FORM PTO-1595 (modified) U.S. DEPARTMENT OF COMMERCE RE R SHEET (Rev 6-93) Patent and Trademark Office 102814806 To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): **David Leon** Igor Danilo Diego Curcio **Nokia Corporation** Keilalahdentie 4 Espoo FIN-02150 Finland Additional conveying party(ies) NO 3. Nature of conveyance: **ASSIGNMENT Execution Date:** 06/01/04, 06/02/04 Additional name(s) & address(es) attached? NO 4. Application number(s) or patent number(s): If this is being filed together with a new application, the execution date of the application is: A. Patent Application Number(s): B. Patent Number(s): 10/813,343 Additional numbers attached? NO 5. Name and address of party to whom correspondence 6. Total number of applications/patents involved: 1 concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): \$40.00 G. Peter Albert, Jr. X Check Enclosed **FOLEY & LARDNER LLP** 321 North Clark Street Charge to deposit account **Suite 2800** 8. Deposit account number: Chicago, Illinois 60610-4764 06-1450 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 any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account. Marchall & Br. - 44,560 for Peter albert G. Peter Albert, Jr. Name of person signing Date Total number of pages including cover sheet, attachments, and document: 4

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PATENT REEL: 015673 FRAME: 0567

Attorney Docket No. 037145-3101 (NC 44399)

## **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 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

Data Repair Enhancements for Multicast/Broadcast Data Distribution

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Check	executed concurrently herewith		
one	executed on		
Ť	X Serial No. 10/813,343 File	d <u>March 29, 2004</u>	
	and		

as set forth in this United States Patent Application

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 and countries foreign thereto, (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

Page 1 of 2

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RECORDED: 08/12/2004

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