

MMO 7-14-99

A1D581-40

09/341251

REC'D PCT/PTO 14 JUL 1999
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

FORM PTO-

08-10-1999



To the Honorable Commissioner

Original documents or copy thereof.

1. Name of conveying party(ies):
Simon Daniel Brueckheimer and Roy Harold Mauger

101113033

Name of receiving party(ies):

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

Name: Northern Telecom Limited
Internal Address:
Street Address: World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y 3Y4
Canada

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

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

Execution Date: July 1, 1999

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: Same as Above

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.)

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.

07/21/1999 09341251
Name of Person Signing

Signature

July 14, 1999
Date

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

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

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

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

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

the address of whose registered office is: **NORTHERN TELECOM LIMITED**
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

TELECOMMUNICATIONS SYSTEM

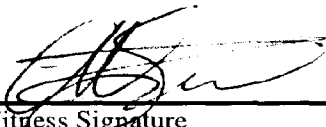
identified in Nortel Networks' records as ID0692 Brueckheimer 19 and set forth in an application for letters patent of the United States of America Serial Number _____ filed on _____,

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

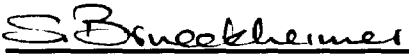
I (We) undertake without charge to Nortel Networks but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel Networks, its successors, assigns and legal representatives to procure and maintain patent or other intellectual property protection for said inventions in any and all countries and to vest title thereto in Nortel Networks, 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 Networks, 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



Simon Daniel Brueckheimer
74 Church Crescent
London N10 3NE
United Kingdom

Date: 1/7/99

Assignor

MARTIN SPROAT

Witness Name (print)

Additional Assignors on attached Page 2

P E. Merry
Witness Signature

RH Mauger

Date: 1/7/99
Assignor

Roy Harold Mauger
47 Beech Avenue
Radlett
Herts WD7 7DD
United Kingdom

P E MERRY
Witness Name (print)