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Janne Parantainen
Oscar SalonahoMRD
5-18-99

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

Nokia Telecommunications Oy
Keilalahdentie 4
FIN-02150 Espoo
FinlandAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoAdditional name(s) & address(es) attached? ☐ Yes ☒ No

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Execution Date: 15 April 1999, 19 April 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:

A. Patent Application No.(s)

09/276,127

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael B. Lasky
Address: Merchant & Gould P.C.
3100 Norwest Center
90 South Seventh Street
Minneapolis, MN 55402-4131

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
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PATENT
REEL: 009962 FRAME: 0383

INSTRUCTIONS**ASSIGNMENT OF U.S. RIGHTS TO CORPORATION**

WHEREAS,

Inventor(s) Name,
Address, Citizenship

1. Janne PARANTAINEN residing at Franzeninkatu 5 C 75, FIN-00500 Helsinki, Finland and a citizen of Finland;
2. Oscar SALONAHON residing at Oksasenkatu 4bA 8, FIN-00100 Helsinki, Finland and a citizen of Finland;

Date Patent Declaration
Signed and Title Serial
No. and filing date (if
known)

(herein called "THE UNDERSIGNED") have made an invention and have executed an application for Letters Patent of the United States on _____ for this invention, which application is entitled ADAPTIVE FREQUENCY PLANNING IN A CELLULAR NETWORK and which has been given Serial Number 09/276,127 and the filing date of 25 March 1999;

Name of Corporation

AND WHEREAS Nokia Telecommunications Oy (herein called "ASSIGNEE"), a corporation organized under the laws of Finland, and having an office and place of business at Keilalahdentie 4, FIN-02150 Espoo, Finland

State or Country of
Incorporation and Address

wishes to acquire the entire right, title and interest in and to said invention and patent application and any Letters Patent to be obtained therefor;

NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, THE UNDERSIGNED hereby sell, assign and transfer to the ASSIGNEE, its successors and assigns, the entire right, title and interest for the United States in and to the invention disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and THE UNDERSIGNED hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to the ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said ASSIGNEE its successors and assigns, that no assignment grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

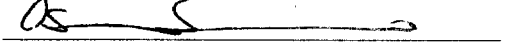
IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

Each inventor must sign & date


Janne PARANTAINEN

4/15/1999
Date

Note: No legalization or other
witness required


Oscar SALONAHON

19/4/1999
Date