

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jay Keasling	03/08/2002
Vincent Martin	03/08/2002
Douglas Pitera	03/08/2002
Seon-Won Kim	03/05/2002
Sydnor T. Withers II	03/08/2002
Yasuo Yoshikuni	03/08/2002
Jack Newman	03/08/2002
Artem Valentinovich Khlebnikov	01/29/2007

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13027517

CORRESPONDENCE DATA

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Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Email: hall@bozpat.com

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PATENT
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OP \$40.00 13027517

Address Line 4: East Palo Alto, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER:

BERK-036CON4

NAME OF SUBMITTER:

Paula A. Borden

Total Attachments: 4

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ASSIGNMENTU.C. Case No. B02-016

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

- | | |
|---------------------------------|--|
| 1. <u>Jay Keasling</u> | 2. <u>Vincent Martin</u> |
| 3. <u>Douglas Pitera</u> | 4. <u>Seon-Won Kim</u> |
| 5. <u>Sydnor T. Withers III</u> | 6. <u>Yasuo Yoshikuni</u> |
| 7. <u>Jack Newman</u> | 8. <u>Artem Valentinovich Khlebnikov</u> |

hereby sells, assigns and transfers 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, California 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. B02-016 entitled:

BIOSYNTHESIS OF ISOPENTENYL PYROPHOSPHATE

or which is found in

- (a) _____ U.S. provisional application filed herewith and listing the above named persons as inventors
- (b) _____ U.S. patent application filed herewith and listing the above named persons as inventors
- (c) X U.S. application serial no. 10/006,909, filed on December 6, 2001
- (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 rights under all International Conventions for the Protection of Industrial Property;

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 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 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)

8th day of March, 2002 Jay D Kearsling
Jay Kearsling

8TH day of March, 2002 Vincent Martin
Vincent Martin

8th day of March, 2002 Douglas Pitera
Douglas Pitera

____ day of _____, 20____
8th day of March, 2002 Seon-Won Kiam
Seon-Won Kiam

8th day of March, 2002 Sydnor T. Withers III
Sydnor T. Withers III

8th day of March, 2002 吉岡 靖雄
Yasuo Yoshikuni

8th day of March, 2002 Jack Newman
Jack Newman

____ day of _____, 20____
Artem Valentinovich Khlebnikov

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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)

_____ day of _____, 20____
Jay Keasling

_____ day of _____, 20____
Vincent Martin

_____ day of _____, 20____
Douglas Eitera

Fifth day of March, 2002

Seon-Won Kim

_____ day of _____, 20____
Sydnor T. Withers III

_____ day of _____, 20____
Yasuo Yoshikuni

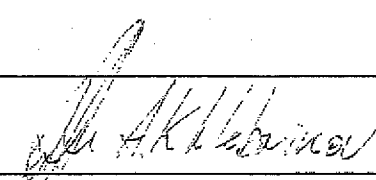
_____ day of _____, 20____
Jack Newman

_____ day of _____, 20____
Artem Valentinovich Khlebnikov

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AND the ASSIGNOR(S) request(s) 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)

- 1) _____ day of _____, 2007 _____ Jay D. KEASLING
- 2) _____ day of _____, 2007 _____ Vincent J.J. MARTIN
- 3) _____ day of _____, 2007 _____ Douglas J. PITERA
- 4) _____ day of _____, 2007 _____ Seon-Won KIM
- 5) _____ day of _____, 2007 _____ Sydnor T. WITHERS III
- 6) _____ day of _____, 2007 _____ Yasuo YOSHIKUNI
- 7) _____ day of _____, 2007 _____ Jack NEWMAN
- 8) 29 day of January, 2007  Artem Valentinovich KHLEBNIKOV