

05-19-2000

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

101361356

To the Honorable Commissioner of Pat
Please record the attached origi

1. Name of conveying party(ies):

William Thornton

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

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

Name:

Nokia Networks Oy

Internal Address:

Keilalahdentie 4, FIN-02150 ESPOO, FINLAND

Street Address:

City:

Province:

Country: Finland

Postal Code:

Additional name(s) & address(es) attached?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other _____

Execution Date: April 28, 2000

09/568225

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: April 28, 2000

A. Patent Application No.(s):

(include series code or filing date)

B. Patent No.(s):

Additional application or patent numbers attached? ☐ YES ☒ NO

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

Name: Banner & Witcoff, Ltd.

Address: 1001 G Street, N.W., 11th Floor

City: Washington

State: D.C. Zip: 20001-4597

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41)

\$ 40.00

☒ Enclosed ☐ Authorized to charge Deposit Account 19-0733

8. Should any fee adjustment be necessary to effect proper recordation, please debit or credit our Deposit Account No. 19-0733, as necessary.

05/17/2000 JARTIS 00000018 09568225

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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.

Daniel E. Fisher, Reg. 34,162

Name of Person Signing

Signature

May 9, 2000

Date

Atty. Docket No.: 4770.54940

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

ASSIGNMENT

WHEREAS, I, William Thornton, residing at 6119 Bandera Ave., Apt. D, Dallas, Texas 75225 (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 4770.84940 and having the title

HALF-SAWTOOTH MICROSTRIP DIRECTIONAL COUPLER

which application was [one of the following]

executed on _____ [Date or dates] or

filed on _____ [Filing date] and assigned application serial number _____ ;

and WHEREAS

NOKIA NETWORKS OY
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).

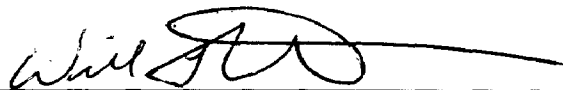
And I covenant that I have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

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 my 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: 28 April 2000 Inventor:



William Thornton

Note: No legalization or other witness required.

LAW OFFICES
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