

11-02-1998



100865075

FORM PTO-1595

(Rev. 6-93)

MRO 10.26.98

OMB No. 0651-0011 (exp. 4/94)

M&G- 11784.50US01

R

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Matti Kalevi Kilkki Jussi Pekka Olavi Ruutu</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Nokia Telecommunications, OY Keilalahdentie 4 02150 Espoo Finland</p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
--	--

Jc551 U.S. PTO  
09/178658  
10/26/98

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: October 21, 1998; October 23, 1998

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: October 23, 1998

A. Patent Application No.(s)

B. Patent No.(s)

09/178658

Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Steven R. Funk Address: Merchant, Gould, Smith, Edell, Welter &amp; Schmidt, P.A. 3100 Norwest Center 90 South Seventh Street Minneapolis, MN 55402-4131</p>	<p>6. Total number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00  <input checked="" type="checkbox"/> Enclosed  <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Please charge any additional fees or credit any overpayments to our Deposit account number: 13-2725</p>
--	---

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.

Steven R. Funk  
Name of Person Signing

Signature

October 26, 1998  
Date

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks  
Box Assignments  
Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of information systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

10/30/1998 INQUIRY 00000046 09178658  
01 FC:581 40.00 OP

PATENT  
REEL: 9542 FRAME: 0221

**ASSIGNMENT**

WHEREAS, we, Matti Kalevi Kilkki, residing at 425 Woburn Street, Suite 45, Lexington, Massachusetts 02173; and Jussi Pekka Olavi Ruutu, residing at Illansuu 2 D4, FIN-02210 Espoo, Finland, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on even date herewith, which is entitled CDMA COMMUNICATION SYSTEM AND METHOD USING PRIORITY-BASED SIMA QUALITY OF SERVICE CLASS.

AND WHEREAS, NOKIA TELECOMMUNICATIONS, OY, a corporation organized and existing under and by virtue of the laws of the Country of Finland, and having an office and place of business at Keilalahdentie 4, 02150 Espoo, Finland (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and

the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of  
October, 1998.

X Matti Kalevi Kilkki

Matti Kalevi Kilkki

IN TESTIMONY WHEREOF, I have hereunto set my hand this 21<sup>st</sup> day of  
October, 1998.

X Jussi Pekka Olavi Ruutu

Jussi Pekka Olavi Ruutu