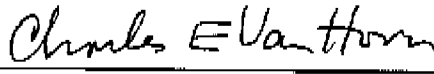


**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 09299.0021-00  
Attorney Customer Number: 22,852

To the Director of the U.S. Patent and Trademark Office:  
Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying parties: 1) Motohide SATOH 2) Takahisa MOTOMURA 3) Takashi MATSUDA 4) Kentaro KONDO 5) Koji ANDO 6) Koji MATSUDA 7) Shuji MIYAKE 8) Hideto UEHARA		2. Name and address of receiving party:  Name: Japan Tobacco Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance:		Street Address: 2-1, Toranomon 2-chome Minato-ku	
<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Tokyo 105-8422	
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: JAPAN	Zip Code:
<input type="checkbox"/> Other:		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Execution Date: October 14, 2005; October 18, 2005, October 19, 2005, and October 20, 2005			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:			
A. Patent Application Number:  11/133,471		B. Patent Number(s):	
Additional numbers attached?		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and registrations involved: 1	
Name: Charles E. Van Horn		7. Total fee (37 CFR 1.21(h) and 3.41): \$40	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.		<input type="checkbox"/> Enclosed (Please charge deficiency to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		<input checked="" type="checkbox"/> Authorized to be charged to deposit account	
City: Washington, D.C.			
State:	Zip: 20001-4413	8. Deposit Account No.: 06-0916	
9. Statement and signature.			
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.			
Charles E. Van Horn Reg. No. 40,266		 Signature	October 26, 2005 Date
Total number of pages including cover sheet, attachments and documents: 4			

CH \$40.00 060916 11133471

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**PATENT**  
REEL: 016942 FRAME: 0815

SOLE/JOINT INVENTION  
(U.S. Rights Only)  
Attorney Docket No. 9299.0021-00

### ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

#### STABLE CRYSTAL OF 4-OXOQUINOLINE COMPOUND

for which I/We executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on May 20, 2005 (Application No.11/133,471); 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 Motohide SATOH	ASSIGNOR'S SIGNATURE <i>Motohide Satoh</i>	DATE Oct. 14, 2005
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 Takahisa MOTOMURA	ASSIGNOR'S SIGNATURE <i>Takahisa Motomura</i>	DATE Oct. 19, 2005
ADDRESS c/o Central Pharmaceutical Research Institute, Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki, Osaka 569-1125, JAPAN		CITIZENSHIP JAPAN

SOLE/JOINT INVENTION  
(U.S. Rights Only)  
Attorney Docket No. 9299.0021-00

FULL NAME OF ASSIGNOR Takashi MATSUDA	ASSIGNOR'S SIGNATURE <i>Takashi Matsuda</i>	DATE <i>Oct. 19, 2005</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 Kentaro KONDO	ASSIGNOR'S SIGNATURE <i>Kentaro Kondo</i>	DATE <i>Oct. 18, 2005</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 Koji ANDO	ASSIGNOR'S SIGNATURE <i>Koji Ando</i>	DATE <i>Oct. 14, 2005</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 Koji MATSUDA	ASSIGNOR'S SIGNATURE <i>Koji Matsuda</i>	DATE <i>Oct. 19, 2005</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 Shuji MIYAKE	ASSIGNOR'S SIGNATURE <i>Shuji Miyake</i>	DATE <i>Oct. 20, 2005</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 Hideto UEHARA	ASSIGNOR'S SIGNATURE <i>Hideto Uehara</i>	DATE <i>Oct. 14, 2005</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:

Oct. 20, 2005  
Date

*Motoki Futamura*

Typed Name: MOTOKI FUTAMURA

Oct. 20, 2005  
Date

*Takafumi Murakami*

Typed Name: TAKAFUMI MURAKAMI