

04-02-1999

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U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1525 U.S. PTO
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1. Name of conveying party(ies):

(a) Quoc Vu

(b) Wen-Syan Li **3-22-99**

(c) Edward Chang

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

2. Name and address of receiving party(ies):

Name: NEC Corporation

Internal Address: _____

Street Address: 7-1 Shiba 5-chome, Minato-ku

3. Nature of Conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: March 22, 1999

City Tokyo State Japan ZIP 108-01

Additional name(s) & address(es) attached? Yes No

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: March 22, 1999

A. Patent Application No.(s) -
 Title: Personalized Navigation Trees

Additional numbers attached? Yes No

B. Patent No.(s)

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

Name: Edward C. Kwok

Internal Address: SKJERVEN, MORRILL, MacPHERSON,
FRANKLIN & FRIEL LLP

Street Address: 25 METRO DRIVE, SUITE 700

City SAN JOSE State CA ZIP 95110

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

Authorized to be charged to Deposit Account 19-2386

Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

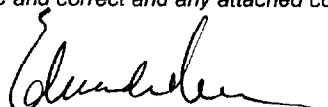
4/01/1999 JSHABAZZ 00000007 192386 09274814
 1 FC:581 40.00 CH

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8. 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.

Edward C. Kwok 33,938
 Name of Person Signing


 Signature

3/22/99
 Date

Total number of pages comprising cover sheet: 3

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

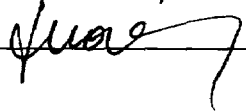
<u>Quoc Vu</u>	of	<u>San Jose, California</u>
<u>Wen-Syan Li</u>	of	<u>Fremont, California</u>
<u>Edward Chang</u>	of	<u>Santa Clara, California</u>
	of	

hereby sell, assign and transfer to **NEC Corporation, a Japanese corporation, having a place of business at 7-1 Shiba 5-chome, Minato-ku, Tokyo 108-01, Japan**, its successors and assigns, the entire right, title and interest throughout the world, except the United States of America, in our invention in

Personalized Navigation Trees

for which we filed a United States Patent Application, and all patent applications and patents of every country, except the United States of America, for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents throughout the world, except the United States of America, for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said patent applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries, except the United States of America; and we request the competent patent authorities in all countries, except the United States of America, to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

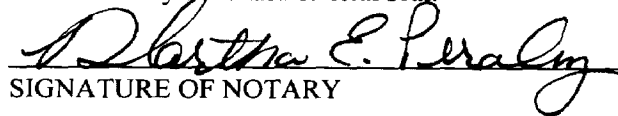
Executed this 22 day of March, 1999

Quoc Vu 

State of California
County of Santa Clara ss.

On March 22, 1999 before me, Martha E. Peralez personally appeared Quoc Vu personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.


SIGNATURE OF NOTARY



Executed this 22 day of March, 1999.

Wen-Syan Li
Wen-Syan Li

State of California)
County of Santa Clara) ss.

On March 22, 1999 before me, Martha E. Peralez personally appeared Wen-Syan Li personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Martha E. Peralez
SIGNATURE OF NOTARY



Executed this 22 day of March, 1999.

Edward Chang
Edward Chang

State of California)
County of Santa Clara) ss.

On March 22, 1999 before me, Martha E. Peralez personally appeared Edward Chang personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Martha E. Peralez
SIGNATURE OF NOTARY

