OIPA	0-22-2004	Attorney Docket No. 037145-8201 (NC 4804		
FORM PTO-1595 (modified)		U.S. DEPARTMENT OF COMMERC		
(Rev 6-93)		くSHEET ' トレート Patent and Trademark Of		
	02868989			
To the Director of the United States Patent and Tr		the attached original documents or copies thereof.		
1. Name of conveying party(ies):	2. Name and	d address of receiving party(ies):		
Naveen Kakani				
Yousuf Saifullah				
		Corporartion Indentie 4		
	Espoo			
	FIN-02 [°] Finland			
	1 main			
Additional conveying party(ies) NO				
3. Nature of conveyance:				
ASSIGNMENT Execution Date:				
07/29/04	Additional na	ame(s) & address(es) attached? NO		
4. Application number(s) or patent number(s):	A 19119.19.20.20.20.00			
If this is being filed together with a new applic	ation, the execution date of t	the application is:		
A. Patent Application Number(s):	B. P	Patent Number(s):		
10/895,657				
A	dditional numbers attached? N	0		
5. Name and address of party to whom correspondence				
concerning document should be mailed:		(37 C.F.R. § 3.41): \$40.00		
G. Peter Albert, Jr.				
FOLEY & LARDNER LLP 321 North Clark Street	_	X Check Enclosed		
Suite 2800		e to deposit account		
Chicago, Illinois 60610-4764 8. Deposit account number: 06-1450				
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9. Statement and signature:				
To the best of my knowledge and belief,	the foregoing information is	true and correct and any attached copy is a tru		
copy of the original document. The Commission be required in this matter to the above-identified	deposit account.	iarge any additional recordation lees which ma		
G. Peter Albert, Jr.		00108-02 12 2004		
Name of person signing	Signature			
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Total number of pages including cover sheet, attachments, and document: 3 10/21/2004 DBYRNE 00000073 10895657				
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Nokia Corporation Keilalahdentie 4 Espoo FIN-02150 Finland

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions in and to this invention relating to

SYSTEM AND METHOD FOR INCREASING DATA THROUGHOUT USING A BLOCK ACKNOWLEDGEMENT

as set forth in this United States Patent Application

Check one	executed concurrently herewith executed on		
	X Serial No. 10/895,657	Filed	July 21, 2004
	and		

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original,

Page 1 of 2

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PATENT REEL: 015902 FRAME: 0159

RECORDED: 10/18/2004