NC20423

Form PTO-1595

RECORDATION FORM COVER SHEET PATENTS ONLY

Fax:9728945619

Commissioner of Patents and Trademarks, Washington, D.C. 20231 Please record the attached document Name and Address of receiving party(ies): 1. Name of conveying party(ies) 1. Pertti Salmi; 2. Jeffrey Higashi; 3. Jamie Langford; 4. Duncan Name: Nokia Mobile Phones Ltd. Burns; 5. Frank Nuovo Additional name(s) of conveying party(ics) attached? Address: Keilalahdentie 4 02150 Espoo Finland City: Espoo 3. Nature of Conveyance: Country: Finland Assignment Merger Security Agreement Change of Name Additional name(s) & address(es) attached? Other ☐ Yes ☒ No Execution Date: 1.05/09/01; 2.05/10/01; 3. 05/17/01; 4. 05/17/01; 5. 05/08/01 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: B. Patent No.(s): A. Patent Application No. (s): 29/137,977 Additional numbers attached?

Yes

No 6 Total number of applications Name and address of party to whom and/or patents involved: One (1) correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Brian T. Rivers, Esq. Name: Address: Nokia Inc. Enclosed MD 1-4-755 Charge deposit account 6000 Connection Drive Please charge any fee deficiency to deposit City: Irving 8. Deposit account number: 50-0270 ZIP Code: 75039 State: 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. Brian T. Rivers Name of person signing

PATENT

Total number of pages including cover sheet(s): 16

REEL: 011616 FRAME: 0744

Page 1 of 1

(type or print name of inventors)

United States (Nationality)

Attorney's Docket No. NC 20423		PATENT
	For:	☑ U.S. and/or ☑ Foreign Rights ☑ U.S. Application or
	For: For:	U.S. Provisional Application U.S. Patent PCT Application
	By:	☐ Present Owner
ASSIGNMENT OF INVENT	ION (MU	LTIPLE INVENTORS)
In consideration of the payment be One Dollar (\$1.00), the receipt of which is and valuable consideration.	y ASSIG s hereby	NEE to ASSIGNORS of the sum of acknowledged, and for other good
ASSIGNORS (Inventors):		
Pertti SALMI (type or print name of inventors)		Taipaleentie 50
(type of practitating of investion)	, ,	
Finland (Nationality)	!	FIN-90140 Oulu, Finland
Jeffrey HIGASHI (type or print name of inventors)		1099 Capitol Drive, #301 ddress
United States (Nationality)		San Pedro, California 90731
Jamie LANGFORD (type or print name of inventors)		3404 Parr Road
type or print frame or inventors,		101699
United States (Nationality)		Grapevine, Texas 76051
		1343 Travis Street, #12 ddress
Australia (Nationality)	!	Dallas. Texas 75205
Frank Ni IOVO		1612 Stradella Road

Los Angeles, California 90077

Address

hereby sells, assigns and transfers to NOKIA MOBILE PHONES LTD. ASSIGNEE: [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) \boxtimes 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) \boxtimes 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 aboveentitled 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. U.S. application no. <u>29/137,977</u> filed on <u>03/02/2001</u> (d) 図 International application no. PCT/ (e) U.S. patent no. ___ issued **(f)** 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) \boxtimes and any legal equivalent thereof in a foreign country, including the right to (g) 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 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 S	SIGNED	SIGNATURE OF ASSIGNOR(S)	
MA	4 974 2001	Pu40 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	
	DATE	Name of Inventor: Frank Nuovo	
		Name of Inventor. Trans 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 notarization is desired.		
	☐ Notarization or I	egalization Page Added	

Frank NUOVO___

United States

(Nationality)

(type or print name of inventors)

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 INVENTIO	N (MULTIPLE INVENTORS)
In consideration of the payment by A One Dollar (\$1.00), the receipt of which is hand valuable consideration,	ASSIGNEE to ASSIGNORS of the sum of hereby acknowledged, and for other good
ASSIGNORS (Inventors):	
Pertti SALMI (type or print name of inventors)	Taipaleentie 50 Address
Finland (Nationality)	FIN-90140 Oulu, Finland
Jeffrey HIGASH! (type or print name of inventors)	1099 Capitol Drive, #301 Address
United States (Nationality)	San Pedro, California 90731
	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

