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Docket No. KOLS 026PA (2020293US)



U.S. DEPARTMENT OF COMMERCE

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1. Name of conveying party(ies):

Jarkko JOUPPI  
Juha WILJAKKA  
Janne RINNE  
Lassi HIPPELAINEN  
Tuija HURTTA  
Serge HAUMONT

6-10-03

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

Nokia Corporation  
Keilalahdentie 4  
FIN-02150 Espoo  
FINLAND

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: March 17, 2003; March 24, 2003; March 27,  
2003; March 26, 2003; April 10, 2003; and April 14, 2003

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

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

A. Patent Application No.(s)

B. Patent No.(s)

10/365,916 filed on February 12, 2003

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: Steven R. Funk  
Address: CRAWFORD MAUNU PLLC  
1270 Northland Drive  
Suite 390  
St. Paul, MN 55120

7. Total fee (37 CFR 3.41): \$40  
☒ Authorized to be charged to deposit account number  
50-0996 (KOLS.026PA)

8. Please charge any additional fees or credit any  
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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.

Steven R. Funk

Name of Person Signing

Signature

June 4, 2003

Date

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PATENT  
REEL: 014151 FRAME: 0496

## ASSIGNMENT

WHEREAS, we: Jarkko JOUPPI, Juha WILJAKKA, Janne RINNE, Lassi

HIPPELÄINEN, Tuija HURTTA and Serge HAUMONT, residing at  
JOUPPI: Ojavainionkatu 15 C 11, FIN-33710 Tampere, Finland  
WILJAKKA: Heittolantie 170, FIN-39580 Riitila, Finland  
RINNE: Piettasenkatu 32 D, FIN-33580 Tampere, Finland  
HIPPELÄINEN: Kajanuksenkatu 7 A 11, FIN-00250 Helsinki, Finland  
HURTTA: Kiskottajankuja 4 D 49, FIN-02660 Espoo, Finland  
HAUMONT: Riistavuorenkuja 3 B 10, FIN-00320 Helsinki, Finland

; made certain new and useful inventions and improvements for which we herewith file an application for which Letters Patent of the United States; which is entitled: TRANSMISSION OF PACKET DATA TO A WIRELESS TERMINAL (Atty. Docket No. KOLS.026PA/2020293US/Sml).

AND WHEREAS, Nokia Corporation, a corporation organized under the laws of Finland and having an office and place of business at Keilalahdentie 4, FIN-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;

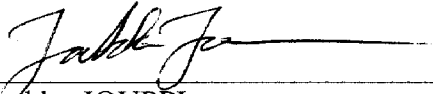
NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer 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.

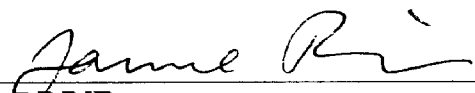
IN TESTIMONY WHEREOF, I have hereunto set my hand this 17<sup>th</sup> day of March, 2003.

  
Jarkko JOUPPI

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24<sup>th</sup> day of MARCH, 2003.

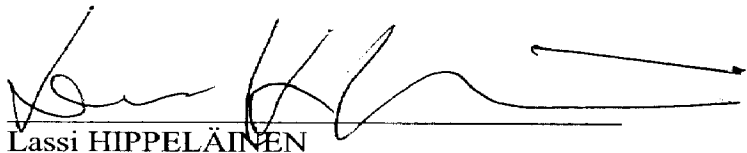
  
Juha WILJAKKA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 24<sup>th</sup> day of MARCH, 2003.

  
Janne RINNE


IN TESTIMONY WHEREOF, I have hereunto set my hand this 26 day of

March, 2003.

  
Lassi HIPPELÄINEN


IN TESTIMONY WHEREOF, I have hereunto set my hand this 10 day of

April, 2003.

  
Tuija HURTTA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 14 day of

April, 2003.

  
Serge HAUMONT