

05-25-2004

1-31-92

Patent and Trademark Office

The Honorable Commissioner of Patents and Trademarks

documents or copy thereof.

1. Name of conveying party(ies):  
Stuart B. Sanders  
Allen M. East

51804

102752405  
Name and address of receiving party(ies):

Name: Sony Ericsson Mobile Communications AB

Internal Address:

Address: Nya Vattentornet S-221 88 Lund, Sweden

Additional names of conveying party(ies) attached? ☐ yes ☐ no

3. Nature of conveyance:

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

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

Execution Date: 04/15/04 and 05/18/04

4. Application number(s) or patent number(s):

10848329

If this document is being filed together with a new application, the execution date of the application is: 04/15/04 and 5/18/04

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: Michael D. Murphy

Internal Address: Coats &amp; Bennett, P.L.L.C.

Street Address: 1400 Crescent Green, Suite 300

City: Cary State: North Carolina Zip: 27511

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: 18-1167

(Attach duplicate copy of this page if paying by deposit account)

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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.*

Michael D. Murphy

Name of Person Signing

Signature

05/18/04

Date

Total number of pages comprising cover sheet: 1

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05/20/2004 SDIRETA1 00000092 10848329

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**PATENT**  
**REEL: 015349 FRAME: 0443**

22278 U.S. PTO  
10/848329



**ASSIGNMENT LETTER**

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we, **Stuart B. Sanders**, a citizen of the United States, residing at **103 Wittenham Drive, Cary, NC 27519**; and **Allen M. East**, a citizen of Great Britan, residing at **207 Marvista Court, Cary, NC 27511**; sell and assign to Sony Ericsson Mobile Communications AB, a corporation organized under the laws of Sweden, having registered offices at Nya Vattentorget, S-221 88 Lund, Sweden (the Company), its successors and assigns the entire right, title, and interest in and to the improvements in **A LOW COST METHOD FOR RECEIVING BROADCAST CHANNELS WITH A CELLULAR TERMINAL**, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting there from to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of the Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for the improvements in all countries.

5/18/2004  
Date

Stuart B. Sanders  
Stuart B. Sanders

\_\_\_\_\_  
Date

\_\_\_\_\_  
Allen M. East

STATE OF NORTH CAROLINA  
Wake County

I, Carthon T. Womble, a Notary Public for said County and State, do hereby certify that Stuart B. Sanders personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 18<sup>th</sup> day of May, 2004.

(Official Seal)

Carthon T. Womble  
Notary Public

My commission expires Oct 21, 2008.

**ASSIGNMENT LETTER**

STATE OF NORTH CAROLINA  
\_\_\_\_\_ County

I, \_\_\_\_\_, a Notary Public for said County and State,  
do hereby certify that Allen M. East personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_.

(Official Seal)

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_.

**ASSIGNMENT LETTER**

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we, **Stuart B. Sanders**, a citizen of the United States, residing at **103 Wittenham Drive, Cary, NC 27519**; and **Allen M. East**, a citizen of Great Britan, residing at **207 Marvista Court, Cary, NC 27511**; sell and assign to Sony Ericsson Mobile Communications AB, a corporation organized under the laws of Sweden, having registered offices at Nya Vattentornet, S-221 88 Lund, Sweden (the Company), its successors and assigns the entire right, title, and interest in and to the improvements in **A LOW COST METHOD FOR RECEIVING BROADCAST CHANNELS WITH A CELLULAR TERMINAL**, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said United States application, and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting there from to said Company, or its successors or assigns and agree that on request and without further consideration, but at the expense of the Company, we will communicate to said Company or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, and nominees to obtain and enforce proper patent protection for the improvements in all countries.

\_\_\_\_\_  
Date

2004-04-15

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Stuart B. Sanders**

  
\_\_\_\_\_  
**Allen M. East**

STATE OF NORTH CAROLINA  
\_\_\_\_\_  
County

I, \_\_\_\_\_, a Notary Public for said County and State, do hereby certify that Stuart B. Sanders personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

(Official Seal)

\_\_\_\_\_  
Notary Public

My commission expires \_\_\_\_\_, \_\_\_\_\_.

ASSIGNMENT LETTER

STATE OF NORTH CAROLINA

WAKE County

I, Donna J. Lewis, a Notary Public for said County and State,  
do hereby certify that Allen M. East personally appeared before me this day and acknowledged  
the due execution of the foregoing instrument.

Witness my hand and official seal, this the 15<sup>th</sup> day of April,  
2004.

(Official Seal)

Donna J. Lewis  
Notary Public

My commission expires 1-19-2008.