1612 Stradella Road

Los Angeles, California 90077

Address

Fax:9728945619

here	by sells	s, assigns and transfers to
ASSI	GNEE:	NOKIA MOBILE PHONES LTD.
		[type or print name(s) of ASSIGNEE(S)]
		KEILALAHDENTIE 4
		Address
		02150 ESPOO
		FINLAND
		Nationality
and	the suc	cessors, assigns and legal representatives of the ASSIGNEE
		(complete one of the following)
	\bowtie	the entire right, title and interest
		an undivided percent (%) interest
for th	ne Unite	d States and its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
	\boxtimes	and in all foreign countries, including all rights to claim priority,
in an	d to any	y 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 v	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)	\boxtimes	U.S. application no. <u>29/137,977</u> filed on <u>03/02/2001</u>
(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, i	n and to	o, all Letters Patent to be obtained for said invention by the above any continuation, division, renewal, or substitute thereof, and as to

letters patent any reissue or re-examination thereof.

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 8	BIGNED	SIGNATURE OF ASSIGNOR(S)	
	DATE	Name of Inventor: Pertti Salmi	_
M	AY 10, 2001	haii	
	DATE	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 legalized, then it will only be prima facie e notarization is desired.	is necessary. If the assignment is notarized or evidence of execution. 35 USC 261. Use next page	ge i
	☐ Notarization or L	egalization Page Added	

United States (Nationality)

Attorney's Docket No. NC20423	PATEN	IT
	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 INVENT	ION (MULTIPLE INVENTORS)	
In consideration of the payment b One Dollar (\$1.00), the receipt of which is and valuable consideration,	y ASSIGNEE to ASSIGNORS of the sum of shereby acknowledged, and for other good	
ASSIGNORS (Inventors):		
Pertti SALMI	Taipaleentie 50	
(type or print name of inventors)	Address	
Finland (Nationality)	FIN-90140 Oulu, Finland	
Jeffrey HIGASHI	1099 Capitol Drive, #301	
(type or print name of inventors)	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	

Los Angeles, California 90077

herei	by sells,	assigns and transfers to	
ASSIG	SNEE:		NOKIA MOBILE PHONES LTD.
			[type or print name(s) of ASSIGNEE(S)]
			KEILALAHDENTIE 4
•			Address
			02150 ESPOO
			FINLAND
			Nationality
and t	he succ	essors, assigns and legal representat	tives of the ASSIGNEE
		(complete one of the folio	owing)
	\boxtimes	the entire right, title and interest	
		an undivided percent (%) interes	t
for th	e United	d States and its territorial possessions	•
		(check the following box, if foreign rights a	re also to be assigned)
	\boxtimes	and in all foreign countries, including all	• •
in and	d to any	and all improvements which are discl	osed in the invention entitled:
		<u>Keypad for a Handse</u>	
		[check and complete (a), (b), (c), (c	t), (e), (f) or (a)]
and w	vhich is 1	found in	-7, (-7, (,) 5, (9))
	rinori iş i	round in	
(a)		U.S. patent application executed on eve	n date herewith
(p)		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 to below, hereby authorize and request my atto application number when they become know)MeV to insert below the filing date and
(d)	\boxtimes	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 corresp maintenance fees is being sent separate.	ondence is to be sent regarding patent ately.
		[also check (g), if application(s) is also	being assigned)
(g)	\boxtimes	and any legal equivalent thereof in a fore claim priority	ign country, including the right to
and, in	and to,	all Letters Patent to be obtained for s	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 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 / 7/2001	Name of Inventor: Jeffrey Higashi Name of Inventor: Jamie Langford
	DATE	Name of Inventor: Duncan Burns
	DATE	Name of Inventor: Frank Nuovo
NOTE:	No witnessing, notarization or legalize legalized, then it will only be prima far notarization is desired.	ation is necessary. If the assignment is notarized or cie evidence of execution. 35 USC 261. Use next page i
	☐ Notarization	or Legalization Page Added.

