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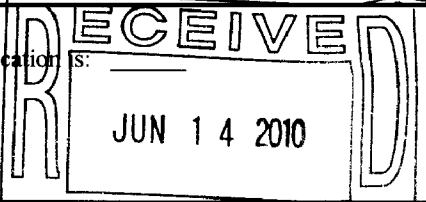
Commissioner of Patents and Trademark



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<p>1. Name of conveying party(ies):</p> <p>Lasse LAAKSONEN Mikko TAMMI Adriana VASILACHE Anssi RAMO</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>Name and address of receiving party(ies):</p> <p>Name: Nokia Corporation</p> <p>Address: Keilalahdentie 4</p> <p>City: Espoo State: ZIP Code: 02150</p> <p>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: May 12, 2010</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): 12/741,523</p> <p>B. Patent No.(s):</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		
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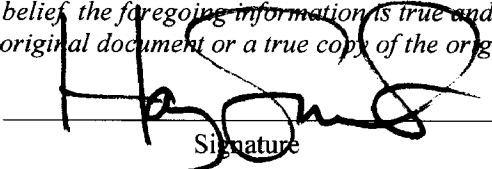
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Harry F. Smith, Esq. Address: Harrington & Smith, Attorneys at Law, LLC 4 Research Drive</p> <p>City: Shelton</p> <p>State: CT ZIP Code: 06484-6212</p>	<p>6. Total number of applications and/or patents involved: 1</p> <p>7. Total fee (37 CFR 3.41): \$40.00</p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account</p> <p>8. Deposit account number: 50-1924</p>
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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.

Harry F. Smith
Name of Person Signing


Signature

6/10/2010
Date

Total number of pages including cover sheet(s): 7
Page 1 of 7.

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For U.S. and/or Foreign Rights

For U.S. Application or U.S. Patent

For PCT International Application

ASSIGNMENT OF INVENTION

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):

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(3) ASSIGNOR (inventor):

FULL NAME OF INVENTOR: LAST NAME FIRST NAME MIDDLE NAME
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(4) ASSIGNOR (inventor):

FULL NAME LAST NAME FIRST NAME MIDDLE NAME
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CITIZENSHIP: **Tampere, Finland** **Finland**

POST OFFICE ADDRESS: **Velholehdenkatu 9, FI-33720, Tampere, Finland**

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

ASSIGNEE:

Nokia Corporation
Keilalahdentie 4
02150 Espoo
Finland

and the successors, assigns and legal representatives of the ASSIGNEE, the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, including all rights to claim priority, and to any and all improvements which are disclosed in the invention entitled:

An Encoder

which is found in:

- the patent application executed on the same date herewith,
- U.S. patent application number _____ filed _____,
- PCT International Application No. PCT/EP2007/061917 filed 6 November 2007,
- 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;

and any prior U.S. provisional patent application(s) (if any) including the following:

Application No.: _____ Filing Date: _____.

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.

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(1) Lasse LAAKSONEN
Assignor Name




Signature

12 May 2010

Date

(2) Mikko TAMMI
Assignor Name



Signature

12 May 2010

Date

(3) Adriana VASILACHE
Assignor Name

Adriana Vasilache
Signature

12.05.2010
Date

(4) Anssi RAMO
Assignor Name

Anssi Rāmō
Signature

12 MAY 2010
Date