

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>Seiji TAKESHIMA</td> <td>05/26/2006</td> </tr> <tr> <td>Tadanobu MATSUMURA</td> <td>05/26/2006</td> </tr> <tr> <td>Takahide KISHIMOTO</td> <td>05/26/2006</td> </tr> <tr> <td>Masanori OKA</td> <td>05/26/2006</td> </tr> <tr> <td>Noriaki HIRAYAMA</td> <td>05/26/2006</td> </tr> </tbody> </table>		Name	Execution Date	Seiji TAKESHIMA	05/26/2006	Tadanobu MATSUMURA	05/26/2006	Takahide KISHIMOTO	05/26/2006	Masanori OKA	05/26/2006	Noriaki HIRAYAMA	05/26/2006
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Noriaki HIRAYAMA	05/26/2006												
RECEIVING PARTY DATA													
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Internal Address:	Kita-ku												
City:	Osaka-shi												
State/Country:	JAPAN												
Postal Code:	530-8230												
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>10570904</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10570904								
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CORRESPONDENCE DATA													
Fax Number:	(312)616-5700												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 4:	Chicago, ILLINOIS 60601-6731												
ATTORNEY DOCKET NUMBER:	251134												

CH \$40.00 10570904

NAME OF SUBMITTER:

John Kilyk, Jr.

Total Attachments: 3

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ASSIGNMENT

WHEREAS, WE, 1) TAKESHIMA Seiji, 2) MATSUMURA Tadanobu,
3) KISHIMOTO Takahide, 4) OKA Masanori, and 5) HIRAYAMA Noriaki,
of See the Attaced Sheet

respectively, have invented and own a certain invention entitled:

MODIFIED PYRROLOQUINOLINE QUINONE(PQQ) DEPENDENT GLUCOSE DEHYDROGENASE
EXCELLENT IN SUBSTRATE SPECIFICITY

for which invention we have executed an application (provisional or non-provisional) for a
United States patent, which was filed on March 7, 2006, under Serial No.
10/570904, and

WHEREAS, TOYO BOSEKI KABUSHIKI KAISHA,
of 2-8, DojimaHama 2-Chome, Kita-ku, Osaka-shi, Osaka 5308230, Japan
(hereinafter referred to as Assignee), is desirous of acquiring the entire domestic and foreign
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 every foreign country 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, renewals, and
extensions) that may be filed in the United States and every foreign country on the invention,
and the patents or extensions thereof, both foreign and domestic, that may issue thereon, and we
do hereby authorize and request the Commissioner of Patents and Trademarks 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 serial number of the application if the date and number are unavailable at the time this
document is executed.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in countries foreign to the United States and to claim under the International Convention and/or other international arrangement for any such application the date of the United States application (or any other application on the invention) to gain priority with respect to other applications.

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, renewal, or extended patents of the United States or of any and all foreign countries 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 May 26, 2006

Seiji Takeshima
TAKESHIMA Seiji

Date May 26, 2006

Witness [Signature]

Date May 26, 2006

Witness M. Swamete

Date May 26, 2006

T. Matsumura
MATSUMURA Tadanobu

Date May 26, 2006

Witness [Signature]

Date May 26, 2006

Witness M. Swamoto

Date May 26, 2006

Takahide Kishimoto
KISHIMOTO Takahide

Date May 26, 2006

Witness [Signature]

Date May 26, 2006

Witness M. Swamoto

Date May 26, 2006

M. Oka
OKA Masanori

Date May 26, 2006

Witness [Signature]

Date May 26, 2006

Witness M. Swamoto

Date May 26, 2006

Noriaki Hirayama
HIRAYAMA Noriaki

Date May 26, 2006

Witness [Signature]

Date May 26, 2006

Witness M. Swamoto