04-16-2001



DOCKET: 460-010247-US(PAR) RM COVER SHEET

S ONLY

Commissioner or

101663653 . 20231
Please record the attached document

1. Name of conveying party(les):	2. Name and address of receiving party(les):	
1) Minna HAUTAMAKI 2) Arto LEPPISAARI 3) Mika FORSSELL	Name: Nokia Mobile Phones Ltd.	
Additional name(s) of conveying party(ies) attached?	Address: Keilalahdentie 4	
3. Nature of Conveyance:		
	City: 02150 Espoo State: ZIP Code: Country: Finland	
Execution Date: All three signed on 31 January 2001	Additional name(s) & address(es) attached?	
4. Application number(s) or patent number(s):		
If this document is being filed together with a new application, th A. Patent Application No.(s):	e execution date of the application is: 31 January 2001 B. Patent No.(s):	
09/82416/ Additional numbers attac	ched? ☐ Yes ☒ No	
5. Name and address of party to whom correspondence	6. Total number of applications	
concerning document should be mailed:	and/or patents involved: 1	
<u> </u>	7. Total fee (37 CFR 3.41):\$40.00	
Name: Clarence A. Green		
Address: Perman & Green, LLP	⊠ Enclosed	
425 Post Road	Charge deposit account	
City: Fairfield	Please charge any fee deficiency to deposit account	
State: CT ZIP Code: 06430-6232	8. Deposit account number: 16-1350	
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.		
1/1. 0.1		
Clarence A. Green	apperos	
Name of Person Signing S	Signature Date	
	Total number of pages including cover sheet(s): 4.	
	Page 1 of 1.	
Express Mail No.n EL627425019US	Customer No.: 2512	

Express Mail No.n EL627425019US

04/05/2001 SDENBOB1 00000010 09824161

02 FC:581

PATENT

REEL: 011664 FRAME: 0542

Attorney's Docket No.	PATEN	VT.
	For: x U.S. and/or x Foreign Rig U.S. Application or U.S. Provisional Application U.S. Patent For: PCT Application By: Multiple Inventors	hts
ASSIGNMENT OF IN	VENTION (MULTIPLE INVEN	TORS)
	ASSIGNEE to ASSIGNOR of the sum of	
the receipt of which is hereby acknowle	dged, and for other good and valuable cons	sideration,
ASSIGNORS (Inventors):		
(type or print name of inventors)	Address	Nationality
HAUTAMÄKI, Minna	Simo Kaarion katu 1 H 32, FIN-33720 Tampere, Finland	Finland
LEPPISAARI, Arto	Pajukonkatu 25 B 8, FIN-33820 Tampere, Finland	Finland
FORSSELL, Mika	Bertel Jungin aukio 4 C 40, FIN-02600 Espoo, Finland	Finland
		-

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

PATENT REEL: 011664 FRAME: 0543

NOKIA MOBILE PHONES LTD	Keilalahdentie 4	
(type or print name of ASSIGNEE)	Address	
Finland	FIN-02150 ESPOO, Finland	
Nationality	111111111111111111111111111111111111111	
·		
and the successors, assigns and legal representatives of the ASSIGNEE		
(complete one of the following)		
x 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:		
Allocation of resources in	packet-switched data transfer	
(check and complete (a), (b), (c), (d), (e), (f), or (g))		
and which is found in (a) x U.S. patent application executed on even date herewith		
(b) U.S. patent application executed on		
(c) U.S. provisional application naming the a	bove 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.	filed on	
(e) International application no. PCT / filed on		
(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.		
(check (g), if foreign application(s) is	also being assigned)	
(g) x and any legal equivalent thereof in a fore	ign country, including the right to claim priority	

hereby sells, assigns and transfers to

ASSIGNEE:

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

PATENT REEL: 011664 FRAME: 0544 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;

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.

		Date of signing
WARNING:	The date of signing must be checked above.	the same as the date of execution of the application, if item (a) was
(type name of in	nventor)	Signature of INVENTOR
Minna HAUT	ГАМÄКІ	Ats Formell
Arto LEPPIS	AARI	_ fit bei
Mika FORSS	ELL	Mits Formelle
	□ Notarizati	ion or Legalization Page Added.
NOTE:	No witnessing, notarization of them it will only be prima fac	or legalization is necessary. If the assignment is notarized or legalized it evidence of execution. 35 USC 261. Use next page if notarization is

desired.

RECORDED: 04/02/2001

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

PATENT REEL: 011664 FRAME: 0545