

01-24-2002
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1-879 U.S. PTO
10/04/230
01/10/02

To the Honorable Commissioner of Patents and Trademarks: Please record the attached documents or copy thereof.

1. Name of conveying party(ies):

Havish Koorapaty
Wade Wang

Viswanath Panakanti
Guwei Zhu

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date(s):

12/21/01 (Koorapaty) 01/08/02 (Panakanti)
01/09/02 (Wang) 01/03/02 (Zhu)

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

Name: Telefonaktiebolaget
LM Ericsson (publ)

Internal Address:
Street Address: Telefonplan
S-126 25

City: Stockholm, Sweden

State:

ZIP:

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(s) of the application are: 12/21/01 (Koorapaty) 01/08/02 (Panakanti)
01/09/02 (Wang) 01/03/02 (Zhu)

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steven W. Smith
Street
Address: Smith, Danamraj & Youst, P.C.
12900 Preston Road, LB15
City: Dallas
State: TX
ZIP: 75230-1328

6. Total number of applications and patents involved: 1

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

☒ Enclosed
☐ Authorized to be charged to deposit account

8. Deposit account number: 03-1130
(Attach duplicate copy of this page if paying by deposit account)

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40.00 DP

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.

Steven W. Smith
Name of Person Signing

Steven W. Smith
Signature

01/10/02
Date

Total number of pages including cover sheet: 7

ASSIGNMENT

WHEREAS, HAVISH KOORAPATY, WADE WANG, VISWANATH PANAKANTI, and GUWEI ZHU ("ASSIGNORS"), individuals who reside in the United States at the addresses set forth below, are joint owners of the entire interest in the invention for:

SYSTEM AND METHOD OF ESTIMATING THE POSITION OF A MOBILE TERMINAL IN A RADIO TELECOMMUNICATIONS NETWORK

for which application for United States Letters Patent is being made; and

WHEREAS, TELEFONAKTIEBOLAGET L M ERICSSON (publ) ("ASSIGNEE"), a corporation organized and existing under the laws of Sweden, having registered offices at Telefonplan, S-126 25, Stockholm, Sweden, is desirous of acquiring the ASSIGNORS' entire interest in the invention, and in the said application and any Letters Patent that may issue therefrom;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS hereby assign unto ASSIGNEE, its successors, assigns and legal representatives, ASSIGNORS' entire interest in said invention and in said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, insofar as ASSIGNORS' interest is concerned, to said ASSIGNEE.

ASSIGNORS also hereby assign to said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive interest in the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries.

ASSIGNORS further agree to execute any powers-of-attorney, applications, assignments, declarations, affidavits, and any other papers necessary to perfect such interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNORS hereby further agree that they will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to them respecting any improvements in said invention. At the expense of said ASSIGNEE, ASSIGNORS agree to testify in any legal proceedings; sign all lawful papers; execute all divisional, continuation, continuation-in-part, reissue, and substitute applications; make all lawful oaths; and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, I have duly executed this assignment this 21st day of
DECEMBER, 2001.

Address:

102 Horsepond Ct.
Cary, NC 27513

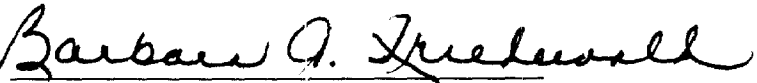


Havish Koorapaty

STATE OF NORTH CAROLINA)
)S.S.
COUNTY OF Wake)

BEFORE ME, the undersigned authority, on this day personally appeared Havish Koorapaty, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 21st day of December, 2001.



Notary Public

My Commission Expires:

March 1, 2003



IN TESTIMONY WHEREOF, I have duly executed this assignment this 9th day of

January, 200²

W. A. R. A.

Address:

Wade Wang

1625 Amber Lane
Plano, TX 75075

STATE OF TEXAS)
COUNTY OF Dallas) S.S.

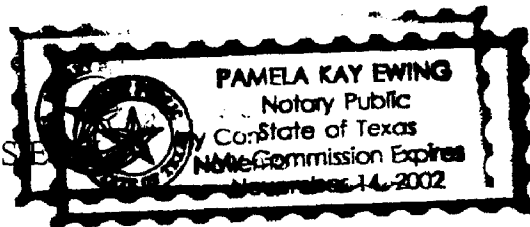
BEFORE ME, the undersigned authority, on this day personally appeared Wade Wang, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 9th day of January, 2001.

Pamela Kay Ewing
Notary Public

My Commission Expires:

11-14-2002



IN TESTIMONY WHEREOF, I have duly executed this assignment this 8th day of

JANUARY, 2002 P. Panakanti

P. Panakanti

Address:

Viswanath Panakanti

7825 McCallum Blvd.
Dallas, TX 75252

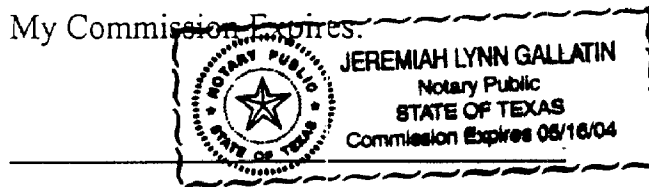
STATE OF TEXAS)
COUNTY OF DALLAS.) S.S.

BEFORE ME, the undersigned authority, on this day personally appeared Viswanath Panakanti, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 8th day of JANUARY, 2002 P. Panakanti

Jeremiah Lynn Gallatin
Notary Public

My Commission Expires.




SEAL

IN TESTIMONY WHEREOF, I have duly executed this assignment this 3 day of

January, 2001. 2002

Address:


Guwei Zhu

3132 Mill Ridge Drive
Plano, TX 75025

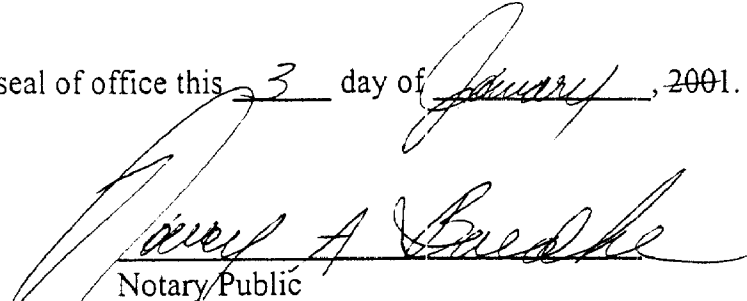
STATE OF TEXAS)

COUNTY OF Collin)

)S.S.

BEFORE ME, the undersigned authority, on this day personally appeared Guwei Zhu, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and consideration therein expressed.

GIVEN under my hand and seal of office this 3 day of January, 2001. 2002


Notary Public

My Commission Expires:

07-13-2002

