

Form PTO-1595 (Rev. 06/04)

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To the Director of the U.S. Patent and Trademark Office. Please record the attached documents or the address(es) below..

1. Name of conveying party(ies)/Execution Date(s):
(1) Jinhua LIU 08/11/08
(2) Qingyu MIAO 08/11/08
(3) Min WANG 08/11/08Additional name(s) of conveying party(ies) attached?
attached? ☐ Yes ☒ No

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

NAME: Telefonaktiebolaget L M Ericsson (publ)

ADDRESS: Torshamnsgatan 23, Kista
SE-164 83 Stockholm
Sweden

3. Name of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

Additional name(s) & addresses(es) attached?
☐ Yes ☒ No4. Application number(s) or patent number(s): ☐

A. Patent Application No.(s)

13/057,790

This document is being filed together with a new application

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom
correspondence concerning document should be
mailed:

Name: Brian S. Rosenbloom
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 Attorney Docket No.: 3602-249

6. Total number of applications
and patents involved: 1

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account
☐ None required (government interest not affecting title)

8. Deposit account number: 02-2135

Authorized User Name Brian S. Rosenbloom

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9. Signature:



Signature

2011-02-07

Date

Brian S. Rosenbloom, Reg. No. 41,276
Name of Person Signing

Total number of pages including cover sheet, attachments and documents: 6

CH \$40.00 022135 13057790

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Attorney Docket No

ASSIGNMENT

THIS ASSIGNMENT, by
Jinhua Liu
Qingyu Miao
Min Wang

(hereinafter referred to as "the Assignor(s)") residing at
Room 5-201, Building 113, Nanhuzhongyu Yiqu District, 100102 BEIJING, China
Room 2-302 building 611, 100012 BEIJING, China
Snövågen 295B, 976 33 LULEÅ, Sweden

respectively, witnesseth:

WHEREAS, the Assignor(s) have invented certain new and useful improvements in

METHOD AND ARRANGEMENT IN A COMMUNICATION NETWORK SYSTEM

said invention being based on PCT application no. **PCT/SE2008/050912** filed on **8 August, 2008** (I hereby authorize and request ASSIGNEE's Attorneys to insert the serial number and filing date of said application, when known.)

WHEREAS, Telefonaktiebolaget LM Ericsson (publ), a corporation duly organized under and pursuant to the laws of Sweden and having its principal place of business at S-164 83 STOCKHOLM SWEDEN, (hereinafter referred to as "the Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor(s) have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents of the United States of America that may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its use and behoof and the use and the behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent and Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor(s) had this sale and assignment not been made;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery these presents, the Assignor(s) are the sole and lawful owners of the entire right, title, and interest in and to the inventions and application for Letters Patent above-mentioned, and that the same are uncumbered, and that the Assignor(s) have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor(s) hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignor(s)

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will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation, continuation-in-part of any application for Letters Patent, or any reissue or extension of any Letters Patent to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor(s) hereby request that said Letters Patent or Patent be issued to Assignee as the Assignee of said inventions, the Letters Patent or Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

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