

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Arto Lehtonen	06/11/1997
Jari Maenpaa	06/12/1997
Petri Nykanen	06/13/1997
Mikko Terho	06/16/1997
Teemu Tarnanen	06/09/1997
Kalevi Kaartinen	06/25/1997
Peter Decker	06/25/1997
Pete Pihko	06/11/1997
Hannu H. Kari	06/09/1997
Seppo Alanara	06/13/1997
Pekka Isomursu	06/11/1997
Juhani Miettunen	06/11/1997
Patrik Gustafsson	06/20/1997
Mikko Lietsalmi	06/11/1997

**RECEIVING PARTY DATA**

<b>Name:</b>	Nokia Mobile Phones Limited
<b>Street Address:</b>	P.O. Box 86
<b>City:</b>	Salo
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	FIN-24101

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	11062176

**CORRESPONDENCE DATA**

Fax Number: (202)824-3001

CH \$40.00 11062176

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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NAME OF SUBMITTER:

H. Wayne Porter

**Total Attachments: 24**

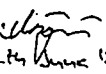
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For:  U.S. and/or X Foreign Rights  
 For:  U.S. Application or  
        U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By: Multiple Inventors

## ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

## ASSIGNORS (Inventors):

<u>(type or print name of inventors)</u>	<u>(Address)</u>	<u>(Nationality)</u>
ALANARA, Seppo	Hallituskatu 11 B 31, 90100 Oulu , Finland	Finnish
ISOMURSU, Pekka	Jarvenkorvenkuja 2B4, 90550 Oulu, Finland	Finnish
MIETTUNEN, Juhani	Oivantie 15, 90580 Oulu, Finland	Finnish
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DECKER, Peter	Sibeliustr. 33, 45772 Marl, Germany	German
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PIHKO, Pete	26 Taft Avenue, Lexington, MA 02173, USA	Finnish
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KARI, Hannu H.	Kullervonkuja 9 B 9, 02880 Veikkola, Finland	Finnish
 MAENPAA, Jari to name 1997	Pispankatu 7 As 3, 33240 Tampere, Finland	Finnish
NYKANEN, Petri	Tahmelankatu 7 A 3, 33240 Tampere, Finland	Finnish
TERHO, Mikko	Veiskunkatu 58 A 1, 33820 Tampere, Finland	Finnish
GUSTAFSSON, Patrik	Elsasgrand 5 E 61, 02230 Espoo, Finland	Finnish

(Assignment of Invention - Multiple Inventors [16-3.2] - page 1 of 3)

hereby sells, assigns and transfers to  
ASSIGNEE:

Nokia Mobile Phones Limited  
(type or print name of ASSIGNEE)

P.O. Box 86, FIN-24101 Salo, Finland  
Address

Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- 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:

A COMMUNICATION NETWORK TERMINAL SUPPORTING A PLURALITY OF APPLICATIONS

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

- (a)  U.S. patent application executed on even date herewith  
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(c)  U.S. provisional application naming the above inventor(s) for the above-entitled invention  
 Express mail label no.: \_\_\_\_\_  
Mailed: \_\_\_\_\_  
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(e)  International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_  
(f)  U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
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(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

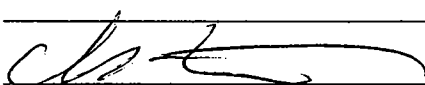
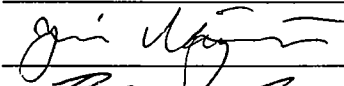

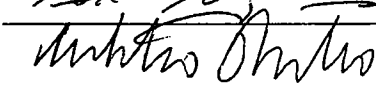
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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants 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 and will testify as to the same in any interference, litigation 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.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

<u>Type Name of Inventor:</u>	<u>Signature of Inventor</u>
Seppo Alanara	_____
Pekka Isomursu	_____
Juhani Miettunen	_____
Mikko Lietsalmi	_____
Kalevi Kaartinen	_____
Peter Decker	_____
Arto Lehtonen	11 JUNE 1997 
Pete Pihko	_____
Teemu Tarnanen	_____
Hannu H. Kari	_____
Jari Maenpaa	12th June 1997 
Petri Nykanen	13th JUNE 1997 
Mikko Terho	16th JUNE 1997 
Patrik Gustafsson	_____

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

(Assignment of Invention - Multiple Inventors [16-3.2] - page 3 of 3)

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Mikko Lietsalmi	_____
Kalevi Kaartinen	_____
Peter Decker	_____
Arto Lehtonen	_____
Pete Pihko	_____
Teemu Tarnanen	<i>June 9, 1997</i> <u>Teemu Tarnanen</u>
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Signature of Inventor

Seppo Alanara

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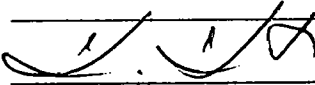
\_\_\_\_\_

Mikko Lietsalmi

\_\_\_\_\_

Kalevi Kaartinen

June 25, 1997



Peter Decker

June 25, 1992



Arto Lehtonen

\_\_\_\_\_

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Patrik Gustafsson	_____

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(Assignment of Invention - Multiple Inventors [16-3.2] - page 3 of 3)

