

05-23-2002

Tab settings

To the Honorable Commissioner of Patents

102101398

See the attached original documents or copy thereof.

1. Name of conveying party(ies):

Zoe Antoniou  
Sudhir Dixit

2. Name and address of receiving party(ies)

Name: Nokia Corporation

Internal Address:

Additional name of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Street Address: Keilalahdentie 4

FIN-02150 ESPOO

Country: FINLAND

Additional Name(s) & address(es) attached? ☐ Yes ☒ No

Execution Date: May 15, 2002

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: May 15, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Bradley C. Wright

Internal Address: Banner & Witcoff, Ltd.

Street Address: 1001 G Street, NW

11<sup>th</sup> Floor

City: Washington State: DC Zip: 20001

6. Total number of applications and patents involved: 1

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

- ☐ Enclosed  
☒ Authorized to be charged to deposit account

8. Deposit account number: 19-0733

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

Express Mail No. EV 075510271 US

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.

Kenneth F. Smolik

Name of Person Signing

Signature

May 15, 2002

Date

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

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

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

05/23/2002 TDI A21 00000062 190733 10145655

01 FC:581 40.00 CH

PATENT  
REEL: 012909 FRAME: 0330

ASSIGNMENT

WHEREAS, we, Zoe Antoniou, residing at 275 Main Street, #402, Watertown, Massachusetts and Sudhir Dixit, residing at 12 Westerly Road, Weston, Massachusetts (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 05288.00044 and having the title:

**A SERVICE-ORIENTED PROTECTION SCHEME FOR A RADIO ACCESS NETWORK**

which application was

executed on May 15, 2002 or

filed on \_\_\_\_\_ and assigned application number \_\_\_\_\_;

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).

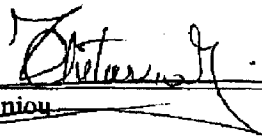
And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;

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;

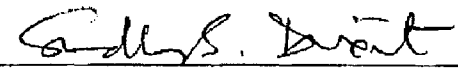
And we authorize the ASSIGNEE or its NOMINEES to file in our names or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, 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.

May 15 2002  
Date:

  
Zoe Antoniou

May 15, 2002  
Date

  
Sudhir Dixit

Note: No legalization or other witness required.

LAW OFFICES  
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