

09-16-2003

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9.2.03



Patent and Trademark Office

The Honorable Commissioner of Patent

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and original documents or copy thereof.

1. Name of conveying party(ies):  
Ali S. Khayrallah  
Carmela Cozzo  
Gregory E. Bottomley

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

Name: Telefonaktiebolaget L.M. Ericsson

Internal Address:

Street Address: Telefonplan, S-126 25 Stockholm, Sweden

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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

3. Nature of conveyance:

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

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

Execution Date: 8/29/03

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

If this document is being filed together with a new application, the execution date of the application is: 8/29/03

A. Patent Application No.(s)

B. Patent No.(s)

10/653679

Additional numbers attached?  Yes  No

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

6. Total number of applications and patents involved: 1

Name: Michael D. Murphy

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

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

Enclosed

Street Address: 1400 Crescent Green, Suite 300

Authorized to be charged to deposit account

City: Cary State: NC Zip: 27511

8. Deposit account number: 18-1167

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

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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

9/2/2003  
Date

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09/05/2003 WASFAW1 00000064 10653679

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40.00 DP

**PATENT**  
**REEL: 014477 FRAME: 0291**

22264 U.S. PTO  
10/653679  
09/02/03

**ASSIGNMENT LETTER**

In consideration of One Dollar and Other good and valuable consideration, of which we acknowledge receipt, we, **Ali S. Khayrallah**, a citizen of the United States, residing at **113 Streamview Drive, Cary, NC 27519**; **Carmela Cozzo**, a citizen of Italy, residing at **104 Northcote Drive, Cary, NC 27519**; and **Gregory E. Bottomley**, a citizen of the United States, residing at **100 Merlot Court, Cary, NC 27511**; sell and assign to Telefonaktiebolaget L.M. Ericsson, a corporation organized under the laws of Sweden, having registered offices at Telefonplan, S-126 25 Stockholm, Sweden (the Company), its successors and assigns the entire right, title, and interest in and to the improvements in a **Method and Apparatus for Finger Placement in a RAKE Receiver**, invented by us, as described in the application for United States patent executed concurrently herewith, and any and all applications for patent and patents therefor 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 therefrom 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.

8/29/03  
Date  
8/29/03  
Date  
8/29/03  
Date

Ali S. Khayrallah  
Ali S. Khayrallah  
Carmela Cozzo  
Carmela Cozzo  
Gregory E. Bottomley  
Gregory E. Bottomley

STATE OF NC  
WAKE County

I, HEATHER POWLAND, a Notary Public for said County and State, do hereby certify that **Ali S. Khayrallah** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 29 day of AUGUST, 2003.

(Official Seal)

Heather Powland  
Notary Public

My commission expires 09/30, 2004.

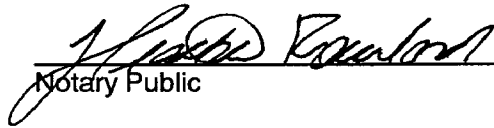
ASSIGNMENT LETTER

STATE OF NC  
WAKE County

I, HEATHER ROWLAND, a Notary Public for said County and State, do hereby certify that **Carmela Cozzo** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 29 day of AUGUST, 2003.

(Official Seal)

  
Notary Public

My commission expires 09/30, 2004.

STATE OF NC  
WAKE County

I, HEATHER ROWLAND, a Notary Public for said County and State, do hereby certify that **Gregory E. Bottomley** personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 09 day of AUGUST, 2003.

(Official Seal)

  
Notary Public

My commission expires 09/30, 2004.