04-13-2000 U.S. DEPARTMENT OF COMMERCE FORM PTO PATENT AND TRADEMARK OFFICE 101318639 original documents or copy thereof To the Honorable Commissionet 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Robin Paul Rickard, John Christopher Greenwood and Philip Athelstan Name: Nortel Networks Corporation Wainman Internal Address: Street Address: World Trade Center of Montreal 380 St. Antoine Street West, 8th Floor, Montreal, Quebec Additional name(s) of conveying party(ies) attached? Yes X No 3. Nature of conveyance: Additional name(s) & address(es) attached? \_ Yes X No \_ Merger X Assignment Change of Name \_ Security Agreement Execution Date: March 29, 2000 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: Same as Above B. Patent No.(s) A. Patent Application No.(s) 59/542*00)* Yes X No Additional numbers attached: 6. Total number of applications and patents involved: one 5. Name and address of party to whom correspondence concerning document should be mailed: \$40.00 7. Total fee (37 CFR 3.41) Name: William M. Lee, Jr. Internal Address: Lee, Marin, Smith, McWilliams, Sweeney & Ohlson X Enclosed P.O. Box 2786 Street Address: City: Chicago State: Illinois Zip: 60690-2786 Authorized to be charged to deposit account 8. Deposit account number: 12-0913 (Attach duplicate copy of this form if paying by deposit account.) 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. April 3, 2000 William M. Lee, Jr. Date Name of Person Signing Total number of pages including cover sheet, attachments and document 3 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231 Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burder stimate to the U.S. Patent and Trademark Office. Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Beget. Paperwork Reduction

Project (0651-0011), Washington, D.C. 20503

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CASE: ID 11417

## ASSIGNMENT

## NORTEL METWORKS CORPORATION

For value received, I (we) the undersigned, whose full post office addresses is (are) adjacent my (our) name(s). hereby sell, assign and transfer to

the address of whose registered office is:

NORTEL NETWORKS CORPORATION

World Trade Center of Montreal,

380 St. Antoine Street West, 8th floor.

Montreal, Quebec Canada H2Y 3Y4

(hereinafter called "Nortel"), its successors, assigns and legal representatives, the entire right, title and interest for all countries, including any and all priority rights, in and to certain inventions relating to

Synchronisation Method and Apparatus for Frequency Division Multiplexed Telecommunications Systems

identified	in	Nortel's	records	a5 ID	11417 and	set	forth	in	an	application	for	letters	patent	of
the United	Sta	tes of Ame	erica Seri	al Numi	ber		fil	ed o	n		,			

and all rights and privileges under any and all letters patent in all countries that may be granted for said inventions, to the intent that any such patent or other intellectual property protection shall be issued to Nortel alone or to its successors, assigns or legal representatives.

I (We) undertake without charge to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors, assigns and legal representatives to procure and maintain patent or other intellectual property protection for said inventions in any and all countries and to vest tirle thereto in Nortel, its successors, assigns or legal representatives.

I (We) agree that a copy of this Assignment shall be deemed a full legal and formal equivalent of any assignment, consent or the like which may be required in any country for any purpose and more particularly in proof of the irrevocable right of Nortel, its successors, assigns and legal representatives to apply for and maintain patent or other intellectual property protection for said inventions in any and all countries and to claim the benefit of any right of priority.

This Assignment does not form part of a larger transaction or series of transactions in respect of which the amount or value or aggregate amount or value of the consideration exceeds £60,000.

3 **Riverside Court** 

Additional Assignors on amached Page 2

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**PATENT** 

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Witness Signature  C.R. wand  Witness Name (print)	John Christopher GREENWOOD Haddrells Cottage Kast Tytherton Nr Chippenham Wiltshire, SN15 4LX United Kingdom	Date: 29 03 00 Assignor		
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Witness Signature  ANDREW WINSOR  Witness Name (print)	Philip Athelstan WAINMAN Windhill Cottage Magdalen Laver Ongar, CM5 OEX United Kingdom	Assignor		
		Date:		
Witness Signature		Assignor		
Witness Name (print)	<del>-</del>			
		Date:		
Witness Signature		Assignor		

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Witness Name (print)

PATENT REEL: 010680 FRAME: 0052

RECORDED: 04/03/2000