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U.S. DEPARTMENT OF COMMERCE ted States Patent and Trademark Office

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies): Tomokazu NAGANO (08/24/2005); Ikue KUDO (08/29/2005); Takao KAWAMURA (08/24/2005); Mutsuo TAIJI (08/24/2005); Hiroshi NOGUCHI (08/30/2005);	2. Name and address of receiving party(ies) SUMITOMO PHARMACEUTICALS CO., Name: LTD.
Shunsuke TANI (08/30/2005), and Hiroo MAEDA (08/31/2005). Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s): Execution Date(s): In parentheses after inventor name X Assignment Merger Change of Name	2-8. Doshomachi 2-chome, Chuo-ku
Security Agreement Joint Research Agreement	City: Osaka-shi
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License Other	Country: Japan Zip: 541-0045 Additional name(s) & address(es) Yes X No
Application or patent number(s): A. Patent Application No.(s)	This document is being filed together with a new application. B. Patent No.(s) 6,887,477
Additional numbers attached	? Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Mark J. Nuell BIRCH, STEWART, KOLASCH & BIRCH, LLP Internal Address: Atty. Dkt.: 4373-0105PUS1 Street Address: 8110 Gatehouse Rd. Suite 100 East P.O. Box 747	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account X Enclosed None required (government interest not affecting title)
City: Falls Church	8. Payment Information
State: VA Zip: 22040-0747	a. Credit Card Last 4 Numbers
Phone Number: (703) 205-8000	Expiration Date
Fax Number: (703) 205-8050 Email Address: mailroom@bskb.com	b. Deposit Account Number
Email Address: Mailroom@bskb.com 9. Signature:	
My N Signature	September 21, 2005 Date Total number of pages including cover 5
Mark J. Nuell – 36,623	sheet, attachments, and documents:

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Name of Person Signing

ASSIGNMENT

WHEREAS, Tomokazu NAGANO, Ikue KUDO, Takao KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo Maeda have invented certain new and useful improvements in:

Method of Treating Ischemic Disease by Intramuscular Administration of Hepatocyte Growth Factor

WHEREAS, SUMITOMO PHARMACEUTICALS CO., LTD., a corporation organized and existing under and by virtue of the laws of Japan, having an office at 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Japan 541-0045, is desirous of acquiring the entire right, title and interest in and to the invention(s) described and claimed in said Letters Patent;

Letters Patent

6,887,477

NOW, THEREFORE, for and in consideration of the sum of Ten Dollars (\$10.00) lawful money of the United States and other valuable considerations, to me in hand paid, the receipt of and sufficiency whereof are hereby acknowledged, Tomokazu NAGANO, Ikue KUDO, Takao KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo Maeda have sold, assigned and transferred and do hereby sell, assign and transfer unto SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns, their entire undivided right, title and interest in and to said Letters Patent(s) and the invention(s) therein contained, including the right to sue for infringement, to be held and enjoyed by SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns the same as it would have been held and enjoyed by Tomokazu NAGANO, Ikue KUDO, Takao

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PATENT REEL: 017006 FRAME: 0634 KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo Maeda, if this assignment and sale had not been made.

Tomokazu NAGANO, Ikue KUDO, Takao KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo MAEDA hereby represent and warrant that there are no rights or interests outstanding inconsistent with the rights and interest granted herein and that Tomokazu NAGANO, Ikue KUDO, Takao KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo MAEDA will not execute any instrument or grant or transfer any rights or inconsistent therewith, and Tomokazu NAGANO, Ikue KUDO, KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo MAEDA bind themselves and their heirs, executors, administrators, employees and legal representatives, as the case may be, to execute and deliver to SUMITOMO PHARMACEUTICALS CO., LTD., successors and assigns, any further documents or instruments and do any and all further acts that may be deemed necessary by SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns to file applications for improvements and inventions in any country where it may elect to file such applications, and that may be necessary to vest in SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns, the title herein conveyed, or intended so to be, and to enable such title to be recorded in the United States and foreign countries where such application applications may be filed.

AND, Tomokazu NAGANO, Ikue KUDO, Takao KAWAMURA, Mutsuo TAIJI, Hiroshi NOGUCHI, Shunsuke TANI and Hiroo MAEDA further covenant and agree, in consideration of the premises, that they, their

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PATENT REEL: 017006 FRAME: 0635 executors and administrators will, at any time upon request, communicate to SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns, any facts relating to the said invention and improvements and the history thereof, known to them or their successors and assigns, and that they will testify as to the same in any interference or other proceeding when requested to do so by SUMITOMO PHARMACEUTICALS CO., LTD., its successors and assigns.

The undersigned hereby grants the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, executed by the undersigned on the dates opposite the undersigned names.

Date: August 24, 2005

Tompan Nagan-

Date: August 29, 2005

9kue Indo

Ikúe KUDO

Date: August 74, 2005

Takao Kawamura

Takao KAWAMURA

Date: Augus 24 2005

Mutsuo TAIJI

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Date: August 30 2005

Hiroshi NOGUCHI

Date: <u>August 30, 2005</u>

Shunsuke Jani Shunsuke TANI

Date: August 31, 2005

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RECORDED: 09/21/2005

PATENT REEL: 017006 FRAME: 0637