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Makoto SATO; Fukui, Japan
Takashi NAGANO; Fukui, Japan

7/13/04

Additional name(s) of conveying party(ies) attached?
 Yes No

2. Name and address of receiving party(ies)

Name: JAPAN SCIENCE AND TECHNOLOGY AGENCY
Internal Address:
Street Address: 1-8, Honcho 4-chome, Kawaguchi-shi,
City, State Zip Saitama 332-0012, Japan
Additional name(s) & address(es) attached? Yes No

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Execution Date(s): March 8, 2004

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 is:

A. Patent Application No.(s) 10/788,793 filed February 27, 2004

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Thomas J. Kowalski
Internal Address: FROMMER LAWRENCE & HAUG LLP
Street Address: 745 FIFTH AVENUE
City: NEW YORK State: N.Y. Zip: 10151

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41) \$ 40.00
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July 13, 2004

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ASSIGNMENT

We, **Makoto SATO and Takashi NAGANO**, who reside at: **Room 301, 9-15, Ninomiya 4-chome, Fukui-shi, Fukui 910-0015, JAPAN and Room C4-503, 2-100, Shinnaruka, Maruokacho, Sakai-gun, Fukui 910-0337, JAPAN**, respectively, have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled: **"PROTEINS HAVING EFFECTS OF CONTROLLING CELL MIGRATION AND CELL DEATH"** and **JAPAN SCIENCE AND TECHNOLOGY AGENCY**, whose address is **1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012, JAPAN**, and which, together with its successors and assigns is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits and privileges hereinafter recited, and of confirming the same or any part thereof heretofore acquired by Assignee.

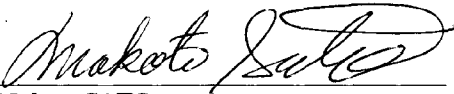
Now, therefore, for valuable consideration furnished by Assignee to each of us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

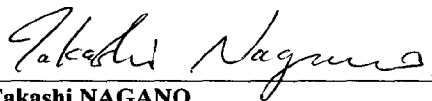
1. Assign and convey to and confirm in Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;
2. Authorize Assignee to file and prosecute patent applications in any or all countries on any or all of said inventions and discoveries in our name or names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;
5. Bind our heirs and legal representatives, as well as each of ourselves to do, upon Assignee's request and at its expense, but without additional consideration to any of us, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by each of us or each of our heirs or representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to each of us relating to said inventions and

discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs or legal representatives and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

The effective date of this instrument is the 8th day of March 2004.

In testimony of which we have affixed our signature.


Makoto SATO


Takashi NAGANO