FORM PTO-1595	- 06-04-199	98 <del></del>		
(¬ev. 6-93) OMB No. 0651-0011 (exp. 4/94)		_ ]	U.S. DEPARTMENT OF CON Patent and Tradema	
Tab settings $\Rightarrow \Rightarrow \Rightarrow \mathbf{V} \qquad \mathbf{V}$		•	<b>v v</b>	
To the Honorable Commissioner of Pa			iginal documents or copy th	ereof.
1. Name of conveying party(ies):	2.	Name and address of rec	eiving party(ies):	
Clive Colin Hayball	Ν	Name: Northern Teleco	om Limited	
Gilliam Barbara Kendon				
Dennis Stewart William Tansley			I Trade Center of Montre	
Additional name(s) of conveying party(ies) attached?		anana a sa		
3. Nature of conveyance: MRD 5	-5-98 -			
X Assignment Merger		Street Address: <u>380 St. Antoine Street West</u>		
Security Agreement Change of Name				
Other				
	C	ity: Montreal, Quebec, Ca	nada State: ZIP: H2	Y 3Y4
Execution Date: March 30, April 3, Apr	<u>il 16, April 20, 1998</u> Add	litional name(s) & address(es) atta	ached? 🔲 Yes 🗶 No	
A. Patent Application No.(s) 09/072811	Additional numbers attached?	B. Patent No.(s)		
	Additional numbers attached?			
5. Name and address of party to whom concerning document should be mailed		otal number of applicatio	ns and patents involved:	1
Name: John D. Crane			40	
Internal Address:	1.1	otal fee (37 CFR 3.41) .	\$ <u>40</u>	
		Enclosed		
/03/1998 75000057 00000095 500210 09072811		X Authorized to be charged to deposit account		
FC:581 40.00 CH				
Street Address: Northern Telecom -	Patent Department	eposit account number:		
PO Box 832130				
		50-0210		
State:			is page if paying by deposit ac	count)
······	DO NOT USE TH	HIS SPACE		
9. Statement and signature.				
To the best of my knowledge and bell the original document	ief, the foregoing information	is true and correct and an	y attached copy is a true co	py of
the original document. John D. Crane	Sth. D. C.	an	May 4, 1998	
Name of Person Signing	s	Signature	Date	
	number of pages including cover she		:	
,	Mail documents to be recorded with required Commissioner of Patents & Trademari Washington, D.C. 20	ks, Box Assignments		
		i95Recordation Form Cover Sheet PATE	- page 1 of 3)	
		$\mathbf{REEL: 9202 FRA}$		
	-			

# Attachment to Form PTO - 1595 Recordation Form Cover Sheet



Additional Conveying Parties

- Andrew Tunnicliffe
- John Ian Turner
- David Stephen Riches
- John Gavin L'Estrerange Shurmer

### ASSIGNMENT NORTHERN TELECOM LIMITED

For value received, we the undersigned, whose full post office addresses are adjacent our names, hereby sell, assign and transfer to

# NORTHERN TELECOM LIMITED

the address of whose registered office is:

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

#### A Method and Apparatus for Managing a Communications Network

identified in Nortel's records as ID0895 and set forth in an application for letters patent of the UNITED STATES OF AMERICA serial number filed on:-

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

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 title thereto in Nortel, its successors, assigns or legal representatives.

We agree that a copy of this Assignment shall be deemed a fully 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.

Witness Signature

M.P. SAWARD

Witness Name (print)

Date 16/4/98

Acknowledged Northern Telecom Limited

Date

Mark Charles Dennis Director Patents Authorised Signatory

Clive Colin F Address

9 Bullfields Sawbridgeworth

Hertfordshire CM21 9DB

Additional Assignors on attached Page 2

# ADDITIONAL ASSIGNORS

K. Unistepher. Witness Signature

R. IHRISTOPHERS Witness Name (print)

<u>*R* · Christyphes</u>. Witness Signature

R. CHKISTOPHERS Witness Name (print)

<u>*R* Christephes</u> Witness Signature

K. CHRISTOPHERS Witness Name (print)

R. auristaphes

Witness Signature

R. CHAISTOPHERS Witness Name (print)

.Jh -----

Date 30/3/98

Gillian Barbara KENDON Assignor Address 4 Stort Road **Bishops Stortford** Hertfordshire CM23 3BY

36 3 98 Date

Dennis Stewart William TANSLEY Assignor Address 35 Skiddaw Close Black Notley Braintree Essex

Date 36

Andrew TUNNICLIFFE Address 1 Waterworks Cottages **Redricks** Lane Sawbridgeworth Hertfordshire

John Ian TURNER Assignor Address Home Cottage **Triplow Road** Fowlmere Cambridgeshire SG8 7QT

Date 30/3/98

# ADDITIONAL ASSIGNORS

Mary Witness Signature

SIMEON CONEY Witness Name (print)

Biakeslee

Witness Name (print)

Date 3 Apr 198 David Stephen RICHES Assignor

Address 1 The Paddocks Booker High Wycombe Buckinghamshire HP12 4QQ

John Gavin L'Estrerange SHURMER Assignor

Address

43 Cranfield Crescent Cuffley Hertfordshire EN6 4DZ

RECORDED: 05/05/1998