08-14-2002



FORM PTO-1595 (Modified)

Docket No.: CIT.PAU.08

EET

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (exp.5/31/2002) P08/REV03			Patent and Trademark Office
Tab settings → → ▼ FF1CFTo:	1021899	77 _•	▼ ▼
To the Honorable Commissioner of Pate	nts and Trademarks: f	Please record the attached original do	ocuments or copy thereof.
Name of conveying party(ies):		2. Name and address of receiving p	
Demetri Psaltis, Gregory J. Steckining Zi Theodore W. Haensch, John Hong, Mart	hiwer Liu, 1107 in Centurion	Name: California Institute of Te	chnology
	08/202	Internal Address:	
Additional names(s) of conveying party(ies)	☐ Yes ☒ No		
3. Nature of conveyance:			
⊠ Assignment □ M	Merger	Street Address: 1200 East Califo	rnia Boulevard
☐ Security Agreement ☐ 0	Change of Name		
☐ Other		City: Pasadena	State: <u>CA</u> ZIP: <u>91125</u>
Execution Date: 6/27/02, 7/23/02, 6/28/02,	7/11/02	Additional name(s) & address(es) attac	hed? 🔲 Yes 🗵 No
4. Application number(s) or patent numbers	s(s):		
If this document is being filed together w	vith a new application,	the execution date of the application	is:
A. Patent Application No.(s)		B. Patent No.(s)	
	10/163,039		
_	10/100,000		
Α.	dditional numbers attach	ned? 🔲 Yes 🗵 No	- ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
5. Name and address of party to whom cor concerning document should be mailed:		6. Total number of applications and	patents involved: 1
Name: Daniel L. Dawes		7. Total fee (37 CFR 3.41):	\$ 40.00
Internal Address: MYERS, DAWES & A	ANDRAS LLP	☑ Enclosed - Any excess or ins	
		credited or debited to deposit	account
		☐ Authorized to be charged to d	deposit account
Street Address: 19900 MacArthur Boul	evard	8. Deposit account number:	
Suite 1150		01-1960	
8/13/2002 DBYRNE 00000156 10163039 1 FC:5M: Irvine 40.06 texte	CA ZIP: 92612	(Attach duplicate copy of this page if page	aying by deposit account)
1 FCY581: 40.00 este		ISE THIS SPACE	
9. Statement and signature. To the best of my knowledge and belief, of the original document.			hed copy is a true copy
Daniel L. Dawes		and Tollawar	Aug. 5, 2002
Name of Person Signing		Signature 7	Date

CIT Case No. 3477, 3478, 3480

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Demetri Psaltis

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

Method and Apparatus for Holographic Recording of Fast Phenomena

and whic	h is found in			
(a)	U.S. provisional application filed herewith and listing the above named persons as inventors			
(p)	U.S. patent application filed h	erewith and listing the above name	d persons as	inventors
(c) <u>X</u>	U.S. application serial no.	10/163,039	filed on	June 5, 2002
(d)	U.S. Patent No.:		issued	
be obtain	ned for said invention by the on to 35 USC 111(a) or substit	above application or any continu	uation, divisio Imination or ex	and, in and to, all Letters Patent to n, continuation-in-part, extension, ktension of said Letters Patent and
ASSIGNO entered in	OR(S) hereby covenants that nto which would conflict with the	no assignment, sale, agreement is assignment;	or encumbra	nce has been or will be made or
and docuto ASSIG execute a for, obtain which ma	iments relating to said invention NOR and will testify as to the and deliver to ASSIGNEE or its in, maintain, issue or enforce say be necessary or desirable to recution of this assignment to its	on and said Letters Patent and legal same in any interference, litigation, s legal representative any and all plant aid application, said invention and o carry out the purposes thereof. A	al equivalents , or proceeding apers, instrum said Letters P ,n attorney of r	ed promptly with all pertinent facts as may be known and accessible g relating thereto and will promptly lents or affidavits required to apply latent and said equivalents thereof record is authorized and requested all number of said application when
		commissioner of Patents and Trade ereof to the ASSIGNEE, California I		e said Letters Patent of the United chnology.
executed	this	Signature	e of Inventor(s	
d	day of, 20 ⁰²	Demetri	Psalts	

CIT Case No. 3477, 3478, 3480

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Gregory J. Steckman

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

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	U.S. application serial no				
(d)	U.S. Patent No.:		, issued		
and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all under all International Conventions for the Protection of Industrial Property;					
ASSIGNO entered in	OR(S) hereby covenants that nto which would conflict with the	no assignment, sale, ag iis assignment;	greement or encumbra	ance has been or will be m	ade or
ASSIGNOR(S) further covenants that the ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.					
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, California Institute of Technology.					
executed	this		Signature of Inventor((s)	
27 d	ay of <u>June</u> , 20 <u>02</u>		Gregory J. Steckman		

