

RD 11.09.99

FORM PTO-1595

11-22-1999

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE



101205305

To the Honorable Commissioner of Patents
Please record the attached original

11/09/99
09/436402
jc590 U.S. PTO

1. Name of conveying party(ies):
Roger Branson
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: **November 4, 1999**

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: **November 4, 1999**
A. Patent Application No.(s):
(include series code or filing date)
B. Patent No.(s):
09/436402
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.

DO NOT USE THIS SPACE

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
Name of Person Signing: Daniel E. Fisher, Reg. 34,162 Signature: _____ Date: November 9, 1999
Atty. Docket No.: 4770.84267

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

11/19/1999
03 FC:581
PILLEN
0000047 09436402

ASSIGNMENT

WHEREAS, I, Roger Branson, residing at ²⁴⁰⁰ ~~2400~~ Shasta Lane, Flower Mound, Texas 75028 (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by Attorney Docket No. 4770.82467 and having the title

**MIXER USING FOUR QUADRANT MULTIPLIER
WITH REACTIVE FEEDBACK ELEMENTS**

which application was

executed on 11-4-99 [Date or dates] or

filed on 11-9-99 [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: 11/04/99

Inventor:



Roger Branson

Note: No legalization or other witness required.

LAW OFFICES
BANNER & WITCOFF, LTD.
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