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U.S. DEPARTMENT OF COMMERCE  
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Dean Kitchener, Martin Smith and Chris Ward

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

## 3. Nature of conveyance:

x Assignment

\_ Merger

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\_ Change of  
Name

\_ Other

Execution Date: November 11, 2001

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

Name: Nortel Networks Limited

Internal Address: \_\_\_\_\_

Street Address: 2351 Boulevard Alfred-NobelCity: St. Laurent State: Quebec Zip: H4S 2A9 CANADAAdditional name(s) & address(es) attached? \_ Yes x No

## 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: \_\_\_\_\_

## A. Patent Application No.(s)

09/975,653

## B. Patent No.(s)

Additional numbers attached: \_ Yes X 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 & OhlsonStreet Address: P.O. Box 2786City: Chicago State: Illinois Zip: 60690-2786

## 6. Total number of applications and patents involved: one

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

X Enclosed

\_ Authorized to be charged to deposit account

## 8. Deposit account number:

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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.

William M. Lee, Jr.

Name of Person Signing

Signature

January 15, 2002

Date

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PATENT  
REEL: 012577 FRAME: 0078

# ASSIGNMENT

## NORTEL NETWORKS 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: **NORTEL NETWORKS LIMITED**  
2351 Boulevard Alfred-Nobel,  
St Laurent,  
Quebec H4S 2A9  
Canada

(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

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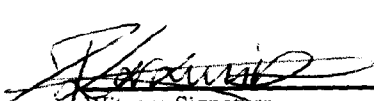
identified in Nortel's records as 13670ID and set forth in an application for letters patent of the United States of America Serial Number \_\_\_\_\_ filed on \_\_\_\_\_,


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.

  
\_\_\_\_\_  
Witness Signature  
**J. KARAMINAS**  
\_\_\_\_\_  
Witness Name (print)

  
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Assignor


☒ Additional Assignors on attached Page 2



Witness Signature

Dawn Power

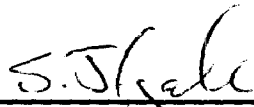
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Date:

Assignor

Witness Name (print)

Witness Signature

Date:

Assignor

Witness Name (print)