ASSIGNMENT RECORDATION FORM COVER SHEET Patents Only

| To: Commissioner for Patents: | Date: February 22, 2005 | | |
|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--|--|
| Please record the attached original documents or copy thereof. | Attorney Docket No. 9342-230 | | |
| Name of conveying party(ies): | 2. Name and address of receiving party(ies): | | |
| [1.] Daniel Yalin Zhang | Sony Ericsson Mobile Communications AB Nya Vattentornet \$-221 88 Lund, Sweden | | |
| Additional name(s) of conveying party(ies) attached?Ycs_XNo | | | |
| 3. Nature of conveyance: | | | |
| X Assignment Merger Security Agreement | | | |
| Change of Name Other | | | |
| Execution Date: [1.] November 2, 2004 | Additional name(s) & address(es) attached? Yes No | | |
| 4. Application Serial No. 10/508.757 | | | |
| If this document is being filed together with a new application, is: | the execution date of the application | | |
| Additional numbers attached?YesNo | | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 | | |
| D. Scott Moore Myers Bigel Sibley & Sajovec P. O. Box 37428 Raleigh NC 27627 | 7. Total fee (37 CFR 3.41) \$40.00 Enclosed X Authorized to be charged to deposit account | | |
| | 8. Deposit account number: 50-0220 | | |
| DO NOT USE THIS SPACE | | | |
| 9. Statement and signature To the best of my knowledge and belief, the foregoing informat of the original document. | 9 | | |
| D. Scott Moore; Reg. No. 42,011 Name of Person Signing Signature | February 22, 2005 Date | | |
| Total number of pages including cover sheet, attachments and do | cument: 3 | | |
| | CSIMILE TRANSMISSION 7 CFR § 1.8 sitted to the U.S. Patent and Trademark Office via facsimile | | |

PATENT

REEL: 015759 FRAME: 0279

Attorney Docket No. 9342-230

ASSIGNMENT

THIS ASSIGNMENT, made by me, Daniel Yalin Zhang, a citizen of Sweden, residing at Skrivarevägen 1, S-226 57 Lund, Sweden; and.

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in ENTERING TEXT INTO AN ELECTRONIC COMMUNICATIONS DEVICE, for which an application has been filed, or is being concurrently filed, in the United States Patent and Trademark Office. I hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/508,757, filed September 22, 2004) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, Sony Ericsson Mobile Communications AB, a corporation having a principal place of business at Nya Vattentornet, S-221 88, Lund, SWEDEN, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefore or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefore, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

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I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

I further covenant and agree to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and I hereby instruct, and further covenant and agree to bind my heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

| IN WITN | NESS WHEREOF | ', I have hereunt | o set my hand and | i seai on this _ | _ -< da | 13 |
|-----------------------|----------------|-------------------|-------------------|------------------|-------------------|----|
| of <u>Nev</u> | , 20 <u>04</u> | | | | | |
| | | Dan | liel Yalin Zhang | | _(SEAL |) |
| Witnessed by: | 4 | | | | | |
| Date: 2 <u>00 4 /</u> | 11/02 | <u> </u> | | | | |
| Date: | | | | | | |