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SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
Attorney Docket 4925-304PUS

To the Honorable Commiss.

102448030

he attached original documents or copy thereof.

1. Name of conveying party(ies):
Timo RANTALAINEN
Jani MOILANEN
Ville RUUTU

4-75.03

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

Name: Nokia Corporation

Internal Address:

Street Address: Keilalahdentie 4City: EspooState/Country: FinlandZip: 02150Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

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

Execution Date: 4/10/2003; 4/14/2003

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)
10/362,397

B. Patent No.(s)
n/a

Additional numbers attached? ☐ Yes ☒ No

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

Name: Michael C. StuartInternal Address: Cohen, Pontani, Lieberman & PavaneStreet Address: 551 Fifth Avenue, 12th FloorCity: New York State: New York Zip: 10176

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: 03-2412
(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.

Michael C. Stuart
Name of Person Signing
Reg. No. 35,698

Signature

April 24, 2003
Date

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

4

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, We the undersigned, **Timo RANTALAINEN, Jani MOILANEN, Ville RUUTU** (hereinafter referred to as "ASSIGNOR"):

Hereby sell, assign and transfer to **Nokia Corporation** (hereinafter referred to as "ASSIGNEE"), a corporation of Finland, having a place of business at Keilalahdentie 4, 02150 Espoo, Finland, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to the invention which is disclosed in the application for United States Letters Patent, which is the U.S. national stage application of International PCT Application No. **PCT/EP01/07330**, filed on **June 27, 2001**, and which is entitled

**METHODS FOR DETERMINING TIMES AND CHANGES OF TIMES OF
TRANSMISSION, RADIO COMMUNICATIONS SYSTEM AND PROCESSOR**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said invention; and in and to all original, reissued and other patents and certificates of invention which have been or shall be issued in the United States and all foreign countries on said invention;

Agree that said Assignee may apply for and receive Letters Patent for said invention in its own name, and that, when requested, without further consideration from or charge to, but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional,

continuing, substitute, renewal, reissue, and all other patent applications on said invention; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said invention and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said invention and for vesting title to said invention and all applications for patents and all patents on said invention, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: APRIL 10TH, 2003
month/day/year

Timo Rantalainen
Timo RANTALAINEN

[Signature]
Witness Janne Parantainen

[Signature]
Witness Olivier Guyot

Date: 04/10/2003
month/day/year

[Signature]
Jani MOILANEN

[Signature]
Witness Christophe LOUARGANT

[Signature]
Witness Konstantin Shemyak

Date: 04/14/2003
month/day/year

Ville Ruutu
Ville RUUTU

Hika Mäkelä
Witness Hika MÄKELÄ
Tomi Helli
Witness TOMI HELLÄ