]		No	otary Signature	
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	Michel J.F. Digor	nnet
Witnessed by:		
	Signature	Signature
<u></u>	Printed name	Printed name
	Residence address	Residence address
	Date	Date
IN TESTIMONY WHERE	DF, I hereunto set my hand and seal this 16	othdayof March ,2007 y S. Kino
STATE OF CALLOUNIE 1		
COUNTY OF Santz Clava	SS.	
On 1377 (12 110 20	007, before me, Annzi Uando	2.2' notary public nerconall'
appeared Gordon S. Kino, personally	known to me (or proved to me on the bas	is of satisfactory evidence) to be the
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person act to, exceeded the transfer	signature on the instrument the person, or	the entity upon benan or which the
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IN TESTIMONY WHERE COUNTY OF SANTA CLARACTERS	OF, I hereunto set my hand and seal this Olav-86 lgaard	Ocar 1
IN TESTIMONY WHEREO STATE OF California COUNTY OF Santa Clara On March 16 20	OF, I hereunto set my hand and seal this College of the County Notary Signature OF, I hereunto set my hand and seal this County Olav-Solgaard SS. O7, before me, Ana Llevior	notary public, personally
IN TESTIMONY WHERE COUNTY OF Santa County Of Santa Clara County Of Santa Clara 20 appeared Olav Solgaard, personally	OF, I hereunto set my hand and seal this Olav-86 lgaard	notary public, personally
IN TESTIMONY WHERE COUNTY OF Santa County Of Santa Clarz appeared Olav Solgaard, personally person whose name is subscribed to tauthorized capacity, and that by his	OF, I hereunto set my hand and seal this Olav-80 lgaard Ss. O7, before me, known to me (or proved to me on the basis he within instrument, and acknowledged to signature on the instrument the person, or	notary public, personally s of satisfactory evidence) to be the me that he executed the same in his
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PATENT REEL: 019179 FRAME: 0985

RECORDED: 04/17/2007