

PATENTS ONLY

TO THE COMMISSION

Please record the

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

Dan Lelescu
Frank Jan Bossen

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

☐ Yes ☒ No

MRD 12/3/02

Name:

Internal Address:

Street Address:

City:

State/Zip:

Additional name(s) and addresses attached?

☐ Yes ☒ No

hereof.

of Party(ies) receiving interest:

DoCoMo Communica
Laboratories USA

Suite 300

181 Metro Drive

San Jose

California 95110

JC715 USPTO
10/30/02

12/03/02

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ MergerExecution Date: December 2, 20024. 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:

December 3, 2002

Date

A. Patent Application No.(s)

B. Patent No.(s)

10308828

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)

\$ 40.00☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

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.

John C. Freeman

Name of Person Signing

John C. Freeman
Signature

December 3, 2002

Date

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

12/09/2002 DBYRNE 00000160 10308828

01 FC:8021

40.00 UP

ASSIGNMENT

WHEREAS, Dan Lelescu and, Frank Jan Bossen hereinafter called the "Assignors", have made the invention described in the United States patent application entitled REPRESENTATION AND CODING OF PANORAMIC AND OMNIDIRECTIONAL IMAGES, 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;

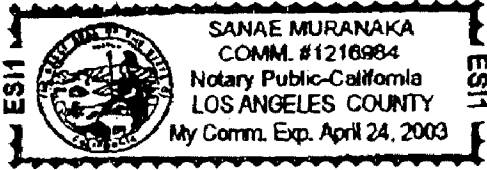
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer 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.

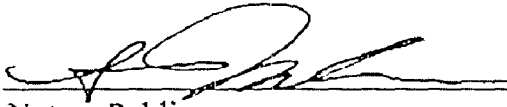
The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect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

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 Frank Jan Bossen, 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
2nd day of ~~December~~ 2002.





Notary Public

Rev. Dec. 99
Document27