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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

**JANNE MIKAEL SALONEN AND JUHA VALTAVAARA**

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

**NOKIA MOBILE PHONES LIMITED**

**KEILALAHDENTIE 4**

**02150 ESPOO, FINLAND**

3. Nature of conveyance:

**XXXXX**

Assignment

Merger

Security Agreement

Change of Name

Other:

Execution Date: **January 4, 2001 and December 20, 2000, respectively**

4. Application number(s) or application date(s):

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

A. Application No.

B. Application Date

**09/669,643**

**September 26, 2000**

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

Harry F. Smith, Esq.

Ohlandt, Greeley, Ruggiero & Perle, L.L.P.

One Landmark Square, 9th Floor

Stamford, Connecticut 06901-2682 U.S.A.

6. Total No. of applications and patents involved: 1

7. Total Fee (37 C.F.R. 3.41(h)). \$40.00/assignment.

**XXXXX**

Enclosed

Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

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.

Harry F. Smith  
Name of Person Signing

Signature

1/9/01  
Date

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

**PATENT**  
**REEL: 011433 FRAME: 0536**

**ASSIGNMENT**

FOR valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Janne Mikael Salonen, a citizen of FINLAND, and a resident of OULU, FINLAND and I, Juha Valtavaara, a citizen of FINLAND and a resident of OULU, FINLAND have invented certain new and useful improvements in

**ANTENNA VERIFICATION METHOD FOR ADVANCED CLOSED LOOP MODE-ONE  
TRANSMITTER ANTENNA DIVERSITY**

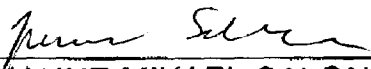
hereby assigns to NOKIA MOBILE PHONES LIMITED a corporation having its principal office at KEILALAHDENTIE 4, 02150 ESPOO, FINLAND (hereinafter referred to as "Assignee"), of the entire right, title and interest in and to such invention, together with the patent rights and rights of protection to the same throughout the world, including the rights to claim priority, and including any patent rights which may result from the application for United States Letters Patent which was filed in the United States Patent and Trademark Office on September 26, 2000, and assigned U.S. Application Serial No. 09/669,643, and any continuation, divisions, continuation-in-part applications, inventor's certificate and extensions thereof, preparatory to obtaining Letters Patent of the United States therefor; said invention, application and Letters Patent to be held and enjoyed by said Assignee for their own use and behoof and for the use and behoof of their successors and assigns, to the full end of the term for which said Letters Patent or other rights of protection may be granted as entirely as the same would have been held and enjoyed by us had the assignment not been made.

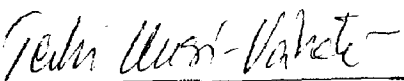
AND WE COVENANT and AGREE and WARRANT that we have a full and unencumbered title to the invention hereby assigned, and we further covenant and agree that we have the right to grant such rights to said invention and application and Letters Patent and that we will, at any time upon request without cost to us or further


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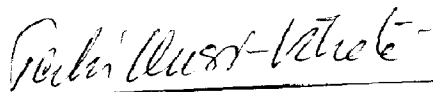
compensation, execute and deliver any and all papers or instruments that, in the opinion of the Assignee, may be necessary or desirable to secure said Assignee the full enjoyment of the rights and properties herein conveyed or intended to be conveyed by this instrument.

IN WITNESS WHEREFORE, we have hereunto set our hands and seal:

Date: 04.01., 2000   
By: JANNE MIKAEL SALONEN

Date: 4.1., 2000   
WITNESS

Date: 20.12., 2000   
By: JUHA VALTAVAARA

Date: 20.12, 2000   
WITNESS