

08-07-1998

Docket No.: 71493-393

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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U.S. DEPARTMENT OF COMMERCE  
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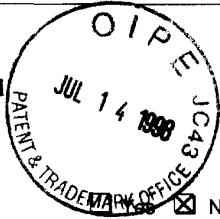
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MRP 7-14-98

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ROBERT PAUL MACAULAY and  
BRIAN EGAN



Additional names(s) of conveying party(ies)  Yes  No

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

Name: Northern Telecom Limited

Address: P.O. Box 6123, Station A

City: Montreal State/Prov.: Quebec

Country: Canada ZIP: H3C 3J5

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: July 6, 1998

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.	Filing date
09/090,188	06/04/98

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: James McGraw

Registration No. 28168

Address: Smart & Biggar, P.O. Box 2999, Station D,  
55 Metcalfe Street, Suite 900

City: Ottawa State/Prov.: Ontario

07/21/1998 JARTIS 00000042 09090188

Country: Canada ZIP: K1P 5Y6

02 FC:501 40.00 CP

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

- Enclosed - Any excess or insufficiency should be credited or debited to deposit account
- Authorized to be charged to deposit account

8. Deposit account number:

19-2550

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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.

James McGraw (Reg. No. 28168)

July 13, 1998

Name of Person Signing

Signature

PATENT

Date

Total number of pages including cover sheet, attachments, and FRAMES 675

Case:

# ASSIGNMENT NORTHERN TELECOM LIMITED

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

**NORTHERN TELECOM LIMITED**

whose full post office address is: P.O Box 6123, Station A, Montreal,  
Quebec, Canada H3C 3J5

its successors, assigns and legal representatives, the entire right, title and interest, including priority rights, for all countries, in and to certain inventions relating to:

CALLER ATTRIBUTES

set forth in an application for letters patent of the UNITED STATES OF AMERICA

Serial No. 09/090188, filed June 4, 1998

and all rights and privileges under any and all letters patent that may be granted for said inventions.

K Chant  
Witness Signature  
Kathy Chant  
Witness Name (print)

R. P. Macaulay Date JULY 6 1998  
Robert Paul Macaulay Assignor  
5623 Ficko Crescent  
Gloucester, Ontario, K1X 1H3, Canada

Peter Bligh  
Witness Signature  
PETER BLIGH  
Witness Name (print)

Brian Egan Date JULY 6 1998  
Brian Egan Assignor  
17 Beverly Street  
Stittsville, Ontario, K2S 1C3, Canada

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Witness Signature  
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Witness Name (print)

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Date  
\_\_\_\_\_  
Assignor

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Witness Signature  
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Witness Name (print)

\_\_\_\_\_  
Date  
\_\_\_\_\_  
Assignor

Additional Assignors on attached Page 2