



11-14-2003



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Form PTO-1592 (modified)

Attorney Docket No. 004770.00130
Final documents or copies thereof:

To the Honorable Commissioner of Patents and

1. Name of Conveying Party or Parties:

Seppo PYHÄLAMMI
Juha CAVÉN
Ilari LÄHTEENMÄKI
Henri ROTH

Additional Names of conveying party or parties attached?

☐ Yes ☒ No

2. Name and address of receiving party or parties:

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
FINLANDAdditional Name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other

Execution Dates: October 15, 2003, October 20, 2003,
October 17, 2003 and October 17, 2003, respectively

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: _____

A. Patent Application Number(s):

10/651,211

Additional Patents and applications listed on Schedule A attached? ☐ Yes ☒ No

B. Patent Number(s):

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

Banner & Witcoff, Ltd.
1001 G Street, N.W., 11th Floor
Washington, D. C. 20001

6. Total Number of Applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40

☐ Enclosed☒ Authorized to be charged to deposit account☒ Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:

19-0733 (in the event additional fees are required)

(Duplicate copy of this page attached 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.

H. Wayne Porter, Reg. No. 42,084

Name of Person Signing

Signature

October 31, 2003

Date

Total Number of Pages comprising Cover Sheet: 1

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PATENT
REEL: 014685 FRAME: 0199

ASSIGNMENT

WHEREAS, we, Seppo Pyhälampi, residing at Pikkusuontie 5, 00670 Helsinki, FINLAND, Juha Cavén, residing at Koljontie 11, 33500 Tampere, FINLAND, Ilari Lähteenmäki, residing at Ristikatu 8, 33200 Tampere, FINLAND and Henri Roth, residing at Koulukatu 16, 33200 Tampere, FINLAND (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 004770.00130 and having the title

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which application is executed concurrently herewith by each respective inventor, unless the following box is checked:

[X] was filed on August 29, 2003 as U.S. Application Serial No. or PCT
International Application Number 10/651,211

and WHEREAS

Nokia Corporation
Keilalahdentie 4
FIN-02150 Espoo
FINLAND

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

We hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

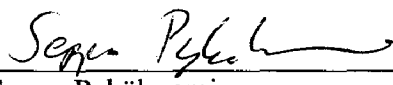
And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and

enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

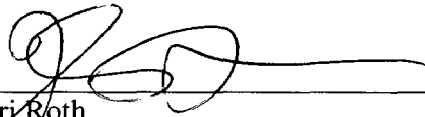
And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information sufficient to identify the patent application to which this assignment pertains.

Date: 15.10.2003 Inventor: 
Seppo Pyhälä

Date: 20.10.2003 Inventor: 
Juhana Cavén

Date: 17.10.2003 Inventor: 
Ilari Lähteenmäki

Date: 17.10.2003 Inventor: 
Henri Roth

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
WASHINGTON, D.C. 20001-4597
(202) 824-3000