

11-11-011  
09-17-2004

Form PTO-1595  
(Rev. 03/01)  
OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissi



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U.S. DEPARTMENT OF COMMERCE  
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original documents or copy thereof.

1. Name of conveying party(ies):  
  
Manfred Weiss

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

2. Name and address of receiving party(ies)  
Name: Nokia Corporation  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Street Address: Keilalahdentie 4  
FIN-02150 ESPOO FINLAND  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_  
Additional Name(s) & address(es) attached?  Yes  No

16894 U.S. PTO  
10/936529



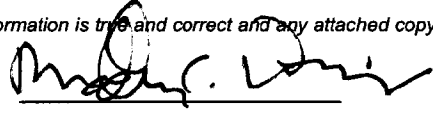
3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: August 31, 2004

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: August 31, 2004  
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: Banner & Witcoff, Ltd.  
Internal Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Street Address: 1001 G Street, N.W., 11<sup>th</sup> Floor  
City: Washington State: D.C. Zip: 20001

6. Total number of applications and patents involved: 1  
7. Total fee (37 CFR 3.41) . . . . . \$ 40  
 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)

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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, Reg. No. 38,061  September 9, 2004  
Name of Person Signing Signature Date  
006559.00003  
Total number of pages including cover sheet, attachments, and documents: 3

09/16/2004 ECDOPER 00000163 190733 10936529  
01 FC18021 40.00 DA

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 015815 FRAME: 0767

ASSIGNMENT

WHEREAS, I, Manfred Weiss, residing at Haldenstrasse. 16; 88430 Rot-Haslach Germany (ASSIGNOR), am the inventor of certain inventions and improvements described in a U.S. patent application identified by having the title

RAMP SIGNAL WITH BOOST PORTION PRECEDING A TIME SLOT

which application is attached hereto,

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,

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: 31.08.2004      Inventor: Manfred Weiss  
Manfred Weiss

Note: No legalization or other witness required.

LAW OFFICES  
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