504846175 03/30/2018

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4892912

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NIEN-HUI GE	03/29/2018
YUAN FENG	03/28/2018
ILYA VINOGRADOV	03/28/2018

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607-5200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15941510

CORRESPONDENCE DATA

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Address Line 4: IRVINE, CALIFORNIA 92618

ATTORNEY DOCKET NUMBER:	ER: 2017-592-2 (180-0158)	
NAME OF SUBMITTER:	MICHAEL SHIMOKAJI	
SIGNATURE:	/MICHAEL SHIMOKAJI/	
DATE SIGNED:	03/30/2018	

Total Attachments: 3

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PATENT 504846175 REEL: 045397 FRAME: 0038

ASSIGNMENT
U.C., Case No. 2017-592-2
For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S),
1. Nien-Hui Ge 2. Yuan Feng 3. Bya Vinogradov
hereby sells, assigns and transfers to ASSIGNEE, The Regents of the University of California, a California Corporation having its statewide administrative offices located 1111 Franklin Street, Twelfth Floor, Oakland, CA 94607-5200, and the successors, assigns and legal representatives of the ASSIGNEE all of its right, 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:
GENERAL NOISE SUPPRESSION SCHEME WITH REFERENCE DETECTION IN OPTICAL HETERODYNE SPECTROSCOPY
and which is found in
(a) U.S. provisional application filed herewith and listing the above named persons as inventors
(b) X U.S. patent application filed herewith and listing the above named persons as inventors
(c) U.S. application serial no, filed on
(d) U.S. Pateni 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 rights under all International Conventions for the Protection of Industrial Property;
ASSIGNOR(S) hereby agrees 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 agrees that 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, post grant review, inter partes review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or allidavits 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 ASSIGNOR(S) 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, The Regents of the University of California.
executed this Signature of Inventor(s) 29 day of
Signature of Inventor(s)
The Regents of the University of California. Executed this Signature of Inventor(s) And

Yuan Feng

PATENT REEL: 045397 FRAME: 0039

ASSIGNMENT

U.C. Case No. <u>2017-592-2</u>	
For good and valuable consideration, the receipt of which	is hereby acknowledged, ASSIGNOR(S).
 Nien-Hui Ge Yuan Feng Ilya Vinogradov 	
having its statewide administrative offices located 1111 F the successors, assigns and legal representatives of the AS	gents of the University of California, a California Corporation, Franklin Street, Twelfith Floor, Oakland, CA 94607-5200, and ISIGNEE all of its right, title and interest for the United States in and to, any and all improvements which are disclosed in the
	REFERENCE DETECTION IN OPTICAL HETERODYNE ROSCOPY
and which is found in	
(a) U.S. provisional application filed herewith an	d listing the above named persons as inventors
(b) X U.S. patent application filed herewith and list	ing the above named persons as inventors
(c) U.S. application serial no	, filed on
(d) U.S. Patent No.:	, issued
Patent to be obtained for said invention by the above a	policition of any continuation, division, continuation-in-part, and any reissue, reexamination or extension of said Letters or the Protection of Industrial Property:
ASSIGNOR(S) hereby agrees that no assignment, sale, aginto which would conflict with this assignment;	greement or encumbrance has been or will be made or entered
documents relating to said invention and said Letters Pat ASSIGNOR and will testify as to the same in any inter proceeding relating thereto and will promptly execute and papers, instruments or affidavits required to apply for, obt and said Letters Patent and said equivalents thereof whi	its request, be provided promptly with all pertinent facts and tent and legal equivalents as may be known and accessible to ference, post grant review, inter partes review, litigation, or dideliver to ASSIGNEE or its legal representative any and all tain, maintain, issue or enforce said application, said invention ich may be necessary or desirable to carry out the purposes ested by the execution of this assignment to insert into this ation when officially known.
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of United States and any reissue or extension thereof to the A	Patents and Trademarks to issue said Letters Patent of the SSIGNEE, The Regents of the University of California.
executed this	Signature of Inventor(s)
day of, 2018	Nien-Hui Ge
	Signature of Inventor(s)
12th day of March 2018	Yuan Feng Yuan Feng PATENT
	Yuan Feng PATENT

REEL: 045397 FRAME: 0040

28 day of March 2018	Signature of Inventor(s) Ilya Vinogradov	
Assignee hereby accepts this Assignment:		
Data		

PATENT REEL: 045397 FRAME: 0041

RECORDED: 03/30/2018