FORM PTO-1595 (Rev. 6-93) 944-017.023-1

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMER Patent and Trademark Off

PATENTS ONLY OMB No. 0651-0011 (exp. 4/94) Tab settings □ □ □ ▼ To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Xiangguang CHE; Zhi-Chun HONKASALO; Name and address of receiving party(ies) Yuan ZHU; and Chunye WANG Nokia Corporation Keilalahdentie 4 FIN-02150 Espoo Additional name(s) of conveying party(ies) attached? 🔾 Yes 🍇 No. Finland Nature of conveyance: Assignment □ Merger Change of Name ☐ Security Agreement Other 944+017.023-1 Execution Date: $\frac{2/19/08}{12/03/07}$; $\frac{1/22/08}{12/03/07}$; Additional name(s) & address(es) attached? Ci Yes Ar No. 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: ___ B. Patent No.(s) A. Patent Application No.(s) 11/982,732,filed November 2, 2007 Additional numbers attached? CI Yes (No Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$____\$ Andrew T. Hyman WARE, FRESSÓLA, VAN DER SLUYS C Enclosed & ADOLPHSON LLP 755 Main Street, PO Box 224 Authorized to be charged to deposit account Monroe CT 06468 8. Deposit account number: 23-0442 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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 : the original document. 9 Feb. 2008 Andrew T. Hyman Name of Person Signing

Total number of pages including cover sheet, attachments, and document

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ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, XIANGGUANG CHE, a citizen of China and residing at South 4-2-301, Feng Dan Li She, No. 1, Jian Cai Cheng Zhong Lu, Xi San Oi, Hai Dian District, Beijing 100096, People's Republic of China; ZHI-CHUN IIONKASALO, a citizen of Great Britain and residing at Kylpyläntie 4 B 02700 Kauniainen, Finland; YUAN ZHU, a citizen of China and residing at Room 605, Building 16, Mo Li Yuan, Bei Yuan Jia Yuan, Chao Yang District, Beijing 100012, People's Republic of China; and CHUNYE WANG, a citizen of China and residing at A1-7-301, Liu Xin Hua Yuan, Hui Long Guan, Beijing 102208, People's Republic of China, respectively, hereby sell, assign and transfer to NOKIA CORPORATION, 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 METHOD, DEVICE, SYSTEM AND SOFTWARE PRODUCT FOR ALTERNATIVE TIME DIVISION DUPLEX FRAME STRUCTURE OPTIMIZATION, which is described in an application for Letters Patent of the United States, Serial No. 11/982,732, filed November 2, 2007, and claiming priority from provisional application Serial No. 60/856,498, filed November 2, 2006; 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 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 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.

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, it 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 BE	IJING, CHINA	this 19th day of
February	, in the year <u>2008</u>	 :
	che	- Xingguarg

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

Xiangguang Che

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Date 2008 - 2 - 15

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Date 2008-2-19

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Zhi-Chun Honkasalo

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

Witness

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Date 22/12/07

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Signed at Beijing in the year]	this <u> </u>
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