Form PTO-1595

DOCKET: 944-008.008-1

## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Please record the attached document

1. Name of conveying party(ies):	2. Name and address of receiving party(ies):					
1) Esa MALKAMAKI 2) Masatoshi NAKAMATA	Name: Nokia Corporation					
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No	Address: Keilalahdentie 4					
3. Nature of Conveyance:	City: Espoo					
	State: ZIP Code: 02150  Country: Finland					
Execution Date: 1) signed on January 30, 2006 2) signed on January 27, 2006	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:  A. Patent Application No.(s):  USSN: 11/323,467						
Additional numbers att	ached? Yes No					
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	Total number of applications and/or patents involved:					
Name: Francis J. Maguire Address: Ware, Fressola, Van Der Sluys & Adolphson LLP Bradford Green, Bldg. Five 755 Main St., P.O. Box 224 City: Monroe	7. Total fee (37 CFR 3.41):\$40.00  Enclosed  Charge deposit account  Please charge any fee deficiency to deposit account					
State: CT ZIP Code: 06468	8. Deposit account number: 23-0442					
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.  Francis J. Maguire Name of Person Signing  Customer No.: 4955  Total number of pages including cover sheet(s): 5						
	Page 1 of 1.					

Application Serial No. 11/323,467 Attorney Docket No. 944-008,008-1

## **ASSIGNMENT AND AGREEMENT**

FOR VALUE RECEIVED, We, Esa MALKAMÄKI, a citizen of Finland residing at Riippakoivuntie 17 B, 02130 Espoo, Finland; and Masatoshi NAKAMATA, a citizen of Japan residing at 102, 2-18-3 Shiboku, Miyamae-ku, Kawasaki-shi, Kanagawa, Japan, hereby sell, assign and transfer to NOKIA CORPORATION, an organization 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 Use of the FP header to signal the RNC that the node B has not been able to determine or has not been able to accurately determine the number of retransmissions, which is described in an application for Letters Patent of the United States filed on December 30, 2005, now bearing U.S. Patent Application Serial No. 11/323,467; 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 inventions in all countries 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 any and all countries 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:

(a) the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

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PATENT REEL: 017313 FRAME: 0121

Application Serial No. 11/323,467 Attorney Docket No. 944-008,008-1

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or 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: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, its successors and 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	Helsinki	Finland excountry)	this 30		
			e/country)	(day)	-	
day of	January	, 2006.				
			En	Ma		
		Esa MALKAMÄKI				
	Cignad at					
	Signed at	(city/state	a/country)	this (day)		
day of		, 2006.				
	(month)					
			Masatosh	I NAKAMATA		

MAR-07-2006 14:30 WARE FRESSOLA P.05/06

Application Serial No. 11/323,467 Attorney Docket No. 944-006.008-1

## ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, Esa MALKAMÄKI, a citizen of Finland residing at Riippakoivuntie 17 B, 02130 Espoo, Finland; and Masatoshi NAKAMATA, a citizen of Japan residing at 102, 2-18-3 Shiboku, Miyamae-ku, Kawasaki-shi, Kanagawa, Japan, hereby sell, assign and transfer to NOKIA CORPORATION, an organization 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 Use of the FP header to signal the RNC that the node B has not been able to determine or has not been able to accurately determine the number of retransmissions, which is described in an application for Letters Patent of the United States filed on December 30, 2005, now bearing U.S. Patent Application Serial No. 11/323,467; 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 inventions in all countries 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 any and all countries 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: (a) the international Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from us.

Application Serial No. 11/323,467 Attorney Docket No. 944-008.008-1

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or 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: (a) the International Convention for the protection of industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

We covenant with said assignee, its successors and 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		this		
		(city/state/country)	(day)	
day of		, 2006.		
	(month)			
		Esa MA	LKAMÄKI	

Signed at Kawasaki, Kanagawa, Japan this 27-2.
(chyrateleocountry) (day)
day of January .2006.

RECORDED: 03/07/2006

Moster notento

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