

12-23-1998

FORM PTO-

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE



100927844

original documents or copy thereof.

12-2-98 To the Honorable Commission

1. Name of conveying party(ies):  
David William Wiggins, John Paul Russell, David Michael Goodman, Christopher David Murton, Christopher Thomas William Ramsden and James Shields

2. Name and address of receiving party(ies):

Name: Northern Telecom Limited  
Internal Address:  
Street Address: World Trade Center of Montreal  
380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y  
Canada

Additional name(s) of conveying party(ies) attached? \_ Yes  No

Additional name(s) & address(es) attached? \_ Yes  No

3. Nature of conveyance:  
 Assignment                      \_ Merger  
  
\_ Security Agreement    \_ Change of Name  
  
\_ Other \_\_\_\_\_

Execution Date: October 9, 1998, October 19, 1998, October 16, 1998,  
October 16, 1998 October 16, 1998 and October 29, 1998

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: November 6, 1998, November 3, 1998,  
November 3, 1998, November 4, 1998, November 3, 1998 and November 18, 1998

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: \_ Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: William M. Lee, Jr.  
Internal Address: Lee, Mann, Smith, McWilliams, Sweeney & Ohlson  
Street Address: P.O. Box 2786  
City: Chicago State: Illinois Zip: 60690-2786

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 3.41)      \$ 40.00  
  
 Enclosed  
  
\_ Authorized to be charged to deposit account

8. Deposit account number:

12-0913  
(Attach duplicate copy of this form if paying by deposit account)

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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.

William M. Lee, Jr.  
Name of Person Signing

William M. Lee, Jr.  
Signature

December 2, 1998  
Date

Total number of pages including cover sheet, attachments and document 3

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PATENT

REEL: 9651 FRAME: 0224

U.S. PTO  
09/20/98  
12/02/98

**ASSIGNMENT  
NORTHERN TELECOM LIMITED**

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

**NORTHERN TELECOM LIMITED**

the address of whose registered office is: World Trade Center of Montreal  
380 St Antoine Street West, 8<sup>th</sup> 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

**FLOW CONTROL OF FRAME BASED DATA OVER  
A SYNCHRONOUS DIGITAL NETWORK**


identified in Nortel's records as ID 1067 and set forth in an application for letters patent of the United States of America executed concurrently herewith,


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 for said invention in any and all countries and to vest title thereto in Nortel, 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 so 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.

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.

  
Witness Signature

 Date 9th Oct 1998  
David William Wiggins Assignor

12 Vauxhall Park, Stranmillis, Belfast, County Antrim, BT9 5GZ

TREVOR WILSON  
Witness Name

Additional Assignors on attached page 2

P. Whyman  
Witness Signature

Paul Whyman  
Witness Name

J. P. Russell Date 17/10/98  
John Paul Russell Assignor  
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D. Goodman  
Witness Signature

F. TIAS  
Witness Name

D. Goodman Date 16/10/98  
David Michael Goodman Assignor  
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C. Murton Date 16/10/98  
Christopher David Murton Assignor  
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D. Ramsden  
Witness Signature

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C. Ramsden Date 16.10.98  
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4 Bengo Street, Hertford, Hertfordshire, SG14 6ES

M. Bode  
Witness Signature

M. Bode  
Witness Name

J. A. Shields Date 29<sup>th</sup> Oct 1998  
James Shields Assignor  
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~~of Ireland~~, BT38 9NS - HOME ADDRESS  
SS  
Current Residence -  
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OTTAWA ONTARIO  
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