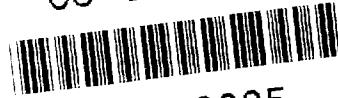


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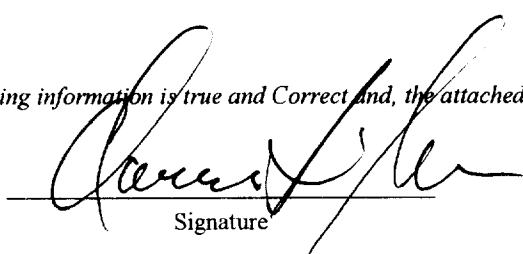
1 SHEET



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<p>1. Name of conveying party(ies):</p> <p>1) Jarmo KUUSINEN 2) Matti TURUNEN 3) Markku OJALA</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Nokia Corporation</p> <p>Address: Keilalahdentie 4</p> <p>City: 02150 Espoo State: ZIP Code: Country: Finland</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: 1) signed on March 17, 2002, 2) signed on March 19, 2002 3) signed on March 27, 2002</p>	<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No.(s): 10/036,215</p> <p>B. Patent No.(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Clarence A. Green Address: Perman & Green, LLP 425 Post Road City: Fairfield State: CT ZIP Code: 06430-6232</p>	<p>6. Total number of applications and/or patents involved: 1</p> <p>7. Total fee (37 CFR 3.41):\$40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: <u>16-1350</u></p>
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<p>9. Statement And Signature:</p> <p><i>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.</i></p> <p>Clarence A. Green Name of Person Signing</p> <p> Signature</p> <p>April 17, 2002 Date</p> <p>Customer No.: 2512 Total number of pages including cover sheet(s): 3</p>	

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This is an Assignment of the following rights, title and interest: (check all that apply):

- United States of America rights, title and interest in the invention*
- Foreign rights, title and interest in the invention*
- United States Patent Application Serial No.: 10/036,215*

Date of Execution: _____ *Date of Filing: December 28, 2001*

- United States Provisional Patent Application Serial No.:*
- United States Patent No(s):*
- International (PCT) Patent Application Serial No.:*
- Other (specify):*

TITLE OF THE INVENTION

DETERMINATION OF BIT RATE

INVENTORS (ASSIGNORS)

<i>NAME</i>	<i>ADDRESS</i>
Jarmo KUUSINEN	Lehtorannantie 16 A 11, FIN-40520 Jyväskylä, Finland
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Markku OJALA	Ritakatu 3 K 22, FIN-33530 Tampere, Finland Ritakatu 35 A 19, 33100 TAMPERE, FINLAND (Markku Ojala 27 March 2002) MARKKU OJALA

ASSIGNEE

<i>NAME</i>	<i>ADDRESS</i>
<i>Nokia Corporation</i>	<i>Keilalahdentie 4 FIN-02150 Espoo Finland</i>

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

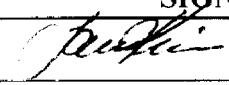

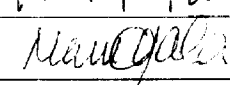
Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to added page(s))

NAME	SIGNATURE & DATE
Jarmo KUUSINEN	 17 March 2002
Matti TURUNEN	 14 March 2002
Markku OJALA	 27 March 2002

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