CIT Case No. 3477, 3478, 3480

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Zhiwen Liu

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

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(b) U.S. patent application filed herewith and listing	the above named persons as inventors
(c) X U.S. application serial no. <u>10/163,039</u>	
(d) U.S. Patent No.:	, issued
be obtained for said invention by the above application	ding the right to claim priority and, in and to, all Letters Patent to n or any continuation, division, continuation-in-part, extension, ny reissue, reexamination or extension of said Letters Patent and Industrial Property;
ASSIGNOR(S) hereby covenants that no assignment, sentered into which would conflict with this assignment;	ale, agreement or encumbrance has been or will be made or
and documents relating to said invention and said Letters to ASSIGNOR and will testify as to the same in any interferexecute and deliver to ASSIGNEE or its legal representation, obtain, maintain, issue or enforce said application, sain which may be necessary or desirable to carry out the pure	I, upon its request, be provided promptly with all pertinent facts Patent and legal equivalents as may be known and accessible erence, litigation, or proceeding relating thereto and will promptly ve any and all papers, instruments or affidavits required to apply id invention and said Letters Patent and said equivalents thereof oses thereof. An attorney of record is authorized and requested proment the filing date and serial number of said application when
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Pa States and any reissue or extension thereof to the ASSIGI	atents and Trademarks to issue said Letters Patent of the United NEE, California Institute of Technology.
executed this	Signature of Inventor(s)
23 day of July , 2002	Zhiwen Liu

1 81

CIT Case No. 3477, 3478, 3480

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Theodore W. Haensch

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

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ASSIGNOR(S) hereby covenants that no assignment, sale, agreement entered into which would conflict with this assignment;	or encumbrance has been or will be made or		
ASSIGNOR(S) further covenants that the ASSIGNEE will, upon its reque and documents relating to said invention and said Letters Patent and leg to ASSIGNOR and will testify as to the same in any interference, litigation execute and deliver to ASSIGNEE or its legal representative any and all p for, obtain, maintain, issue or enforce said application, said invention and which may be necessary or desirable to carry out the purposes thereof. A by the execution of this assignment to insert into this assignment the filing officially known.	al equivalents as may be known and accessible, or proceeding relating thereto and will promptly apers, instruments or affidavits required to apply said Letters Patent and said equivalents thereof an attorney of record is authorized and requested		
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, California Institute of Technology.			
executed this Signatur	re of Inventor(s)		
27 day of Jime 2002	Then the		

Theodore W. Haensch

CIT Case No. 3477, 3478, 3480

and which is found in

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

John Hong

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

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ASSIGNO entered in	ASSIGNOR(S) hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;			
ASSIGNOR(S) further covenants that the ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.				
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States and any reissue or extension thereof to the ASSIGNEE, California Institute of Technology.				
executed	I this	Signature of Invento	or(s)	
	day of <u>Shire</u> , 20 cz	John Hong		

1 11

CIT Case No. 3477, 3478, 3480

and which is found in

RECORDED: 08/12/2002

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),

Martin Centurion

hereby sells, assigns and transfers to ASSIGNEE, California Institute of Technology, having its statewide administrative offices located at 1200 East California Boulevard, Pasadena, California 91125, and the successors, assigns and legal representatives of the ASSIGNEE, all of its rights, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled:

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and docu to ASSIG execute a for, obtai which ma	iments relating to said invention inventions. The same will testify as to the and deliver to ASSIGNEE or its in, maintain, issue or enforce say be necessary or desirable to ecution of this assignment to its invention of the sassignment.	on and said Letters Patent and leg same in any interference, litigation is legal representative any and all p laid application, said invention and o carry out the purposes thereof.	jal equivalents i, or proceedir papers, instrur I said Letters I An attorney of	ed promptly with all pertinent facts as may be known and accessible and relating thereto and will promptly ments or affidavits required to apply attent and said equivalents thereof record is authorized and requested ial number of said application when
AND the States ar	ASSIGNOR(S) requests the Cond any reissue or extension the	Commissioner of Patents and Tradereof to the ASSIGNEE, California	emarks to issi Institute of Te	ue said Letters Patent of the United chnology.
executed	l this	Signatu	re of Inventor(s)
	day of <u>july</u> , 20 <u>0</u> 2	Mun. Martin G	t Leturi Centurion	Ď-