01-29-2001 FORM PTO-U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 101597255 To the Honorable Co the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Robert W. Keys Name: Nortel Networks Limited Internal Address: World Trade Center of Montreal Additional name(s) of conveying party(ies) attached? Yes x No Street Address: 380 St. Antoine Street West, 8th Floor, Montreal, Quebec Canada H2Y 3Y4 3. Nature of conveyance: Additional name(s) & address(es) attached? Yes x No X Assignment Change of Name _ Security Agreement Other Execution Date: December 6, 2000 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: B. Patent No.(s) A. Patent Application No.(s) 09/679,164 Additional numbers attached: Yes x No 6. Total number of applications and patents involved: one 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40 Name: William M. Lee, Jr. Internal Address: Lee, Mann, Smith, McWilliams, Sweeney & Ohlson X Enclosed Street Address: P.O. Box 2786

City: Chicago State: Illinois Zip: 60690-2786 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. January 15, 2001 William M. Lee, Jr. Date Signature Name of Person Signing Total number of pages including cover sheet, attachments and document Do not detach this portion

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Commissioner of Patents and Trademarks **Box Assignments**

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> PATENT REEL: 011452 FRAME: 0935

ASSIGNMENT NORTEL NETWORKS LIMITED

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

NORTEL NETWORKS 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

+++++

identified in Nortel's records as [ID++++] and set forth in an application for letters patent of the UNITED STATES OF AMERICA executed concurrently herewith, 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 intend 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 fully 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

Witness Name (print)

Robert W. KEYS Date 6 December 2000.

Assignor

29 Kyle Avenue

Stittsville

Ontario

Canada K2S 1G9

Additional Assignors on attached Page 2

RECORDED: 01/17/2001

PATENT REEL: 011452 FRAME: 0936