

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Susumu MIYAZAKI</td> <td>05/17/2011</td> </tr> <tr> <td>Yuki BESSHO</td> <td>05/17/2011</td> </tr> <tr> <td>Kaoru ADACHI</td> <td>05/17/2011</td> </tr> <tr> <td>Seiji KAWASHITA</td> <td>05/17/2011</td> </tr> <tr> <td>Hiroataka ISOSHIMA</td> <td>05/17/2011</td> </tr> <tr> <td>Kengo OSHITA</td> <td>05/17/2011</td> </tr> <tr> <td>Shunichi FUKUDA</td> <td>05/17/2011</td> </tr> </tbody> </table>		Name	Execution Date	Susumu MIYAZAKI	05/17/2011	Yuki BESSHO	05/17/2011	Kaoru ADACHI	05/17/2011	Seiji KAWASHITA	05/17/2011	Hiroataka ISOSHIMA	05/17/2011	Kengo OSHITA	05/17/2011	Shunichi FUKUDA	05/17/2011
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<table border="1"> <tr> <td>Name:</td> <td>JAPAN TOBACCO INC.</td> </tr> <tr> <td>Street Address:</td> <td>2-1, Toranomom 2-chome, Minato-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>105-8422</td> </tr> </table>		Name:	JAPAN TOBACCO INC.	Street Address:	2-1, Toranomom 2-chome, Minato-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	105-8422						
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CORRESPONDENCE DATA																	
Fax Number:	(202)408-4400																
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																	
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ATTORNEY DOCKET NUMBER:	09299.0049-00																

CH \$40.00 13034866

NAME OF SUBMITTER:

Charlene Woods

Total Attachments: 2

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ASSIGNMENT

WHEREAS I/We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

**1,3,4,8-Tetrahydro-2H-Pyrido[1,2-a]Pyridine Derivatives
And Use Thereof As HIV Integrase Inhibitor**

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on February 25, 2011 (Application No. 13/034,866); and

WHEREAS, Japan Tobacco Inc., a corporation of Japan whose post office address is 2-1, Toranomom 2-chome, Minato-ku, Tokyo, 105-8422, JAPAN (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/WE, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FULL NAME OF ASSIGNOR Susumu MIYAZAKI	ASSIGNOR'S SIGNATURE <i>S. Miyazaki</i>	DATE <i>May 17, 2011</i>
ADDRESS C/O CENTRAL PHARMACEUTICAL RESEARCH INSTITUTE JAPAN TOBACCO INC., 1-1, MURASAKI-CHO, TAKATSUKI, OSAKA 569-1125 JAPAN		CITIZENSHIP JAPAN
FULL NAME OF ASSIGNOR Yuki BESSHO	ASSIGNOR'S SIGNATURE <i>Y. Bessho</i>	DATE <i>May 17, 2011</i>
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FULL NAME OF ASSIGNOR Kaoru ADACHI	ASSIGNOR'S SIGNATURE <i>Kaoru Adachi</i>	DATE <i>May 17, 2011</i>
ADDRESS C/O CENTRAL PHARMACEUTICAL RESEARCH INSTITUTE JAPAN TOBACCO INC., 1-1, MURASAKI-CHO, TAKATSUKI, OSAKA 569-1125 JAPAN		CITIZENSHIP JAPAN

FULL NAME OF ASSIGNOR Seiji KAWASHITA	ASSIGNOR'S SIGNATURE <i>Seiji Kawashita</i>	DATE <i>May 17 2011</i>
ADDRESS C/O CENTRAL PHARMACEUTICAL RESEARCH INSTITUTE JAPAN TOBACCO INC., 1-1, MURASAKI-CHO, TAKATSUKI, OSAKA 569-1125 JAPAN		CITIZENSHIP JAPAN
FULL NAME OF ASSIGNOR Hiroataka ISOSHIMA	ASSIGNOR'S SIGNATURE <i>Hiroataka Isoshima</i>	DATE <i>May 17 2011</i>
ADDRESS C/O CENTRAL PHARMACEUTICAL RESEARCH INSTITUTE JAPAN TOBACCO INC., 1-1, MURASAKI-CHO, TAKATSUKI, OSAKA 569-1125 JAPAN		CITIZENSHIP JAPAN
FULL NAME OF ASSIGNOR Kengo OSHITA	ASSIGNOR'S SIGNATURE <i>Kengo oshita</i>	DATE <i>May 17, 2011</i>
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FULL NAME OF ASSIGNOR Shunichi FUKUDA	ASSIGNOR'S SIGNATURE <i>Shunichi Fukuda</i>	DATE <i>May 17, 2011</i>
ADDRESS C/O CENTRAL PHARMACEUTICAL RESEARCH INSTITUTE JAPAN TOBACCO INC., 1-1, MURASAKI-CHO, TAKATSUKI, OSAKA 569-1125 JAPAN		CITIZENSHIP JAPAN

For the citizens of Japan, this assignment may be signed before a U.S. Notary Public or before at least two witnesses who also sign here:

May 17, 2011
Date

M Futara
Typed Name: Motoki Futamura

May 17, 2011
Date

A Fujiwara
Typed Name: Akihito FUJIWARA