

Attorney's Docket No. NC20423

PATENT

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNORS 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>Pertti SALMI</u> (type or print name of inventors)	<u>Taipaleentie 50</u> Address
<u>Finland</u> (Nationality)	<u>FIN-90140 Oulu, Finland</u>
<u>Jeffrey HIGASHI</u> (type or print name of inventors)	<u>1099 Capitol Drive, #301</u> Address
<u>United States</u> (Nationality)	<u>San Pedro, California 90731</u>
<u>Jamie LANGFORD</u> (type or print name of inventors)	<u>3404 Parr Road</u> Address
<u>United States</u> (Nationality)	<u>Grapevine, Texas 76051</u>
<u>Duncan BURNS</u> (type or print name of inventors)	<u>4343 Travis Street, #12</u> Address
<u>Australia</u> (Nationality)	<u>Dallas, Texas 75205</u>
<u>Frank NUOVO</u> (type or print name of inventors)	<u>1612 Stradella Road</u> Address
<u>United States</u> (Nationality)	<u>Los Angeles, California 90077</u>

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA MOBILE PHONES LTD.

[type or print name(s) of ASSIGNEE(S)]

KEILALAHDENTIE 4

Address

02150 ESPOO

FINLAND

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:

Keypad for a Handset

[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
 (b) U.S. patent application executed on
 (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
 Mailed:
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
 (d) U.S. application no. 29/137,977 filed on 03/02/2001
 (e) International application no. PCT/
 (f) U.S. patent no. ___ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
 [also check (g), if application(s) is also being assigned]
 (g) 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 by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED

MAY 9TH 2001

DATE

DATE

DATE

DATE

DATE

SIGNATURE OF ASSIGNOR(S)



Name of Inventor: Pertti Salmi

Name of Inventor: Jeffrey Higashi

Name of Inventor: Jamie Langford

Name of Inventor: Duncan Burns

Name of Inventor: Frank Nuovo

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.*

Notarization or Legalization Page Added.

Attorney's Docket No. NC20423

PATENT

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

ASSIGNORS (Inventors):

Perti SALMI
(type or print name of inventors)

Taipaleentie 50
Address

Finland
(Nationality)

FIN-90140 Oulu, Finland

Jeffrey HIGASHI
(type or print name of inventors)

1099 Capitol Drive, #301
Address

United States
(Nationality)

San Pedro, California 90731

Jamie LANGFORD
(type or print name of inventors)

3404 Parr Road
Address

United States
(Nationality)

Grapevine, Texas 76051

Duncan BURNS
(type or print name of inventors)

4343 Travis Street, #12
Address

Australia
(Nationality)

Dallas, Texas 75205

Frank NUOVO
(type or print name of inventors)

1612 Stradella Road
Address

United States
(Nationality)

Los Angeles, California 90077

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA MOBILE PHONES LTD.

[type or print name(s) of ASSIGNEE(S)]

KEILALAHDENTIE 4

Address

02150 ESPOO

FINLAND

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:

Keypad for a Handset

[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
 (b) U.S. patent application executed on
 (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
 Mailed:
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
 (d) U.S. application no. 29/137,977 filed on 03/02/2001
 (e) International application no. PCT/
 (f) U.S. patent no. ___ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
 (also check (g), if application(s) is also being assigned)
 (g) 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 by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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


ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED

SIGNATURE OF ASSIGNOR(S)

DATE
MAY 10, 2001
DATE

Name of Inventor: Pertti Salmi


Name of Inventor: Jeffrey Higashi

DATE

Name of Inventor: Jamie Langford

DATE

Name of Inventor: Duncan Burns

DATE

Name of Inventor: Frank Nuovo

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.*

Notarization or Legalization Page Added.

Attorney's Docket No. NC20423

PATENT

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

ASSIGNORS (Inventors):

Pertti SALMI
(type or print name of inventors)

Taipaleentie 50
Address

Finland
(Nationality)

FIN-90140 Oulu, Finland

Jeffrey HIGASHI
(type or print name of inventors)

1099 Capitol Drive, #301
Address

United States
(Nationality)

San Pedro, California 90731

Jamie LANGFORD
(type or print name of inventors)

3404 Parr Road
Address

United States
(Nationality)

Grapevine, Texas 76051

Duncan BURNS
(type or print name of inventors)

4343 Travis Street, #12
Address

Australia
(Nationality)

Dallas, Texas 75205

Frank NUOVO
(type or print name of inventors)

1612 Stradella Road
Address

United States
(Nationality)

Los Angeles, California 90077

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA MOBILE PHONES LTD.
 [type or print name(s) of ASSIGNEE(S)]
KEILALAHDENTIE 4
 Address
02150 ESPOO
FINLAND
 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:

Keypad for a Handset

[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
- (b) U.S. patent application executed on
- (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
 Mailed:
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
- (d) U.S. application no. 29/137,977 filed on 03/02/2001
- (e) International application no. PCT/
- (f) U.S. patent no. ___ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
 [also check (g), if application(s) is also being assigned]
- (g) 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 by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED

SIGNATURE OF ASSIGNOR(S)

DATE

Name of Inventor: Pertti Salmi

DATE

Name of Inventor: Jeffrey Higashi

DATE

5/17/2001

Name of Inventor: Jamie Langford

DATE

Name of Inventor: Duncan Burns

DATE

Name of Inventor: Frank Nuovo

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.

