

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
CONVEYING PARTY DATA																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yury Ivanovich Kozlov</td> <td>09/20/2005</td> </tr> <tr> <td>Akito Chinen</td> <td>09/30/2005</td> </tr> <tr> <td>Hiroshi Izui</td> <td>09/30/2005</td> </tr> <tr> <td>Yoshihiko Hara</td> <td>09/30/2005</td> </tr> <tr> <td>Hisashi Yasueda</td> <td>09/30/2005</td> </tr> <tr> <td>Konstantin Vyacheslavovich Rybak</td> <td>09/20/2005</td> </tr> <tr> <td>Ekaterina Aleksandrovna Slivinskaya</td> <td>09/20/2005</td> </tr> <tr> <td>Joanna Yosifovna Katashkina</td> <td>09/20/2005</td> </tr> </tbody> </table>		Name	Execution Date	Yury Ivanovich Kozlov	09/20/2005	Akito Chinen	09/30/2005	Hiroshi Izui	09/30/2005	Yoshihiko Hara	09/30/2005	Hisashi Yasueda	09/30/2005	Konstantin Vyacheslavovich Rybak	09/20/2005	Ekaterina Aleksandrovna Slivinskaya	09/20/2005	Joanna Yosifovna Katashkina	09/20/2005
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Joanna Yosifovna Katashkina	09/20/2005																		
RECEIVING PARTY DATA																			
Name:	Ajinomoto Co., Inc.																		
Street Address:	15-1, Kyobashi 1-chome																		
City:	Chuo-ku, Tokyo																		
State/Country:	JAPAN																		
Postal Code:	104-0031																		
PROPERTY NUMBERS Total: 1																			
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11200296</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11200296														
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CORRESPONDENCE DATA																			
Fax Number:	(703)652-5101																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
Phone:	703-778-6608																		
Email:	CGoode@cermak-kenealy.com																		
Correspondent Name:	Shelly Guest Cermak																		
Address Line 1:	515-B E. Braddock Road																		
Address Line 4:	Alexandria, VIRGINIA 22314																		

OP \$40.00 11200296

ATTORNEY DOCKET NUMBER:

US-176

NAME OF SUBMITTER:

Shelly Guest Cermak

Total Attachments: 2

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source=US-176 Assignment#page2.tif

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned,

Yury Ivanovich KOZLOV, Akito CHINEN, Hiroshi IZUI, Yoshihiko HARA, Hisashi YASUEDA, Konstantin Vyacheslavovich RYBAK, Ekaterina Aleksandrovna SLIVINSKAYA and Joanna Yosifovna KATASHKINA, the undersigned, hereby sell(s) and assign(s) to Ajinomoto Co., Inc. of 15-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8315 Japan

(the Assignee) his/her entire right, title and interest

check applicable box(es) for the United States of America (as defined in 35 U.S.C. § 100),
 and throughout the world

in the invention(s) known as THE USE OF PHOSPHOKETOLASE FOR PRODUCING USEFUL METABOLITES for which application(s) for patent in the United States of America has (have) been executed by the undersigned on (also known as United States Application No. 11/200,296, filed August 10, 2005), in any and all applications thereon in any and all Letters Patent(s) therefor, and in any and all non-provisional applications, reissues, extensions, renewals, reexaminations, divisions, and continuations of such applications or Letters Patent(s) to the full end of the term or terms for which such Letters patent(s) issue, such entire right, title, and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the undersigned had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) and any continuing, divisional, reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

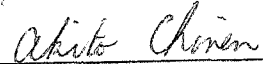
The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning the application(s) or any continuation, division, reissue or reexamination thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned hereby covenant(s) that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict therewith.

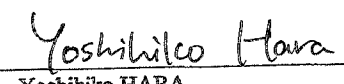
The undersigned hereby grant(s) Shelly Guest Cermak, Registration No. 39,571 of Cermak & Kenealy LLP, 515 East Braddock Road, Suite B, Alexandria, VA 22314, PTO Customer Number 000038108, power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.


IN WITNESS WHEREOF, executed by the undersigned on the date(s) opposite the undersigned name(s).


Date: 20.09.2005 Signature of Inventor: 
Yury Ivanovich KOZLOV

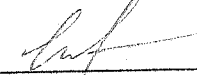
Date: 30.09.2005 Signature of Inventor: 
Akito CHINEN


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Hiroshi IZUI

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Konstantin Vyacheslavovich RYBAK

Date: 20.09.05 Signature of Inventor: 
Ekaterina Aleksandrovna SLIVINSKAYA

Date: 22.09.2005 Signature of Inventor: 
Joanna Yosifovna KATASHKINA