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1) Antti TOSKALA 2) Mirko AKSENTIJEVIC	Name: Nokia Mobile Phones Ltd.			
Additional name(s) of conveying party(ies) attached? \[\subseteq \text{Y es} \text{No} \]	Address: Keilalahdentie 4			
3. Nature of Conveyance: Assignment	City: 02150 Espoo State: ZIP Code: Country: Finland Additional name(s) & address(es) attached? Yes No			
Execution Date: Both signed on 25 September 2000	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, the execution date of the application is: 25 September 2000 A. Patent Application No.(s): B. Patent No.(s):				
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and/or patents involved: l			
Name: Clarence A. Green Address: Perman & Green, LLP 425 Post Road City: Fairfield	7. Total fee (37 CFR 3.41):\$40.00 ⊠ Enclosed □ Charge deposit account ⊠ Please charge any fee deficiency to deposit account			
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	ASSIGNMENT	r of invention (M	ULTIPLE INVENTORS)	
(\$1		· ·	SSIGNOR of the sum of One Dollar and for other good and valuable	
AS	SIGNORS (Inventors):			
Nai	me of Inventor(s)	<u> Address</u>	<u>Nationality</u>	
1)	TOSKALA, Antti	Katajaharjuntie 4 C 48	, FIN-00200 HELSINKI, Finland Finn	ish
2)	AKSENTIJEVIC, Mirko	Viherlaaksonranta 15 A	11, FIN-02710 ESPOO, Finland - Finn FIND 02130 ESPOR FINMIND YO	ish. Agas la mark
hereby sell(s), assign(s) and transfer(s) to				Consony the
AS	SIGNEE:	Nokia Mobil	le Phones Ltd.	CHIE E PRESE
		Finland	ilalahdentie 4, FIN-02150 ESPOO, a Finnish corporate body	
and	the successors, assigns and	d legal representatives of	f the ASSIGNEE	
	(con	aplete one of the followin	ig)	
for	□ the entire right, ti □ an undivided the United States and its te	percent (%) interest	
	(check the followin	g həx, if foreign rights a	ere also to be assigned)	
in a	☑ and in all foreign and to any and all improven	countries, including all ments which are disclosed		
Me	thod and arrangement fo	r implementing intra-f	rame interleaving	
		Assignment of h	nvention - Multiple Inventors [16-3.2] page 1 of	(3)

Attorney's Docket No.

PATENT REEL: 011313 FRAME: 0275

PATENT

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

d whic	ch 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.:
	☐ 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) [☐ US. application No/ filed on
(e) [☐ International application No. PCT/
(f) [☐ U.S. patent Noissued
	☐ A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
	(also check (g), if foreign application(s) is also being assigned)
(g) D	☑ and any legal equivalent thereof in a foreign country, including the right to claim priority
ıny cor	and to, all Letters Patent to be obtained for said invention by the above application or attinuation, division, renewal, or substitute thereof, and as to letters patent any reissue camination thereof
	GNOR hereby covenants that no assignment, sale, agreement or encumbrance has been be made or entered into which would conflict with this assignment;
vith al	GNOR further covenants that ASSIGNEE will, upon its request, be provided promptly lipertinent facts and documents relating to said invention and said Letters Patent and quivalents as may be known and accessible to ASSIGNOR and will testify as to the

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 same as the date of execution of the application, if item (a) was checked above.

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

PATENT REEL: 011313 FRAME: 0276

IN WITNESS WHEREOF,	I/We have hereunto set hand and seal this day of
Date of signing	
Antti TOSKALA	Signature of INVENTOR
Mirko AKSENTIJEVIC	Signature of INVENTOR
□ Notariza	ation 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.

RECORDED: 10/29/2000

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

PATENT REEL: 011313 FRAME: 0277