Notarization or Legalization Page Added.

Attorney's Docket No. NC20423

PATENT

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

ASSIGNORS (Inventors):

Pertti SALMI
 (type or print name of inventors)

Taipaleentie 50
 Address

Finland
 (Nationality)

FIN-90140 Oulu, Finland

Jeffrey HIGASHI
 (type or print name of inventors)

1099 Capitol Drive, #301
 Address

United States
 (Nationality)

San Pedro, California 90731

Jamie LANGFORD
 (type or print name of inventors)

3404 Parr Road
 Address

United States
 (Nationality)

Grapevine, Texas 76051

Duncan BURNS
 (type or print name of inventors)

4343 Travis Street, #12
 Address

Australia
 (Nationality)

Dallas, Texas 75205

Frank NUOVO
 (type or print name of inventors)

1612 Stradella Road
 Address

United States
 (Nationality)

Los Angeles, California 90077

hereby sells, assigns and transfers to

ASSIGNEE:

NOKIA MOBILE PHONES LTD.

(type or print name(s) of ASSIGNEE(S))

KEILALAHDENTIE 4

Address

02150 ESPOO

FINLAND

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:

Keypad for a Handset

[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
 (b) U.S. patent application executed on
 (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
 Mailed:
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
 (d) U.S. application no. 29/137,977 filed on 03/02/2001
 (e) International application no. PCT/
 (f) U.S. patent no. ___ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
 [also check (g), if application(s) is also being assigned]
 (g) 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 by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED

SIGNATURE OF ASSIGNOR(S)

DATE

Name of Inventor: Pertti Salmi

DATE

Name of Inventor: Jeffrey Higashi

DATE

Name of Inventor: Jamie Langford

17 MAY 01

DATE



Name of Inventor: Duncan Burns

DATE

Name of Inventor: Frank Nuovo

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.

Notarization or Legalization Page Added.

Attorney's Docket No. NC20423

PATENT

For: U.S. and/or Foreign Rights
 For: U.S. Application or
 U.S. Provisional Application
 For: U.S. Patent
 For: PCT Application
 By: Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

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

ASSIGNORS (Inventors):

Pertti SALMI
 (type or print name of inventors)

Taipaleentie 50
 Address

Finland
 (Nationality)

FIN-90140 Oulu, Finland

Jeffrey HIGASHI
 (type or print name of inventors)

1099 Capitol Drive, #301
 Address

United States
 (Nationality)

San Pedro, California 90731

Jamie LANGFORD
 (type or print name of inventors)

3404 Parr Road
 Address

United States
 (Nationality)

Grapevine, Texas 76051

Duncan BURNS
 (type or print name of inventors)

4343 Travis Street, #12
 Address

Australia
 (Nationality)

Dallas, Texas 75205

Frank NUOVO
 (type or print name of inventors)

1612 Stradella Road
 Address

United States
 (Nationality)

Los Angeles, California 90077

hereby sells, assigns and transfers to

ASSIGNEE: -

NOKIA MOBILE PHONES LTD.

[type or print name(s) of ASSIGNEE(S)]

KEILALAHDENTIE 4

Address

02150 ESPOO

FINLAND

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:

Keypad for a Handset

[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
 (b) U.S. patent application executed on
 (c) U.S. provisional application naming the above inventor(s) for the above-entitled invention.
 Express mail label no.:
 Mailed:
 To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.
 (d) U.S. application no. 29/137,977 filed on 03/02/2001
 (e) International application no. PCT/
 (f) U.S. patent no. ___ issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
 [also check (g), if application(s) is also being assigned]
 (g) 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 by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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

ASSIGNORS further covenant 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 ASSIGNORS 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.

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

DATE SIGNED

SIGNATURE OF ASSIGNOR(S)

DATE

Name of Inventor: Pertti Salmi

DATE

Name of Inventor: Jeffrey Higashi

DATE

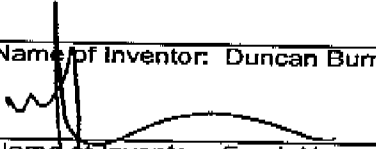
Name of Inventor: Jamie Langford

DATE

Name of Inventor: Duncan Burns

8 MAY 01

DATE



Name of Inventor: Frank Nuovo

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.

Notarization or Legalization Page Added.