

07-23-1998

OMB No. 0651-0011 (exp. 4/94)

Tab settings

MRO 7-8-98



29,090,414

To the Honorable Commissioner of Patents

100773113

Attached original documents or copy thereof.

1. Name of conveying party(ies):

Mark Edward Hicks

Stephen Kenneth Cooper

Richard Edward Hughes

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

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

Name: NORTHERN TELECOM LIMITED

Internal Address: World Trade Center of Montreal

Street Address: 380 St. Antoine Street West

floor

City: Montreal, Quebec, Canada State: _____ ZIP: H2Y 3Y4

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 4/17/98

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: April 17, 1998

A. Patent Application No.(s)

B. Patent No.(s)

29090,414

07/16/1998 DC0ATES 00000062 500210 29090414

01 FC:581 40.00 CH

Additional numbers attached? Yes No

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

Name: Kenneth W. Bolvin

Internal Address: _____

Street Address: Northern Telecom

PO Box 832130

City: Richardson State: TX ZIP: 75083-2130

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$ 40

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

50-0210

(Attach duplicate copy of this page 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.

Kenneth W. Bolvin

Name of Person Signing

Kenneth W. Bolvin

Signature

07/07/98

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

**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, 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

SIGNAL COUPLER UNIT


identified in Nortel's records as ID0962 - M E HICKS 2 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 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.

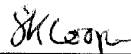
This Assignment does not form part of a larger transaction or series of transactions in respect of which the amount or value or aggregate amount or value of the consideration exceeds £60,000.

 _____ Date: 17/4/98
Witness Signature Mark Edward Hicks Assignor
28 Tavistock Road


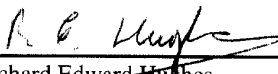
ALASTAIR J. TOCHER
Witness Name (print)

Springfield
Chelmsford
Essex, CM1 6JL

Acknowledged Northern Telecom Limited  Date: 17/4/91
Mark Charles Dennis
Director Patents
Authorised Signatory

  Date: 17/4/98
Witness Signature Stephen Kenneth Cooper Assignor
30 Thorley Park Road

ALASTAIR J. TOCHER Hertfordshire
Witness Name (print) CM23 3NQ

  Date: 17/4/1998
Witness Signature Richard Edward Hughes Assignor
Twyfords

ALASTAIR J. TOCHER Jacks Lane, Takeley
Witness Name (print) Bishop's Stortford
Hertfordshire, CM22 6NT