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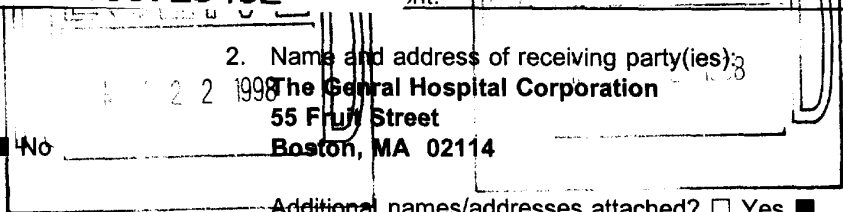
5-22-98



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Assistant Commissioner for Patents: Plea

1. Name of conveying party(ies):
Shinji Tanaka and Jack R. Wands
Additional name(s) attached? Yes No



3. Nature of conveyance:
 Assignment
 Merger
 Security Agreement
 Change of Name
 Other:

Additional names/addresses attached? Yes No

Execution Date: **May 8, 1998 and May 12, 1998**

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): **08/964,296**
B. Patent No.(s):

Additional numbers attached? Yes No

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

**Janis K. Fraser
Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804**

6. Total number of applications/patents involved: **1**
7. Total fee (37 CFR 3.41): **\$40** *E*
 Enclosed
 Authorized to charge deposit account

8. Deposit account number: **06-1050**
If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.

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9. Statement and signature: *To the best of my knowledge and belief, the foregoing information is true and correct and the attached is the original document.*

Z. Ying Li

Name of Person Signing

Signature

5/20/98

Date

Total number of pages including cover sheet, attachments, and document: **3**

Date of Deposit

May 20, 1998

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

REEL: 9210 FRAME: 0787

ASSIGNMENT

For valuable consideration, we, Shinji Tanaka, of Charlestown, Massachusetts and Jack R. Wands of Waban, Massachusetts hereby assign to THE GENERAL HOSPITAL CORPORATION, a MASSACHUSETTS corporation having a place of business at 55 FRUIT STREET, BOSTON, MA 02114, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled DOMINANT NEGATIVE MUTANTS OF IRS-1 AND USES THEREOF, filed November 4, 1997, and assigned U.S. Serial Number 08/964,296, and I authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion, and for inventors' certificates for said inventions and improvements; and I agree for me and my respective heirs, 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 WITNESS WHEREOF, I hereto set my hand and seal at Beppu, JAPAN, this 8th day of may, 1998

Shinji Tanaka L.S.
Shinji Tanaka

STATE OF MASSACHUSETTS :
:ss.
COUNTY OF SUFFOLK :

Before me this 8 day of may, 1998, personally appeared

Shinji Tanaka known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Yoshimi Mitoma
Notary Public

My Commission Expires: March 2, 2001

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Boston,
this 12 day of May, 1998

Jack R. Wands L.S.
Jack R. Wands

STATE OF MASSACHUSETTS :

:ss.

COUNTY OF SUFFOLK :

Before me this 12 day of May, 1998, personally appeared

Jack R. Wands known to me to be the person whose name is subscribed to the foregoing Assignment, and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Arthur J. Sullivan

Notary Public

My Commission Expires: 7-26-02

[Notary's Seal Here]

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