

MAY 31 2007

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To the Director of the U.S. Patent and
Please record the attached material dc

1. Name of conveying party(ies): Masataka FUMOTO		2. Name and address of receiving party(ies): Name: Shionogi & Co., Ltd.	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Internal Address:	
3. Nature of conveyance:		Street Address: 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi	
☒ Assignment	☐ Merger	City: Osaka	
☐ Security Agreement	☐ Change of Name	State: JAPAN	Zip Code: 541-0045
☐ Joint Research Agreement	☐ Government Interest Assignment	Additional name(s) & Address(es) attached? ☐ Yes ☒ No	
☐ Executive Order 9494, Confirmatory License	☐ Other:		
Execution Date: September 15, 2006			
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(s): 10/592,540		B. Patent Number(s):	
Additional numbers attached?		☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents 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.		☒ Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)	
Street Address: 901 New York Avenue, N.W.		☐ 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.			
Signed: 		May 31, 2007	
Mark J. Feldstein, Reg. No. 46,693		Date	
Total number of pages including cover sheet, attachments and documents: 3			

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PATENT
REEL: 019400 FRAME: 0559

SOLE INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

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for which I executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on **September 12, 2006** (Serial No. _____); and

WHEREAS, **Shionogi & Co., Ltd.**, a corporation of **Japan**, whose post office address is **1-8,Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045, 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, as assignor, 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 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 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 HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and 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.

AND, I HEREBY authorize and request the attorneys I have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/592,540) filed **September 12, 2006**) the filing date and application number of said application when known.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT
REEL: 019400 FRAME: 0560

IN TESTIMONY WHEREOF, I have hereunto set my hand.

Assignor

Masataka FUMOTO

c/o Shionogi & Co., Ltd., 1-3, Kuise Terajima 2-chome, Amagasaki-shi,
Hyogo 660-0813 Japan

Citizenship: Japan

Signature: Masataka Fumoto

Date: September 15, 2006

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.