NC20545B

Form PTO-1595

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Commissioner of Patents and Trademarks, Washington, D.C. 20231 Please record the attached document Name of conveying party(ies): Name and Address of receiving party(ies): Pekka Majanen Name: Nokia Corporation Yes No Additional name(s) of conveying party(ies) attached? Address: Keilalahdentie 4 02150 Espoo Finland 3. Nature of Conveyance: City: Espoo Assignment Country: Finland Merger Security Agreement Change of Name Other Additional name(s) & address(es) attached? ☐ Yes
☐ No Execution Date: May 6, 2002 4. 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: A. Patent Application No. (s): 29/156,990 B. Patent No.(s): Additional numbers attached?

Yes
No Name and address of party to whom Total number of applications and/or patents involved: One (1) correspondence concerning document should be mailed: Name: Brian T. Rivers, Esq. 7. Total fee (37 CFR 3.41): \$40.00 Address: Nokia Inc. MD 1-4-755 Enclosed 6000 Connection Drive Charge deposit account City: Irving Please charge any fee deficiency to deposit State: TXZIP Code: 75039 Telephone: 972-894-4959 Facsimile: 972-894-5619 8. Deposit account number: 50-0270 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 Signature

PATENT

REEL: 012702 FRAME: 0738

Total number of pages including cover sheet(s): 4

Attorney's Docket No. NC20545B

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			
In consideration of the payment by a One Dollar (\$1.00), the receipt of which is hand valuable consideration,	ASSIGNEE to ASSIGNOR of the sum of nereby acknowledged, and for other good		
ASSIGNOR:			
Inventor or person or entity who owns the invention	Pekka Majanen [type or print name of ASSIGNOR] Verkaranta 5 D 43 Address		
	20660 Littoinen, Finland		
	<u>Finland</u> Nationality		
(if assignment is by person or entity to w and this was recorded in	hom invention was previously assigned PTO, add the following)		
Recorded on	Reel		
hereby sells, assigns and transfers to	rane		
ASSIGNEE;	NOKIA CORPORATION [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

[Assignment of Invention (16-DATE NOT 3]

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		(complete one of the following)
	\boxtimes	the entire right, title and interest
		an undivided percent (%) interest
for the	e United	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 and	d to any	and all improvements which are disclosed in the invention entitled:
		KEY MATRIX FOR A HANDSET
Name	of invent	or <u>Pekka Majanen</u>
		[check and complete (a), (b), (c), (d), (e), (f) or (g)]
and w	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, the 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>29/156,990</u> filed on <u>03/11/2002</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)	\boxtimes	and any legal equivalent thereof in a foreign country, including the right to claim priority
		o, all Letters Patent to be obtained for said invention by the above

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.

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;

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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.

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

Date: Signature of ASSIGNOR: Pekka Majanen

(if ASSIGNOR is a legal entity, complete the following information)

(type or print the name of the above person authorized to sign on behalf of ASSIGNOR)

Title

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

Notarization or Legalization Page Added.

RECORDED: 05/16/2002

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