United States (Nationality)

Fax:9728945619

15:09

Attorney's Docket No. NC20423	PATENT
	For: ⊠ U.S. and/or ⊠ Foreign Rights For: ⊠ U.S. Application or □ U.S. Provisional Application
İ	For: U.S. Patent For: PCT Application By: Minventor(s) or Present Owner
ASSIGNMENT OF INVENTION	(MULTIPLE INVENTORS)
In consideration of the payment by AS One Dollar (\$1.00), the receipt of which is he and valuable consideration,	SSIGNEE to ASSIGNORS of the sum of reby acknowledged, and for other good
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

Los Angeles, California 90077

15:09

here	by sells	, assigns and transfers to
ASSI	GNEE:	NOKIA MOBILE PHONES LTD.
		[type or print name(s) of ASSIGNEE(S)]
		KEILALAHDENTIE 4
		Address
		02150 ESPOO
		FINLAND
		Nationality
and f	he succ	essors, assigns and legal representatives of the ASSIGNEE
		(complete one of the following)
	\boxtimes	the entire right, title and interest
		an undivided percent (%) interest
for th	e Unite	d States and its territorial possessions
		(check the following box, if foreign rights are also to be assigned)
	\boxtimes	and in all foreign countries, including all rights to claim priority,
in an	d 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 v	vhich 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)	\boxtimes	U.S. application no. <u>29/137,977</u> filed on <u>03/0</u> 2/2001
(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.

Fax:9728945619

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: Jamle Langford
	DATE DATE	Name of Inventor: Duncan Burns
	DATE	Name of Inventor: Frank Nuovo
NOTE:	No witnessing, notarization or legalizati legalized, then it will only be prima facie notarization is desired.	on is necessary. If the assignment is notarized or e evidence of execution. 35 USC 261. Use next page i
	☐ Notarization or	Legalization Page Added

United States (Nationality)

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	N (MULTIPLE INVENTORS)
In consideration of the payment by A One Dollar (\$1.00), the receipt of which is he and valuable consideration,	SSIGNEE to ASSIGNORS of the sum of sereby acknowledged, and for other good
ASSIGNORS (Inventors):	·
(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
Erank NUOVO (type or print name of inventors)	1612 Stradella Road

Los Angeles, California 90077

Address

Fax:9728945619

her	eby sells	assigns and transfers to		
ASS	IGNEE:	NOKIA MOBILE PHONES LTD.		
		[type or print name(s) of ASSIGNEE(S)	_	
		KEILALAHDENTIE 4		
•		Address		
		02150 ESPOO		
		FINLAND		
		Nationality		
and	the suc	ssors, assigns and legal representatives of the ASSIGNEE		
		(complete one of the following)		
	\boxtimes	the entire right, title and interest		
		an undivided percent (%) interest		
for t	he Unite	States and its territorial possessions		
		(check the following box, if foreign rights are also to be assigned)		
	\boxtimes	and in all foreign countries, including all rights to claim priority,		
in a	nd to any	nd 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			
(n)				
(a) (b)		U.S. patent application executed on even date herewith		
(c),		U.S. patent application executed on		
(0)		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)	\boxtimes	J.S. application no. <u>29/137,977</u> filed on <u>03/02/2001</u>		
(e)		nternational application no. PCT/		
(f)		J.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		
and, applic	in and to	all Letters Patent to be obtained for said invention by the above ny continuation, division, renewal, or substitute thereof, and as to		

letters patent any reissue or re-examination thereof.

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 OI	Name of Inventor: Frank Nuovo	
NOTE:		s necessary. If the assignment is notarized or idence of execution, 35 USC 261. Use next page in	
	☐ Notarization or Lea	alization Page Added	

RECORDED: 05/30/2001