

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 style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mikiro HAYASHI</td> <td>10/01/2009</td> </tr> <tr> <td>Kazuhiko TABATA</td> <td>10/01/2009</td> </tr> <tr> <td>Makoto YAGASAKI</td> <td>10/01/2009</td> </tr> <tr> <td>Yoshiyuki YONETANI</td> <td>10/01/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mikiro HAYASHI	10/01/2009	Kazuhiko TABATA	10/01/2009	Makoto YAGASAKI	10/01/2009	Yoshiyuki YONETANI	10/01/2009		
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CORRESPONDENCE DATA													
<p>Fax Number: (312)616-5700 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 312-616-5600 Email: assignments@leydig.com Correspondent Name: LEYDIG VOIT & MAYER, LTD Address Line 1: TWO PRUDENTIAL PLAZA, SUITE 4900 Address Line 2: 180 NORTH STETSON AVENUE Address Line 4: CHICAGO, ILLINOIS 60601-6731</p>													
ATTORNEY DOCKET NUMBER:	705524												
NAME OF SUBMITTER:	John Kilyk, Jr.												

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PATENT
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Total Attachments: 3

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PATENT
Attorney Docket No. 705524
Client Reference No. 202118

Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6731

ASSIGNMENT

WHEREAS, WE, Mikiro HAYASHI and Kazuhiko TABATA of c/o Bioprocess Development Center, KYOWA HAKKO BIO CO., LTD., 2, Miyukigaoka, Tsukuba-shi, Ibaraki 305-0841 Japan, Makoto YAGASAKI of c/o Technical Research Laboratories, KYOWA HAKKO BIO CO., LTD., 1-1, Kyowa-cho, Hofu-shi, Yamaguchi 747-8522 Japan and Yoshiyuki YONETANI of c/o Head Office, KYOWA HAKKO BIO CO., LTD., 1-6-1, Ohtemachi, Chiyoda-ku, Tokyo 100-8185 Japan, have invented and own a certain invention entitled:

METHOD FOR PRODUCING DIPEPTIDE

for which invention we have executed an application (provisional or non-provisional) for a United States patent, which was filed on October 6, 2009 , under Application No. 12/594,903 , and

WHEREAS, KYOWA HAKKO BIO CO., LTD., of 1-6-1, Ohtemachi, Chiyoda-ku, Tokyo 100-8185 Japan (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title, and interest in and under the invention described in the patent application.

NOW, THEREFORE, for good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, we assign and transfer to the Assignee and the Assignee's legal representatives, successors and assigns the full and exclusive rights in and to the invention in the United States and the entire right, title, and interest in and to the patent application and other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, and reexaminations) that may be filed in the United States on the invention, and the patents or extensions thereof that may issue thereon, and we do hereby authorize and request the Commissioner for Patents to issue United States patents to the above-mentioned Assignee agreeably with the terms of this assignment document.

WE HEREBY AUTHORIZE the Assignee to insert in this assignment document the filing date and application number of the application if the date and number are unavailable at the time this document is executed.

WE DO HEREBY COVENANT and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with the terms of this assignment document set forth herein, and that we will at any time upon request, without further or additional

consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, continuation, continuation-in-part, divisional, reissued, or reexamined patents of the United States on the invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, and by executing statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, we have hereunder set our hands on the dates shown below.

Date	<u>October 1, 2009</u>	<u>Mikiro Hayashi</u> Mikiro HAYASHI
Date	<u>October 1, 2009</u>	<u>Tsuney Nishino</u> Witness Tsuneyo NISHINO
Date	<u>October 1, 2009</u>	<u>Hajime Ikeda</u> Witness Hajime IKEDA

Date	<u>October 1, 2009</u>	<u>Kazuhiko Tabata</u> Kazuhiko TABATA
Date	<u>October 1, 2009</u>	<u>Tsuneyo Nishino</u> Witness Tsuneyo NISHINO
Date	<u>October 1, 2009</u>	<u>Hajime Ikeda</u> Witness Hajime IKEDA

Date	<u>October 1, 2009</u>	<u>Makoto Yagasaki</u> Makoto YAGASAKI
Date	<u>October 1, 2009</u>	<u>Koichiro Miyako</u> Witness Koichiro MIYAKO
Date	<u>October 1, 2009</u>	<u>Mitsutaka Kino</u> Witness Mitsutaka KINO

In re Appln. of Hayashi et al.
Attorney Docket No. 705524

Date October 1, 2009

Yoshiyuki Yonetani
Yoshiyuki YONETANI

Date October 1, 2009

Shin-ichi Hashimoto
Witness Shin-ichi HASHIMOTO

Date October 1, 2009

Hiroaki Motoyama
Witness Hiroaki MOTOYAMA

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