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Tab settings □ □ Ø,▼ ▼ ▼	<b>Y Y Y</b>	
To the Honorable Cother Sioner of Patents and Trademarks: Pl	ease record the attached original documents or copy thereof.	
Mika KOSONEN Janne TUOMISTO 3-13-02	Name and address of receiving party(ies)  Name: Nokia Corporation	
Janne TUOMISTO 5 - 1 ) - 0 2 dditional name(s) of conveying party(ies) attached? © Yes XD No	Internal Address:	
. Nature of conveyance:		
	Street Address: Keilalahdentie 4	
☐ Security Agreement ☐ Change of Name ☐ Other	City: FIN-02150 Espoo, Finland ZIP: ZIP:	
Execution Date: January 24, 2002	Additional name(s) & address(es) attached? Cl Yes XD No	
Serial No. 10/006,921 Filing Date: December 3, 2001  Additional numbers at	teched? CI_Yes Öi No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Alfred A. Fressola	7. Total fee (37 CFR 3.41)\$_40.00	
Internal Address: Ware, Fressola, Van Der Sluys and Adolphson LLP	Enclosed	
/2012 BHGUYEH1 00000082 10006921 40.00 Up	Authorized to be charged to deposit account	
Street Address: 755 Main Street, BOX 224	8. Deposit account number:	
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PATENT 915.403

## **ASSIGNMENT AND AGREEMENT**

FOR VALUE RECEIVED, WE, MIKA KOSONEN and JANNE TUOMISTO, both citizens of Finland and residing at Jalavakuja 4A 5, 02760 Espoo, Finland; and Rakentajantie 1D 45, 00370 Helsinki, Finland 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 MULTIPLEXING AND DEMULTIPLEXING METHOD AND APPARATUS which is described in an application for Letters Patent of the United States, Serial No. 10/006,921, filed December 3, 2001; identified by Ware, Fressola, Van Der Sluys & Adolphson LLP docket number 915.403; 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 the International Convention for the Protection of Industrial Property, as amended, or by 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.

C.\WP51\ASSIGNME\915\_4.ASS

PATENT REEL: 012684 FRAME: 0336 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 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	Espoo	this 24 day of
Jan	, 2002	
		ma.
		MIKA KOSONEN
		IANNE THOMISTO

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

Witness _	MANUNIL	_ Date _	, 8, - 12. 2002	_
Witness _	imm Sili	Date	18.2 2002	_ 、

**RECORDED: 03/13/2002**