

RI 07-17-1998

100766678

3 SHEET U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

1122 7998

To the Honorable Commissioner of Patents and Trademarks: **100766678**

attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Thomas McGuire Barry O'Sullivan</p> <p>Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>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 Canada H2Y 3Y4 City: State: ZIP:</p>		
<p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: Thomas McGuire: April 20, 1998 Barry O'Sullivan: April 7, 1998</p>			
<p>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: n/a</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s) 09/056,367 Filed April 7, 1998</td> <td style="width: 50%;">B. Patent No.(s)</td> </tr> </table> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		A. Patent Application No.(s) 09/056,367 Filed April 7, 1998	B. Patent No.(s)
A. Patent Application No.(s) 09/056,367 Filed April 7, 1998	B. Patent No.(s)		
<p>5. Name and address of party to whom correspondence concerning document should be mailed Name: Barry L. Haley, Esq. Internal Address: Malin, Hakuy, DiMaggio & Crosby, P.A. Street Address: One East Broward Blvd., Suite 1609 City: Fort Lauderdale State: Florida ZIP: 33301</p>	<p>6. Total number of applications and patents involved: ONE</p> <p>7. Total fee (37 CFR 3.41) <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit account number: 13-1130 (Attach duplicate copy of this page if paying by deposit account)</p>		
<p>DO NOT USE THIS SPACE</p>			
<p>9. Statement and signature. <i>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.</i></p> <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="text-align: center;"> BARRY L. HALEY, Reg. No. 25,939 </div> <div style="text-align: center;"> <p><i>July 7, 1998</i></p> <p>Date</p> </div> </div> <p style="text-align: center;">Total number of pages including cover sheet, attachments, and document: 5</p>			

Mail documents to be recorded with required cover sheet information to:
Commission of Patents and Trademarks, Box Assignments

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PATENT
REEL: 9308 FRAME: 0109

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**ASSIGNMENT
NORTHERN TELECOM LIMITED**

For value received, I (we) the undersigned, RAY ROWAN, BARRY O'SULLIVAN and THOMAS McGUIRE 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, 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

**Method and Apparatus for Controlling the Operation
of a Digital Telephone Switchboard**

identified in Nortel's records as ID0665 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 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 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

Witness Name (print)

Witness Signature

Philippe DOUET
Witness Name (print)

Witness Signature

Witness Name (print)

RAY ROWAN
Address

Date
Assignor

B. O'Sullivan
BARRY O'SULLIVAN

Address
15 Avenue Alexander Graham Bell
77608 Marne-la Vallée
France

7/4/98
Date
Assignor

THOMAS McGUIRE
Address

Date
Assignor

**PATENT
REEL: 9308 FRAME: 0110**

**ASSIGNMENT
NORTHERN TELECOM LIMITED**

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_____ Witness Signature	_____ RAY ROWAN Address	_____ Date Assignor
_____ Witness Name (print)		
_____ Witness Signature	_____ BARRY O'SULLIVAN Address	_____ Date Assignor
_____ Witness Name (print)		
_____ Sherry Wood Witness Signature	_____ THOMAS McGUIRE Address 250 Sidney Street Belleville Ontario Canada K8N 5B7 - Dep 9P90	_____ Date 20/4/98 Assignor
_____ Sherry Wood Witness Name (print)		

RECORDED: 07/07/1998

**PATENT
REEL: 9308 FRAME: 0111**