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Docket No. 10/531101
006559.00008

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(Rev. 03-01)
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P08A/REV03

09-12-2005

COVER SHEET U.S. DEPARTMENT OF COMMERCE
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Tab settings

To the Director of the United States Patent and Trademark Office

to record the attached original documents or copy thereof.

1. Name of conveying party(ies):

AALTONEN, Janne

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

Name: Nokia Corporation

Address: Keilalahdentie 4

Additional names(s) of conveying party(ies) Yes No.

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

City: Espoo State/Prov.: _____

Country: Finland ZIP: FIN-02150

Execution Date: April 4, 2005

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

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

If this document is being filed together with a new application, the execution date of the application is: April 4, 2005

Patent Application No. _____ Filing date _____

B. Patent No.(s) _____

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Additional numbers Yes No

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

Name: Bradley C. Wright

Registration No. 38,061

Address: Banner & Witcoff, Ltd.

1001 G Street N.W.

Eleventh Floor

City: Washington State/Prov.: D.C.

Country: U.S.A. ZIP: 20001-4597

6. Total number of applications and patents involved:

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

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19-0733

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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.

Bradley C. Wright

Name of Person Signing

Signature

4-11-05

Date

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Mail documents to be recorded with required cover sheet information to:
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P.O. Box 1450, Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS I, Janne AALTONEN, Residing at Hirvikoirankatu 15, FIN-20900 Turku, Finland, is the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 006559.00006 and having the title:

MULTICAST DATA TRANSFER

for which an application for Letters Patent of the United States has been prepared,

- the Declaration for said application executed on even date herewith;
 said application having been filed in the United States Patent and Trademark Office on _____ and accorded Serial Number _____, and was amended on _____ (if applicable);
 said application having been filed under the Patent Cooperation Treaty on 24 September 2003 and accorded Application No. PCT/IB2003/004309, the United States of America being designated;

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,

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

And I further covenant and agree that I 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 I 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 I authorize the **ASSIGNEE** or its **NOMINEES** to file in my name or their own, as appropriate, application for **LETTERS PATENT** in any and all countries of the world, and I 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 I 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: 4.4.2005

Signature: 
Name: Janne AALTONEN

Note: No legalization or other witness required.

LAW OFFICES

Banner & Witcoff, LTD
1001 G Street, N.W.
WASHINGTON, D.C. 20001-4597
Tel.: (202) 824-3000