OP \$40,00 130957

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Samir Mitragotri	05/02/2013
Sumit Paliwal	04/16/2013
Makoto Ogura	04/17/2013

RECEIVING PARTY DATA

Name:	The Regents of the University of California
Street Address:	1111 Franklin Street
Internal Address:	12th Floor
City:	Oakland
State/Country:	CALIFORNIA
Postal Code:	94607-5200

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13095771

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	36308-00009	
NAME OF SUBMITTER:	Duncan H. Poirier	
Signature:	/Duncan H. Poirier/	

502334883 REEL: 030347 FRAME: 0575

Date:	05/03/2013
Total Attachments: 3 source=13095771#page1.tif source=13095771#page2.tif source=13095771#page3.tif	

PATENT REEL: 030347 FRAME: 0576

ASSIGNMENT

H.C.	Case No	2009-490-4
	7.44DV . 11.	60 C C C

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

- Samir Mitragotri;
- 2. Sumit Paliwal; and
- Makoto Ogura

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:

and	which is	found in			
(a)		J.S. provisional application fil	ed herewith and listin	ng the above nan	ned persons as inventors
(b)		J.S. patent application filed he	rewith and listing the	e above named p	ersons as inventors
(c)	<u> </u>	J.S. application serial no	13/095,771	, filed on	April 27, 2011
(d)		J.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 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 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 remediad by the manual

assignment the filing date and serial number of said applie	cation when officially known.
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of United States and any reissue or extension thereof to the	of Patents and Trademarks to issue said Letters Patent of the ASSIGNEE, The Regents of the University of California.
executed this 2 nd day of	Signature of Inventor(s) Samir Mitragoti
day of, 20	Sumit Paliwal PATENT
	Makoto OguraREEL: 030347 FRAME: 0577

ASSIGNMENT

U.C. Case No. <u>2009-490-4</u>	
For good and valuable consideration, the receipt of which is her	reby acknowledged, ASSIGNOR(S),
 Samir Mitragotri; Sumit Paliwal; and Makoto Ogura 	
hereby sells, assigns and transfers to ASSIGNEE, The Regents having its statewide administrative offices located 1111 Frank the successors, assigns and legal representatives of the ASSIGN and its territorial possessions and in all foreign countries in and invention entitled:	lin Street, Twelfth Floor, Oakland, CA 94607-5200, and NEE all of its right, title and interest for the United States
and which is found in	
(a) U.S. provisional application filed herewith and list	ing the above named persons as inventors
(b) U.S. patent application filed herewith and listing the	ne above named persons as inventors
(c) X U.S. application serial no. 13/095,771	, filed on April 27, 2011
(d) U.S. Patent No.:	, issued
and any legal equivalent thereof in a foreign country, including Patent to be obtained for said invention by the above application, conversion to 35 USC 111(a) or substitute thereof, a Patent and all rights under all International Conventions for the	ation or any continuation, division, continuation-in-part nd any reissue, reexamination or extension of said Letters
ASSIGNOR(S) hereby agrees that no assignment, sale, agreem into which would conflict with this assignment;	nent or encumbrance has been or will be made or entered
ASSIGNOR(S) further agrees that ASSIGNEE will, upon its r documents relating to said invention and said Letters Patent a ASSIGNOR and will testify as to the same in any interferer proceeding relating thereto and will promptly execute and deli papers, instruments or affidavits required to apply for, obtain, and said Letters Patent and said equivalents thereof which n thereof. An attorney of record is authorized and requested assignment the filing date and serial number of said application	nd legal equivalents as may be known and accessible to nce, post grant review, inter partes review, litigation, or iver to ASSIGNEE or its legal representative any and al maintain, issue or enforce said application, said inventior may be necessary or desirable to carry out the purposes by the execution of this assignment to insert into this
AND the <u>ASSIGNOR(S)</u> requests the Commissioner of Pate United States and any reissue or extension thereof to the ASSIC	
executed this	Signature of Inventor(s)
day of	Samir Mitragoti
day of, 20	Councit Dalinal
17 day of April , 20 13	Makoto Ogura

PATENT REEL: 030347 FRAME: 0578

ASSIGNMENT

UC Case	Nr. 2004004				
For good and valuable consideration the recopt of which is hereby acknowledged, ASSIGNORES).					
Samir Minagores Surre Palewal and Maken Ogua					
having as s the success	increase administrative of us, accient and legal terre terral processions and in al	ices beared 1111 Frank containes of the ASSIG	din Sirces, Twelfill NGC all of its right	of California, a California Corporation. Floor, Oukland, CA 91607-5300, and title and interest for the United States processors which are disclosed in the	
and which i	s found in				
(4)	U.S. provisional application	m filed berewith and lis	ing the above name	d persons as inventors	
(b)	U.S. patent application fil	ed here with and disting t	ne above named per	sons as inventors	
(e) <u>"X</u>	U.S. application sensition	13495,771	filed on	April 27, 2011	
(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 each invention by the above applications or any communition, division, continuation-in-part, extension, conversion to 35 USC 111(a) or substitute thereof, and any reissue, recommunition or extension of said Letters Patent and all rights under all international Conventions for the Protection of Industrial Property.					
	(§) hereby agrees that no would conflict with this assi		nent or encumbrane	e has been or will be made or entered	
ASSIGNOR(S) further agrees that ASSIGNEE will, upon its request, he 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 puries review, litigation, or proceeding relating thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or officiality 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 attenticy of record is authorized and requested by the execution of this assignment to insert into this assignment the filling date and sertal number of said application when officially known.					
AND the <u>ASSIGNOR(8)</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. The Regents of the University of California.					
executed this Signature of Inventor(s)					
day of		20			
	April — April —	,20 B	Sapar Mittagoti Alipa (F.) Sarar Panasa	Inhust.	
day of		.20	Makoro Ogura		

RECORDED: 05/03/2013

PATENT REEL: 030347 FRAME: 0579