

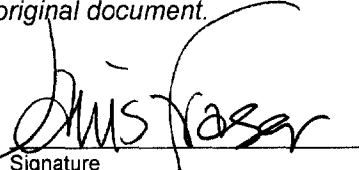
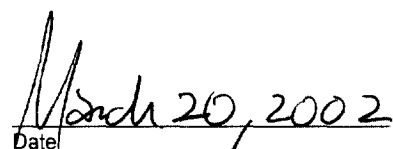
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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Chugai Research Institute for Molecular Medicine, Inc. 153-2, Nagai, Niihari-mura, Niihari-gun Ibaraki 300-4101 Japan  Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Chugai Seiyaku Kabushiki Kaisha 5-1, Ukima 5-chome, Kita-ku Tokyo 115-8543 Japan  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:  Execution Date: October 17, 2001(Assignor); October 18, 2001 (Assignee)	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 09/563,997 B. Patent No(s).:  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JANIS K. FRASER, PH.D., J.D. Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
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FINANCE SECTION

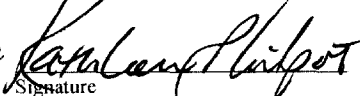
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

MARCH 20, 2002  KATHLEEN PHILPOT  
Date of Deposit Signature Typed Name of Person Signing Certificate

PATENT  
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# PATENT ASSIGNMENT

WHEREAS, CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE, INC., a corporation of Japan having a place of business at 153-2, Nagai, Niihari-mura, Niihari-gun, Ibaraki 300-4101 Japan ("ASSIGNOR"), is the owner of the entire right, title and interest in and to United States Patent Application Serial No. 09/563,997, filed May 3, 2000("PATENT APPLICATION").

WHEREAS, CHUGAI SEIYAKU KABUSHIKI KAISHA, a corporation of Japan having a place of business at 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 Japan ("ASSIGNEE"), is desirous of obtaining the entire right, title and interest in and to the PATENT.

NOW, THEREFORE, in consideration of One dollar (\$1.00) and other good and valuable considerations paid by ASSIGNEE to ASSIGNOR, the receipt of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its successors and assigns, the entire right, title and interest in and to the PATENT, including the right to sue for past infringement thereof.

ASSIGNOR agrees for itself and its successors, legal representatives and assigns, without further compensation, to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the ASSIGNEE may reasonably request to effectuate fully this Assignment.

IN TESTIMONY WHEREOF, ASSIGNOR has caused this Assignment to be executed by its duly authorized officer.

CHUGAI RESEARCH INSTITUTE FOR MOLECULAR MEDICINE, INC.

By: Tetsuo Tatsumi  
Tetsuo TATSUMI

Title: President

Date: 17th, October, 2001

ASSIGNEE hereby acknowledges receipt of the entire right, title and interest in and to the PATENT.

CHUGAI SEIYAKU KABUSHIKI KAISHA

By: Masao Haruna  
Masao HARUNA

Title: Head. Patent Section, Intellectual  
Property Department

Date: 18. OCT. 2001

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