

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Yoshihisa Koga	01/19/2007
Shinji Yata	01/19/2007
Takayuki Yamasaki	01/19/2007
Tatsuya Matsumoto	01/19/2007
Masahiro Sakata	01/23/2007
Wataru Kondo	01/22/2007
Yoshikazu Hori	01/23/2007
RECEIVING PARTY DATA	
Name:	Japan Tobacco Inc.
Street Address:	2-1, Toranomom 2-chome, Minato-ku
City:	Tokyo
State/Country:	JAPAN
Postal Code:	105-8422
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11616962
CORRESPONDENCE DATA	
Fax Number:	(312)616-5700
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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
ATTORNEY DOCKET NUMBER:	701129

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REEL: 018925 FRAME: 0969

NAME OF SUBMITTER:

John Kilyk, Jr.

Total Attachments: 4

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PATENT

Attorney Docket No. 701129
Client Reference No. JF-0188US

Leydig, Voit & Mayer, Ltd.
Two Prudential Plaza, Suite 4900
180 North Stetson Avenue
Chicago, Illinois 60601-6780

ASSIGNMENT

WHEREAS, WE,

Yoshihisa KOGA, Shinji YATA, Takayuki YAMASAKI, Tatsuya MATSUMOTO, Masahiro SAKATA, Wataru KONDO, and Yoshikazu HORI, all of c/o Central Pharmaceutical Research Institute, Japan Tobacco Inc., 1-1, Murasaki-cho, Takatsuki, Osaka 569-1125, Japan; have invented and own a certain invention entitled:

**3,4-DIHYDROBENZOXAZINE COMPOUNDS AND INHIBITORS
OF VANILLOID RECEPTOR SUBTYPE 1(VRI) ACTIVITY**

for which invention we have executed an application (provisional or non-provisional) for a U.S. patent, which was filed on December 28, 2006, under U.S. Application No. 11/616,962, and

WHEREAS, JAPAN TOBACCO INC., of 2-1, Toranomom 2-chome, Minato-ku, Tokyo 105-8422, 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 U.S. 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, reexaminations, National phase applications, including petty patent applications, and utility model applications) that may be filed in the United States and every foreign country on the invention, and the patents, extensions, or derivations thereof, both foreign and domestic, that may issue thereon, and we do hereby authorize and request the Commissioner of Patents to issue U.S. 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.

UPON SAID CONSIDERATION, we convey to the Assignee the right to make application in its own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim under the Patent Cooperation Treaty, the International Convention and/or other international arrangement for any such application the date of the U.S. 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

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In re Appln. of Koga et al.
Application No. 11/616,962

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, reexamined, and National phase patents of the U.S. 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	<u>Jan. 19, 2007</u>	<u>Y. Koga</u> Yoshihisa KOGA
Date	<u>Jan. 19, 2007</u>	Witness <u>Norio Imai</u> Norio IMAI
Date	<u>Jan. 19, 2007</u>	Witness <u>Takafumi Murakami</u> TAKAFUMI MURAKAMI

Date	<u>Jan. 19, 2007</u>	<u>Shinji Yata</u> Shinji YATA
Date	<u>Jan. 19, 2007</u>	Witness <u>Norio Imai</u> Norio IMAI
Date	<u>Jan. 19, 2007</u>	Witness <u>Takafumi Murakami</u> TAKAFUMI MURAKAMI

Date	<u>Jan. 19, 2007</u>	<u>Takayuki Yamasaki</u> Takayuki YAMASAKI
Date	<u>Jan. 19, 2007</u>	Witness <u>Norio Imai</u> Norio IMAI
Date	<u>Jan. 19, 2007</u>	Witness <u>Takafumi Murakami</u> TAKAFUMI MURAKAMI

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Date Jan. 19, 2007

Tatsuya Matsumoto
Tatsuya MATSUMOTO

Date Jan. 19, 2007

Witness Norio Imai
Norio IMAI

Date Jan. 19, 2007

Witness Takafumi Murakami
TAKAFUMI MURAKAMI

Date Jan. 23, 2007

Masahiro Sakata
Masahiro SAKATA

Date Jan. 23, 2007

Witness Norio Imai
Norio IMAI

Date Jan. 23, 2007

Witness Takafumi Murakami
TAKAFUMI MURAKAMI

Date Jan 22 2007

Wataru Kondo
Wataru KONDO

Date Jan. 22, 2007

Witness Norio Imai
Norio IMAI

Date Jan. 22, 2007

Witness Takafumi Murakami
TAKAFUMI MURAKAMI

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Date	<u>Jan. 23. 2007</u>	<u>Yoshikazu Honi</u> Yoshikazu HORI
Date	<u>Jan. 23, 2007</u>	Witness <u>Norio Imai</u> Norio IMAI
Date	<u>Jan. 23, 2007</u>	Witness <u>Takafumi Murakami</u> TAKAFUMI MURAKAMI