

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>Tokuzo ARAO</td> <td>04/15/2010</td> </tr> <tr> <td>Kanae KUDO</td> <td>04/15/2010</td> </tr> <tr> <td>Kazuhiko NAKAGAWA</td> <td>04/16/2010</td> </tr> <tr> <td>Kazuto NISHIO</td> <td>04/15/2010</td> </tr> </tbody> </table>		Name	Execution Date	Tokuzo ARAO	04/15/2010	Kanae KUDO	04/15/2010	Kazuhiko NAKAGAWA	04/16/2010	Kazuto NISHIO	04/15/2010
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Boehringer Ingelheim International GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Binger Strasse 173</td> </tr> <tr> <td>City:</td> <td>Ingelheim am Rhein</td> </tr> <tr> <td>State/Country:</td> <td>GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>55216</td> </tr> </table>		Name:	Boehringer Ingelheim International GmbH	Street Address:	Binger Strasse 173	City:	Ingelheim am Rhein	State/Country:	GERMANY	Postal Code:	55216
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PROPERTY NUMBERS Total: 1											
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Application Number:	12720663										
CORRESPONDENCE DATA											
<p>Fax Number: (203)798-4408 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 203-798-5285</p> <p>Email: alison.montuoro@boehringer-ingelheim.com</p> <p>Correspondent Name: MICHAEL P. MORRIS BOEHRINGER INGELHEIM U</p> <p>Address Line 1: 900 RIDGEBURY ROAD</p> <p>Address Line 2: P. O. BOX 368</p> <p>Address Line 4: RIDGEFIELD, CONNECTICUT 06877-0368</p>											
ATTORNEY DOCKET NUMBER:	01-2501										
NAME OF SUBMITTER:	Alan R Stempel										
Total Attachments: 3											

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PATENT
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned ("the Assignors"):

Application Authority Type	Inventor
Primary Citizenship Country	Japan
Status	Full Capacity
Given Name	Tokuzo
Family Name	ARAO
City of Residence	Osaka
Country of Residence	Japan
Street of mailing address	377-2 Ohno-Higashi
City of mailing address	Osaka-Sayama
Country of mailing address	Japan
Postal or Zip Code of mailing address	589-8511

Application Authority Type	Inventor
Primary Citizenship Country	Japan
Status	Full Capacity
Given Name	Kanae
Family Name	KUDO
City of Residence	Osaka
Country of Residence	Japan
Street of mailing address	377-2 Ohno-Higashi
City of mailing address	Osaka-Sayama
Country of mailing address	Japan
Postal or Zip Code of mailing address	589-8511

Application Authority Type	Inventor
Primary Citizenship Country	Japan
Status	Full Capacity
Given Name	Kazuhiko
Family Name	NAKAGAWA
City of Residence	Osaka-Sayama
Country of Residence	Japan
Street of mailing address	377-2 Ohno-Higashi
City of mailing address	Osaka-Sayama
Country of mailing address	Japan
Postal or Zip Code of mailing address	589-8511

Application Authority Type	Inventor
Primary Citizenship Country	Japan
Status	Full Capacity
Given Name	Kazuto
Family Name	NISHIO
City of Residence	Osaka
Country of Residence	Japan

Street of mailing address	377-2 Ohno-Higashi
City of mailing address	Osaka-Sayama
Country of mailing address	Japan
Postal or Zip Code of mailing address	589-8511

hereby sell, assign and transfer to Boehringer Ingelheim International GmbH, a corporation of the Federal Republic of Germany, having a place of business at Binger Strasse 173, 55216 Ingelheim am Rhein, Fed. Republic of Germany, its successors, assigns and legal representatives (collectively "the Assignee"), our entire right, title and interest, including all rights of priority, in and to the application for United States Letters Patent which is entitled:

METHOD OR SYSTEM USING BIOMARKERS FOR THE
MONITORING OF A TREATMENT
("the Application")

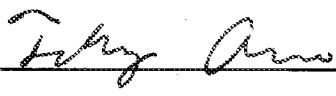
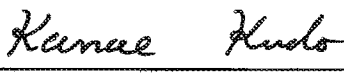


which

- ☐ was executed by the Assignors on
- ☒ was deposited with the United States Patent and Trademark Office on March 9, 2010, and accorded Serial No.: 12/720,663

and any and all improvements which are disclosed in the Application ("the Improvements") and all provisional, divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States or any other country on any of the Improvements, and in and to all original and reissued patents which have been or shall be issued in the United States or any other country on the Improvements;

Agree that the Assignee may apply for and receive Letters Patent for the Improvements in its own name or in Assignors' names, and that, when requested, without charge to but at the expense of the Assignee to carry out in good faith the intent and purpose of this assignment, the Assignors will execute all provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all of the Improvements, execute all rightful oaths, assignments, powers of attorney, and other papers, communicate to the Assignee all facts known to the Assignors relating to the Improvements and the history thereof, participate and assist in any judicial or administrative proceedings concerning the Improvements, and generally do everything possible which the Assignee considers desirable for aiding in securing and maintaining proper patent protection for the improvements and for vesting title to the Improvements and all applications for patents and all patents on the Improvements in the Assignee; and

Covenant with the Assignee that no assignment, grant, mortgage, license, or other agreement affecting the rights and property in the Improvements herein conveyed has been made to others by the Assignors, and that full right to convey the same as herein expressed is possessed by the Assignors.

SIGNATURE OF APPLICANT	DATE
Tokuzo ARAO 	04/15/2010
Kanae KUDO 	04/15/2010
Kazuhiko NAKAGAWA 	04/16/2010
Kazuto NISHIO 	04/15/2010