

TO THE COM

10-16-2002

Attorney Docket No. 10745/131  
Client Ref. No. PA-156



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Please record the at.

102250283

reof.

1. Name of Party(ies) conveying an interest:

Xia Gao  
Gang Wu

10/08/02

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name of Party(ies) receiving an interest:

Name:

DoCoMo Communications  
Laboratories USA, Inc.

Internal Address:

Suite 300

Street Address:

181 Metro Drive

City:

San Jose

State/Zip:

California 95110

Additional name(s) and addresses attached?

Yes  No

10912 U.S. PTO  
10/266776

10/08/02

3. Description of the interest conveyed:

- Assignment  Change of Name  Other:
- Security Agreement  Merger

Execution Date: October 8, 2002

4. Application number(s) or patent number(s). Additional sheet attached?  Yes  No

If this document is being filed together with a new application, the execution date of the application is:

October 8, 2002

Date

A. Patent Application No.(s)

B. Patent No.(s)

10/266776

Additional numbers attached?  Yes  No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to Deposit Account No. 23-1925

8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

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9. 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.

Vincent J. Gnoffo, Reg. No. 44,714  
Name of Person Signing

Vincent J. Gnoffo  
Signature

October 8, 2002  
Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

WHEREAS, Xia Gao and, Gang Wu hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SYSTEM AND METHOD FOR SUPPORTING QUALITY OF SERVICE IN VERTICAL HANDOVERS BETWEEN HETEROGENEOUS NETWORKS, executed by Assignors on the same date as this Assignment;

WHEREAS, DoCoMo Communications Laboratories USA, Inc., a corporation organized and existing under the laws of the State of Delaware, having a place of business at 181 Metro Drive, Suite 300, San Jose, California 95110, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

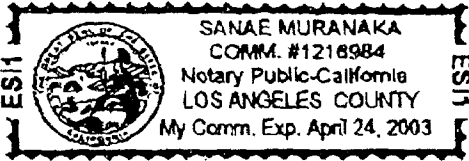
The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in



STATE OF California)  
) ss.  
COUNTY OF Los Angeles)

I, Sanae Muranaka, A Notary Public in and for the County and State aforesaid, do hereby certify that Gang Wu, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 8<sup>th</sup> day of October 2002.



A handwritten signature in black ink, appearing to read "Sanae Muranaka", written over a horizontal line.

Notary Public