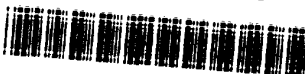


OK 1/30/98

10-13-1998

FORM PTO-1595

Attorney Docket Number: ID0527



Department of Commerce Patent and Trademark Office

To the Assistant Commissioner for Patents

100795115

PATENTS ONLY

Original documents or copy thereof.

1. Name of the conveying party(ies):

David Michael Goodman

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

Name: Northern Telecom Limited

Address: World Trade Center of Montreal

380 St. Antoine Street West, 8<sup>th</sup> Floor

City: Montreal

State: Quebec Zip: H2Y 3Y4 Country: Canada

Additional name(s) and address(es)? ☐ Yes ☒ No

Additional name(s) and address(es)? ☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☒ Other Correction of Previously Recorded Assignment

9295/0819

Execution Date: 2 October 1996

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application. Execution date of the application: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

08/739,366

Additional numbers attached? ☐ Yes ☒ No

Additional numbers attached? ☐ Yes ☒ No

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

Name: John D. Crane

Northern Telecom

Address: Patent Department

PO Box 832130

City: Richardson

State: TX

Zip: 75083-2130

Country: USA

6. Number of applications and patents involved: 1

CH

7. Amount of fee enclosed or authorized to be charged: \$40

8. Deposit Account No.: 50-0210

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.

July 30, 1998

Date

John D. Crane, Registration No. 25,231

Page \_1\_ of \_3\_



FORM 270-1595

01-15-1997

98/739366 IS-0527

U.S. Department of Commerce  
Patent and Trademark Office

To the Assistant Commissioner for Patents. Please

1. Name of conveying party(ies):

1) **David M. Goodman**

100337344

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

Name: Northern Telecom Incorporated  
Address: 2221 Lakeside Boulevard  
City: P.O. Box 833858  
State: TX Richardson  
Zip: 75083-3858Additional name(s) & address(es) attached? ☐ Yes ☒ No

10-29-96

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: **October 2, 1996**

68904 U.S. PTO

01/13/97

4. Application number(s) or patent number(s).

☐ This document is being filed together with a new application.Execution date of the application: **October 2, 1996**Title: **Exchange for Communication Network**Docket No: **IS-0527**

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ No

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

John D. Crane  
Northern Telecom Incorporated  
Address: 2221 Lakeside Boulevard  
P.O. Box 833858  
City: Richardson  
State: TX Zip: 75083-3858

6. Number of applications and patents involved: \_\_\_\_\_

7. Amount of fee enclosed or authorized to be charged: **\$40**8. Deposit Account No: **14-1315** (Attach duplicate copy if paying by deposit account) **This form is submitted in triplicate.**

DO NOT USE THIS SPACE

40-E

9. Statement and signature.

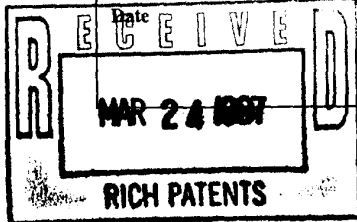
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10/29/96

330 GL 14-1315-11/14/98 08/39366

40.00CH IS0527

John D. Crane, Reg. No. 25,231

Total Number of Pages Including Cover Sheet, Attachments and Document: 3PATENT  
REEL: 9343 FRAME: 0183

08/73936 6

CASE: D M Goodman ID 0527

## ASSIGNMENT

**WHEREAS,** David Michael Goodman of:

111 The Ridgeway  
St Albans  
Hertfordshire  
AL4 9XA  
United Kingdom

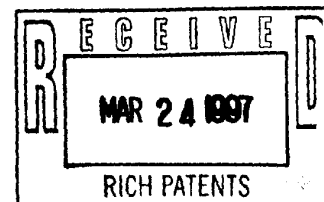
hereinafter called the "Assignor", has invented a new and useful invention entitled:

### **Path Protection in a Telecommunications Network**

for a full description of which reference is here made to an application for Letters Patent of the United States executed by him of even date herewith.

**WHEREAS, NORTHERN TELECOM LIMITED**, a Canadian company having a principal office and place of business at, World Trade Center of Montreal, 380 St Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4, Canada hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in the United States in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable and legally sufficient consideration, the receipt of which by the said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents does sell, assign and transfer unto the said Assignee, the entire right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for the said invention, to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patent for the said invention may issue.



PATENT

REEL: 9343 FRAME: 0184

ASSIGNMENT OF INVENTION STUDY NO. 0527

Case: D M Goodman 8

And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that they will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinbefore set forth, including any application for reissue, application for reexamination, or any proceeding in the United States Patent and Trademark Office affecting said invention, investing in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will promptly execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this assignment.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of the assignment.

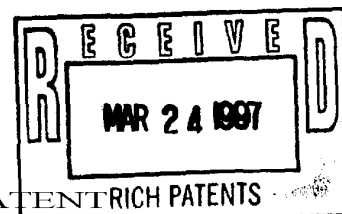
**IN TESTIMONY WHEREOF**, the said Assignor has hereunto set his hands on the date indicated below.

Dated:

20th 96

David Goodman

David Michael Goodman



REEL: 9343 FRAME: 0185

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Assignments  
Commissioner of Patents and Trademarks  
Washington, D.C. 20231

**CORRECTION OF RECORDED COVER SHEET ERROR(S) (37 C.F.R. 3.34)**

1. Applicant has noted an error in the cover sheet for the assignment(s) (document(s)) previously recorded on October 29, 1996.

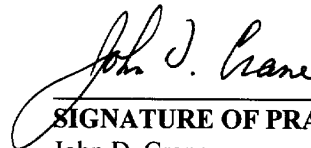
Reel 8295 , Frame 0819

2. Attached hereto is the originally recorded Assignment document and originally recorded recordation sheet.
3. Also attached hereto is a corrected recordation sheet.
4. The error in the originally recorded cover sheet is apparent when that cover sheet is compared with the recorded document because the Receiving Party listed in the originally recorded cover sheet is different than the Receiving Party listed in the originally recorded Assignment document.
5. The recording fee is shown in the corrected cover sheet filed herewith. Payment of this recording fee is in the manner set forth in the corrected cover sheet.

Date: July 30, 1998

Reg. No. 25,231  
Tel. No.: (972) 685-8442

Customer No.: 021498




**SIGNATURE OF PRACTITIONER**

John D. Crane  
Northern Telecom - Patent Department  
PO Box 832130  
Richardson, TX 75083-2130

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.8a)**

I hereby certify that this correspondence is, on the date shown below, being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231 on **July 30, 1998**.

  
Lisa Roberts