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872.0125.U1**6**US

Commissioner of Patents and Trademarks, Washington, D.C. 20231 Please record the attached document 2. Name and address of receiving party (ies): 1. Name of conveying party(ies): 10-8-02 Name: Nokia Corporation Outi Rikola Anna-Mari Seppänen Additional name(s) of conveying party (ies) attached? Yes Address: Keilalahdentie 4 3. Nature of Conveyance: City: Espoo State: ZIP Code: 02150 □ Assignment Merger Change of Name Security Agreement Other: Country: Finland Additional name(s) & address(es) attached? Execution Date: October 8, 2002 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: October 8, 2002 B. Patent No.(s): A. Patent Application No.(s): 6. Total number of applications 5. Name and address of party to whom correspondence concerning document should be mailed: and/or patents involved: 7. Total fee (37 CFR 3.41):\$40.00 Name: Harry F. Smith □ Enclosed Address: Harrington & Smith, LLP Charge deposit account 4 Research Drive Please charge any fee deficiency to deposit account City: Shelton ZIP Code: 06484-6212 8. Deposit account number: 50-1924 State: CT 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, the attached document is either an original document or a true copy of the original document. Mark F. Warning Signature 10/8/02 Date Mark F. Harrington Name of Person Signing Total number of pages including cover sheet(s): 4 Page 1 of 1.

10/10/2002 AOSMAN1 00000028 10266237 03 FC:581 40.00 DP For X U.S. and/or X Foreign Rights
For X U.S. Application or LU.S. Patent
For PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No. 872.0125.U1(US) NC35583

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

(1) FULL NAME OF INVENTOR	LAST NAME Rikola	FIRST NAME Outi	MIDDLE INITIAL
RESIDENCE & CITIZENSHIP	STATE OR COUNTRY Oulu, Finland	Y	CITIZENSHIP Finland
POST OFFICE ADDRESS	P.O. ADDRESS Kuovitie 8 B 3		CITY & COUNTRY FIN-90540 Oulu Finland

(2) ASSIGNOR (inventor):

(2) FULL NAME	LAST NAME	FIRST NAME	MIDDLE INITIAL
OF INVENTOR	Seppänen	Anna-Mari	
RESIDENCE & CITIZENSHIP	STATE OR COUNTRY Oulu, Finland	ľ	CITIZENSHIP Finland
POST OFFICE	P.O. ADDRESS		CITY & COUNTRY
ADDRESS	Kummelitie 9		FIN-90520 Oulu Finland

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

Nokia Corporation

Keilalahdentic 4, 02150 Espoo , Finland

and the successors, assigns and legal representatives of the ASSIGNEE

X the entire right, title and interest
for the United States and its territorial possessions
X and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

1

PATENT

REEL: 013371 FRAME: 0653

METHOD AND APPARATUS FOR MAINTAINING DESIRED LINK QUALITY WHEN NO DATA IS TRANSMITTED ON TRANSPORT CHANNELS HAVING QUALITY TARGETS

that is found in

\underline{X} the patent application executed on the same date herewith,			
_ U.S. Patent Application No.: filed			
X and any legal equivalent thereof in a foreign country, including the right to claim priority			

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, lingation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

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PATENT

REEL: 013371 FRAME: 0654

TM M	1	nave hereunto set hand and seal this
8,	Oct 2002 (Da	te of Signing).
(1)	Outi Rikola Assignor Name	Signature
	Witnessed by	Simones Scaller
		Signature
		3 oct 2002
		Date
(2)	Anna-Mari Seppänen Assignor Name	Ann Mai Serana Signature
	Witnessed by	Signature Section

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