For:  U.S. and/or X Foreign Rights  
 For:  U.S. Application or  
        U.S. Provisional Application  
 For:  U.S. Patent  
 For:  PCT Application  
 By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

<u>(type or print name of inventors)</u>	<u>(Address)</u>	<u>(Nationality)</u>
ALANARA, Seppo	Hallituskatu 11 B 31, 90100 Oulu , Finland	Finnish
ISOMURSU, Pekka	Jarvenkorvenkuja 2B4, 90550 Oulu, Finland	Finnish
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LIETSALMI, Mikko	Suunnistajantie 2B, 90650 Oulu, Finland	Finnish
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DECKER, Peter	Sibeliustr. 33, 45772 Marl, Germany	German
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TARNANEN, Teemu	Kaskipuunkaari 5 C 6, 02340 Espoo, Finland	Finnish
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NYKANEN, Petri	Tahmelankatu 7 A 3, 33240 Tampere, Finland	Finnish
TERHO, Mikko	Veiskunkatu 58 A 1, 33820 Tampere, Finland	Finnish -
GUSTAFSSON, Patrik	Elsasgrand 5 E 61, 02230 Espoo, Finland	Finnish

(Assignment of Invention - Multiple Inventors [16-3.2] - page 1 of 3)

hereby sells, assigns and transfers to

ASSIGNEE:

Nokia Mobile Phones Limited  
(type or print name of ASSIGNEE)

P.O. Box 86, FIN-24101 Salo, Finland  
Address

Nationality \_\_\_\_\_

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest  
 an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest  
for the United States and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- 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:

A COMMUNICATION NETWORK TERMINAL SUPPORTING A PLURALITY OF APPLICATIONS

(check and complete (a), (b), (c), (d), (e), (f), or (g))

and which is found in

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Mailed: \_\_\_\_\_  
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(g)  and any legal equivalent thereof in a foreign country, including the right to claim priority

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)



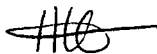
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

<u>Type Name of Inventor:</u>	<u>Signature of Inventor</u>
Seppo Alanara	_____
Pekka Isomursu	_____
Juhani Miettunen	_____
Mikko Lietsalmi	_____
Kalevi Kaartinen	_____
Peter Decker	_____
Arto Lehtonen	_____
Pete Pihko	_____
Teemu Tarnanen	_____
Hannu H. Kari	9TH JUNE 1997 
Jari Maenpaa	_____
Petri Nykanen	_____
Mikko Terho	_____
Patrik Gustafsson	_____

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<u>(type or print name of inventors)</u>	<u>(Address)</u>	<u>(Nationality)</u>
ALANARA, Seppo	<del>Zantakatu 5 A 23, 90100 Oulu, Finland</del> Hallituskatu 11 B 31, 90100 Oulu, Finland	Finnish 13th June, 1997 GA
ISOMURSU, Pekka	Jarvenkorvenkuja 2B4, 90550 Oulu, Finland	Finnish
MIETTUNEN, Juhani	<del>ALPPITIE 5 A 26, 90530 Oulu, Finland</del> <del>Oivantie 15, 90580 Oulu, Finland</del> FINLAND	Finnish 11.6.1997 J
LIETSALMI, Mikko	Suunnistajantie 2B, 90650 Oulu, Finland	Finnish
KAARTINEN, Kalevi	Hattnitter Str. 12, 40699 Erkrath, Germany	Finnish
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(Assignment of Invention - Multiple Inventors [16-3.2] - page 1 of 3)

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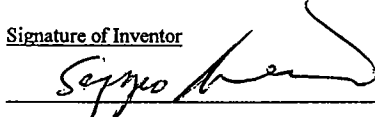
WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Type Name of Inventor:

Signature of Inventor

Seppo Alanara

13th June, 1997



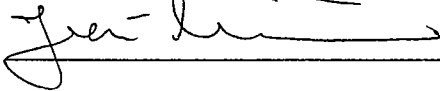
Pekka Isomursu

5/27/11/97



Juhani Miettunen

6/11/1997



Mikko Lietsalmi

\_\_\_\_\_

Kalevi Kaartinen

\_\_\_\_\_

Peter Decker

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(Assignment of Invention - Multiple Inventors [16-3.2] - page 3 of 3)

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(Assignment of Invention—Multiple Inventors [16-3.2]—page 2 of 3)

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Seppo Alanara	_____
Pekka Isomursu	_____
Juhani Miettunen	_____
Mikko Lietsalmi	_____
Kalevi Kaartinen	_____
Peter Decker	_____
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Jari Maenpaa	_____
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Mikko Terho	_____
Patrik Gustafsson	20, 6. 97 (20 June 1997) <i>Patrik Gustafsson</i>

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\_\_\_\_\_

Pekka Isomursu

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Juhani Miettunen

\_\_\_\_\_

Mikko Lietsalmi

11TH JUNE 1997



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