

06-28-1999

ASS



M COVER SHEET Patents Only

To the Honorable Comm: **101077029**  
Please record the attached original documents or copy thereof.

Attorney Dkt. No.: 5806-4

jc490 U.S. PTO  
09/334968  
06/27/99

1. Name of conveying party(ies):

Monling Liao  
Emad Qaddoura  
Russ Coffin  
Donald Wurch  
Liem Le

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

Nortel Networks Corporation  
World Trade Center of Montreal  
380 St. Antoine Street West, 8th Floor  
Montreal, Quebec H2Y 3Y4  
Canada

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

3. Nature of conveyance:

- ☒ Assignment  
☐ Merger  
☐ Security Agreement  
☐ Change of Name  
☐ Other

Execution Date: June 9, 1999; June 7, 1999; June 7, 1999; June 7, 1999; June 7, 1999; June 7, 1999, respectively.

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

4. Application No.

**09334964**

Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application is: June 9, 1999; June 7, 1999; June 7, 1999; June 7, 1999; June 7, 1999, respectively

Additional numbers attached? Yes ☐ No ☒

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

Eric P. Jensen, Esq.  
**NORTEL NETWORKS IP LAW GROUP**  
P. O. Box 13828  
Research Triangle Park, NC 27709-3828  
Telephone: (919) 997-4453  
Facsimile: (919) 997-6659

6. Total number of applications and patents involved:

1

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

- ☐ Enclosed  
☒ Authorized to be charged to Nortel Networks  
Deposit Account No. 50-0873

8. Deposit account number: 50-0873

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.*

Frank J. Pita, Esq., Reg. No. 41,511  
Name of Person Signing

Signature

*Frank J. Pita*

Date

*June 17, 1999*Total number of pages including cover sheet, attachments and document: 7

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Nortel Networks Corporation  
 World Trade Center of Montreal  
 380 St. Antoine Street West, 8th Floor  
 Montreal, Quebec H2Y 3Y4  
 Canada

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"PUBLIC TELEPHONE NETWORK, INTELLIGENT NETWORK, AND INTERNET PROTOCOL NETWORK SERVICES INTERWORKING"**

as set forth in this United States Patent Application

- ☒ executed concurrently herewith  
☐ executed on \_\_\_\_\_  
☐ Application No. \_\_\_\_; filed \_\_\_\_\_

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

6/9/99  
Date

Monling Liao  
Monling Liao

State of North Carolina

County of Durham

I, Patricia L. Nichols, a Notary Public for said County and State, do hereby certify that Monling Liao personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 9<sup>th</sup> day of June, 1999.

(Official Seal)

Patricia L. Nichols  
Notary Public

My commission expires \_\_\_\_\_

**PATRICIA L. NICHOLS, NOTARY PUBLIC  
DURHAM COUNTY, NORTH CAROLINA  
MY COMMISSION EXPIRES 6/6/2001.**

6/7/99

Date

*Emad Qaddoura*

Emad Qaddoura

State of Texas)

)

County of Dallas)

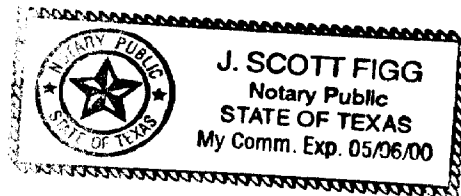
I, J. Scott Figg, a Notary Public for said County and State, do hereby certify that Emad Qaddoura personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7 day of June, 1999.

(Official Seal)

*J. Scott Figg*  
Notary Public

My commission expires 5/6/00



June 7/99  
Date

Russ Coffin  
Russ Coffin

State of Texas)  
County of Dallas)

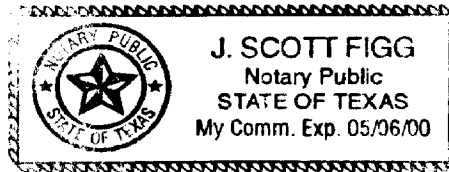
I, J. Scott Figg, a Notary Public for said County and State, do hereby certify that Russ Coffin personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7 day of June, 1999.

(Official Seal)

J. Scott Figg  
Notary Public

My commission expires 5/6/00



6-7-99  
Date

Donald Wurch  
Donald Wurch

State of Texas)

County of Dallas)

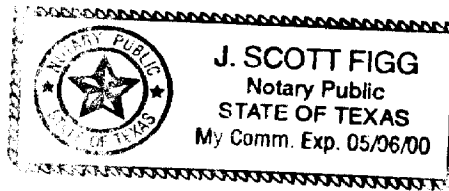
I, J. Scott Figg, a Notary Public for said County and State, do hereby certify that Donald Wurch personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7 day of June, 1999.

(Official Seal)

J. Scott Figg  
Notary Public

My commission expires 5/6/00



06/07/99  
Date

Liem Le  
Liem Le

State of Texas)  
County of Dallas)

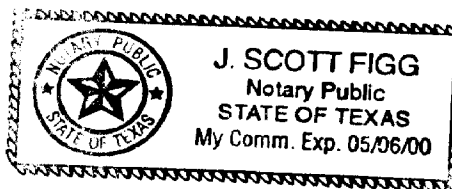
I, J. Scott Figg, a Notary Public for said County and State, do hereby certify that Liem Le personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 7 day of June, 1999.

(Official Seal)

J. Scott Figg  
Notary Public

My commission expires 5-6-00



RTA01/2064007v1