02-07-2003 U.S. DEPARTMENT OF COMMERCE Form PTO-1595 U.S. Patent and Trademark Office (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) 102360098 To the Honorable Commissioner of Patents and Trademarks: Please Record the aπacried original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Dirk Trossen 01-29.03 Kuleen Mehta Name: Nokia Corporation Internal Address: Additional name of conveying party(ies) attached?

Yes

No Nature of conveyance: Street Address Keilalahdentie 4 Assignment Merger City: IN-02150 Espoo, FINLANS Change of Name Security Agreement Additional Name(s) & address(es) attached Yes No Other ___ Execution Date: January 16, 2003 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution data of the application is: January 29, 2002. B. Patent No.(s) A. Patent Application No.(s) 2550 10353014 Additional numbers attached? ☐ Yes ☒ No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning this document should be mailed: Name: Anthony W. Kandare 7. Total fee (37 CFR 3.41) \$ 40.00 Internal Address: Banner & Witcoff, Ltd. ☐ Enclosed Authorized to be charged to deposit account 8. Deposit account number: Street Address: 1001 G Street, N. W. 19-0733

Zip: 20001

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9. Statement and signature.

City: Washington

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. Anthony W. Kandare, Reg. No. 48,830

Name of Person Signing

Jan. 29, 2003

Total number of pages including cover sheet, attachments, and documents: 3 Mail documents to be recorded with required cover sheet information to:

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State: D. C.

Washington, D.C. 20231

PATENT REEL: 013723 FRAME: 0660 **FINLAND**

BW 05288.00083 NC 34901 and 34902

ASSIGNMENT

WHEREAS, we, Dirk Trossen, residing at 515 Putnam Avenue, Unit 5, Cambridge, Massachusetts 02139 and Kuleen Mehta, residing at 325663 Georgia Tech Station, Atlanta, Georgia 30332; (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 005299.00083 and having the title

ACCESS RIGHT CONTROL USING ACCESS CONTROL ALERTS

which application was [one of the following]	
X executed on	[Date or dates] or
filed on and assign	ned application serial number;
and WHEREAS	
Nokia Corporation Keilalahdentie 4 IN-02150 Espoo	

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;

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PATENT REEL: 013723 FRAME: 0661

Joint Assignment BW 005288.00083 NC 34901 and 34902

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: 1-29-2003 Inventor:

Dirk Trossen

Date: 01/29/03 In

Inventor:

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
1001 G STREET, N.W.
WASHINGTON, D.C. 20001-4597
(202) 508-9100

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