PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAOGUANG TIAN	02/12/2014
TERESA SHOCK	02/11/2014
N. LOUISE GLASS	02/11/2014
SAMUEL CORADETTI	02/11/2014
JAMES CRAIG	02/11/2014

RECEIVING PARTY DATA

Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET, 12TH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607-5200

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14233735	

CORRESPONDENCE DATA

Fax Number: (415)268-7522

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: (415) 268-7000
Email: cbrown@mofo.com
Correspondent Name: MICHAEL R. WARD

Address Line 1: MORRISON & FOERSTER LLP

Address Line 2: 425 MARKET STREET

Address Line 4: SAN FRANCISCO, CALIFORNIA 94105

ATTORNEY DOCKET NUMBER:	677792002100
NAME OF SUBMITTER:	MICHAEL R. WARD
SIGNATURE:	/Michael R. Ward/
DATE SIGNED:	04/03/2014

Total Attachments: 6

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PATENT REEL: 032599 FRAME: 0653

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PATENT REEL: 032599 FRAME: 0654

ASSIGNMENT

U.C. Case No. BK-2011-184-1 US

For good and valuable consideration, including royalties as stated in the UC Policy effective October 1, 1997, the receipt of which is hereby acknowledged, ASSIGNORS,

- 1. Chaoguang TIAN
 Tianjin, People's Republic of China
- 2. Teresa SHOCK San Francisco, California
- 3. N. Louise GLASS Berkeley, California
- 4. Samuel CORADETTI Berkeley, California
- 5. James CRAIG Berkeley, California

hereby sell, assign, and transfer to ASSIGNEE, The Regents of the University of California, a California Corporation, having its statewide administrative offices located at 1111 Franklin Street, 12th 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 UCB Case No. BK-2011-184-1 US.

or whic	h is fou	nd in			
(a) entitled		U.S. provisional application	on filed herewith and listing	the above named persons	as inventors
(b) named p	X persons	U.S. patent application No as inventors entitled TRANS	14/233,735 filed (II	nt'l.) July 23, 2012 and list R CELLULOSIC ENZYM	ing the above IE PRODUCTION
(c)		U.S. application serial no.	, filed on	entitled	
(d)		U.S. Patent No.:	, issued		
and any	legal e	quivalent thereof in a foreign	country, including the right	t to claim priority and, in a	and to, all Letters

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;

Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

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

ASSIGNOR(S) further covenants 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, 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

Attorney Bucket No.: 677792602190

thereof. An attorney of record is sutherized and requested by the execution of this assignment to insert into this assignment the titing date and serial number of said application when officially known.

AMD the <u>ASSIGNORIS</u>) requests the Commissioner of Patents and Trademarks to usuc said Letters Patent of the United States and any reason in extension thereof to the ASSIGNEE, The Begans of the University of California

executed this	Signature of inscinings
Onte: <u>2014 - 2 - 12 -</u>	Charginal FILAN
executed this	Signature of investor(s)
Date:	Tetrsa SUCCX
executed this	Signature of inventor(s)
Date:	N Louise OY,ASS
expensed this	Signature of Inventor(s)
Date:	Samuel COPASETTI
expensed this	Signature of Inventor(*)
Date:	Former CWA KV

s63380951

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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, The Regents of the University of California.

executed this	Signature of Inventor(s)
Date:	
ale di Salah Baran da Maria da Kabupatèn Baran da Kabupatèn Baran da Kabupatèn Baran da Kabupatèn Baran da Kab Manada da Kabupatèn Baran da Kabup	Chaoguang TIAN
executed this	Signature of Inventor(s)
Date: 2/11/14	BU.
사용 사용 사용 기계 시간 기계	Teresa SHOCK
executed this	Signature of Inventor(s)
Date:	
당한 말하지만 하는 말이 살아왔다.	N. Louise GLASS
executed this	Signature of Inventor(s)
Date:	Samuel CORADETTI
	Samuer Corade.
executed this	Signature of Inventor(s)
Date:	4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -
	James CRAIG

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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;

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Date:	Chaoguang TIAN
executed this	Signature of Inventor(s)
Date:	Teresa SHOCK
executed this Date: 02/11 / 2014	Signature of Inventor(s) N. Louise GLASS
executed this Date: 2/11/2014	Signature of Inventor(s) Samuel CORADETTI
executed this Date: 2/11/2014	Signature of Inventor(s) James CRAIG