

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT2928489

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AKITO CHINEN	05/27/2014
HIROSHI IZUI	06/23/2014
YOSHIHIKO HARA	05/27/2014
HISASHI YASUEDA	05/28/2014
KONSTANTIN VYACHESLAVOVICH RYBAK	05/27/2014
EKATERINA ALEKSANDROVNA SLIVINSKAYA	05/27/2014
JOANNA YOSIFOVNA KATASHKINA	05/27/2014
RECEIVING PARTY DATA	
Name:	AJINOMOTO CO., INC.
Street Address:	15-1, KYOBASHI 1-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	104-8315
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14268110
CORRESPONDENCE DATA	
Fax Number:	(703)717-9392
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	703 717 9350
Email:	cgoode@cermaknakajima.com
Correspondent Name:	SHELLY GUEST CERMAK
Address Line 1:	127 S. PEYTON STREET
Address Line 2:	SUITE 210
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	US-176C2
NAME OF SUBMITTER:	CHRISTOPHER GOODE
SIGNATURE:	/Christopher Goode/
DATE SIGNED:	07/08/2014

PATENT

Total Attachments: 12

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Att'y Ref. No.:

**COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR
DESIGN PATENT APPLICATION
(JOINT)**

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

THE USE OF PHOSPHOKETOLASE FOR PRODUCING USEFUL METABOLITES

which (check only one item below):

- is attached hereto and/or is deposited in the United States Patent and Trademark Office on even date herewith.
- was filed as United States Patent application Number 14/268,110 on May 2, 2014 and was amended on _____ (if applicable).
- was filed as PCT International application Number _____ on _____ and was amended on _____ (if applicable).

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor (if only one name is listed below) or an original joint inventor (if plural names are listed below) of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine, or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

THIS ASSIGNMENT, by Yury Ivanovich KOZLOV, Akito CHINEN, Hiroshi IZUI, Yoshihiko HARA, Hisashi YASUEDA, Konstantin Vyacheslavovich RYBAK, Ekaterina Aleksandrovna SLIVINSKAYA, and Joanna Yosifovna KATASHKINA, (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in an application for Letters Patent of the United States identified above,

WHEREAS, Ajinomoto Co., Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

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NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby authorize and request the attorneys of Cermak Nakajima LLP, of Alexandria, Virginia, to insert in the spaces provided above the filing date, application number, and attorney's docket number of said application when known.

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

DATE _____ SIGNATURE OF FIRST INVENTOR _____
YURY IVANOVICH KOZLOV

DATE 2014/5/27 SIGNATURE OF SECOND INVENTOR  _____
AKITO CHINEN

DATE _____ SIGNATURE OF THIRD INVENTOR _____
HIROSHI IZUI

Att'y Ref. No.:

DATE _____ SIGNATURE OF FOURTH INVENTOR _____
YOSHIHIKO HARA

DATE _____ SIGNATURE OF FIFTH INVENTOR _____
HISASHI YASUEDA

DATE _____ SIGNATURE OF SIXTH INVENTOR _____
KONSTANTIN VYACHESLAVOVICH
RYBAK

DATE _____ SIGNATURE OF SEVENTH INVENTOR _____
EKATERINA ALEKSANDROVNA
SLIVINSKAYA

DATE _____ SIGNATURE OF EIGHTH INVENTOR _____
JOANNA YOSIFOVNA KATASHKINA

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(JOINT)**

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WHEREAS, Ajinomoto Co., Inc., a corporation duly organized under and pursuant to the laws of Japan and having a principal place of business at 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

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AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

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DATE _____ SIGNATURE OF FIRST INVENTOR

YURY IVANOVICH KOZLOV

DATE _____ SIGNATURE OF SECOND INVENTOR

AKITO CHINEN

DATE 06/23/2014 SIGNATURE OF THIRD INVENTOR

HIROSHI IZUI

Att'y Ref. No.:

DATE _____ SIGNATURE OF FOURTH INVENTOR _____
YOSHIHIKO HARA

DATE _____ SIGNATURE OF FIFTH INVENTOR _____
HISASHI YASUEDA

DATE _____ SIGNATURE OF SIXTH INVENTOR _____
KONSTANTIN VYACHESLAVOVICH
RYBAK

DATE _____ SIGNATURE OF SEVENTH INVENTOR _____
EKATERINA ALEKSANDROVNA
SLIVINSKAYA

DATE _____ SIGNATURE OF EIGHTH INVENTOR _____
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DATE _____ SIGNATURE OF SECOND INVENTOR _____
AKITO CHINEN

DATE _____ SIGNATURE OF THIRD INVENTOR _____
HIROSHI IZUI

Att'y Ref. No.:

DATE 2014/5/27 SIGNATURE OF FOURTH INVENTOR Yoshihiko Hara.
YOSHIHIKO HARA

DATE 2014/5/28 SIGNATURE OF FIFTH INVENTOR Hisashi Yasueda
HISASHI YASUEDA

DATE _____ SIGNATURE OF SIXTH INVENTOR _____
KONSTANTIN VYACHESLAVOVICH
RYBAK

DATE _____ SIGNATURE OF SEVENTH INVENTOR _____
EKATERINA ALEKSANDROVNA
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RYBAK

DATE 27.05.14 SIGNATURE OF SEVENTH INVENTOR _____
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