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Form PTO-1595 Rev. 6-93)	RECORDATION FORM 05-31-200		U.S. Department of Comm Patent and Trademark O
MB No. 0651-0011 (exp. 4/94)			
To the Honorable Commissioner of	10137022	attached ori	ginal documents or copy thereof.
 Name of conveying party Jani ROTOLA-PUKKILA Hannu MIKKOLA Janne VAINIO Additional name(s) of conveying par QYes No 	(ies):	2. Name and ac Nokia Mobile I Keilalahdentic MN-02150 Espo	2 4
	□ Merger □ Change of Name 2000		D me(s) and address(es) attached
4. Application number(s) or			
is: A. Patent Application 09/505, 411 Filed Feb. 14,	n No.(s)	B. Patent No.(s)	execution date of the applicat
Filed TEB. 14,	Additional numbers attached	i? □Yes ⊠No	
5. Name and address of part correspondence concernin should be mailed:		6. Total number involved:	of applications and patents
James A. Retter WARE, FRESSOLA, VAN DER SI & ADOLPHSON LLP	LUYS	⊠ Enclosed	CFR 3.41) \$_40.00 to be charged to deposit acco
755 Main Street, P.O. Box Monroe, CT 06468-0224	224	 8. Deposit accou 23-0442 	
05/30/2000 GTEFPERA 00000069 095054); 04 -1.581 40.	.00 G*	(Attach duplicate deposit account.)	copy of this page if paying by
9. Statement and signature: To the best of my knowledge copy is a true copy of the orig James A. Retter 44,166	DO NOT USE THIS and belief, the foregoing ginal document.		May 24 2000
Name of Person Signing	Signature f pages including cover sheet, at	tashmants and desures	Date /
	t name including cover sheet al	tachments, and document	: <u>_,_</u>

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 010810 FRAME: 0693

ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Jani ROTOLA-PUKKILA, Hannu MIKKOLA and Janne VAINIO, all citizens of Finland and residing at Lehvänkatu 24 E 44, 33820 Tampere, Finland, Ippisenkatu 15, 33300 Tampere, Finland, and Laurintie 16 C, 33880 Lempäälä, Finland, assign and transfer to NOKIA MOBILE PHONES LTD., a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Keilalahdentie 4, FIN-02150 ESPOO, Finland, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a WIDEBAND SPEECH CODEC USING A HIGHER SAMPLING RATE IN ANALYSIS AND SYNTHESIS FILTERING THAN IN EXCITATION SEARCHING, which is described in an application for Letters Patent of the United States, Serial No. 09/505,411 filed February 16, 2000; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

We request that any and all patents for said invention be issued to said assignee, its successors, assigns and legal representatives or to such nominees as it may designate.

We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in the United States and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as

PATENT REEL: 010810 FRAME: 0694

amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file a like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at	Tam	Pere, this	
24	day of	March , 2000.	
		Jan kill- Puller Jani Rotola-Pukkila	
		Jani Rotola-Pukkila	

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness:	U-3	Ja-
Date:	24.03.2000	
Witness:	20	
Date:	24.03.2060	

S.N. 09/505,411

Signed at	_ Tan	pere	, this
24	day of _	March	, 2000.
		Hannu Mikkola	Kill

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness:	Jo Q2
Date:	24.03.2000 -2
Witness:	galo
Date:	24.03.2000

Signed at	Famper	e	, this
24	day of	larch	, 2000.
		m	/n_
	all a second	Janne Vainio	
Signed in assignment of t referred to.	our presence an he application		
Witness:	have after		

Date:_	24.03.20	000	

Witness	- Dain
Date:	24.03.2000