

05-05-2004

ASSIGNMEN



R SHEET Patents Only

102737886

To: Commissioner for Patents:

Date: April 30, 2004  
Attorney Docket No. 9342-139

5.304

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- A. Bjorn Hansson
- B. Magnus Jendbro

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

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

Sony Ericsson Mobile Communications AB  
Nya Vattentorget  
S-221 88 Lund, Sweden

Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: A. April 27, 2004; April 27, 2004

OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS  
MAY - 3 10 04

4. Application Serial No. 10/729,354; Filed: December 5, 2003

If this document is being filed together with a new application, the execution date of the application is: A. April 27, 2004; April 27, 2004

Additional numbers attached? Yes  No

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

Robert N. Crouse  
Myers Bigel Sibley & Sajovec  
P. O. Box 37428  
Raleigh NC 27627

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: 50-0220

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.

Robert N. Crouse # 44,635

Name of Person Signing

Signature

April 30, 2004

Date

Total number of pages including cover sheet, attachments and document: 3

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Assignment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 30, 2004.

Audra Wooten

Date of Signature: April 30, 2004

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**PATENT**  
**REEL: 015281 FRAME: 0403**

**ASSIGNMENT**

THIS ASSIGNMENT, made by us, **Björn Hansson**, citizen of Sweden, residing at Barkgatan 12, SE-214 22 Malmö, Sweden; and **Magnus Jendbro**, citizen of Sweden, residing at Reallinjen 1, SE-224 73 Lund, Sweden

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS, SERVERS, MOBILE STATIONS, AND COMPUTER PROGRAM PRODUCTS USING GPS REFERENCED TIME AND DELAY INFORMATION IN MESSAGES FOR GPS TIME ASSISTANCE** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/729, 354, filed December 5, 2003) 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 organized under the laws of Sweden having a principal place of business at SE-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, we 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 thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, 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 us if this assignment and sale had not been made.

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

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

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us 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.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this twes - day of April 27th, 2004.

  
**Björn Hansson**

Witnessed by:

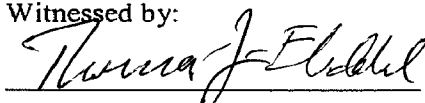
  
\_\_\_\_\_

Date: 2004-04-27

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this twes - day of April 27th, 2004.

  
**Magnus Jendbro**

Witnessed by:

  
\_\_\_\_\_

Date: 2004-04-27