

07-15-2002

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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Ashraf Sharif Hasan Mahmoud  
Osama M. Kubbar  
Miroslav Budic

06/28/02

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

## 3. Nature of conveyance:

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

Execution Date: 6/27/02, 6/28/02

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

Name: Nortel Networks Limited

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

Street Address: 2351 Boulevard Alfred-Noble

St. Laurent, Quebec H4S 2A9 CANADA

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ 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: 6/28/2002

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: Bill R. Naifeh

Internal Address: Haynes and Boone, LLP

Street Address: 901 Main Street, Suite 3100

City: Dallas State: TX Zip: 75202-3789

## 6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☒ Authorized to be charged to deposit account

## 8. Deposit account number:

08-1394

(Attach duplicate copy of this page if paying by deposit account)

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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.*

Bill R. Naifeh

Name of Person Signing

Signature

6/28/02

Date

07/15/2002 DRYNE 00000018 10185411 Total number of pages including cover sheet, attachments, and documents: 4

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

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

D1029981.1

CUSTOMER NO. 0027683

DOCKET NO.: 22171.328

PATENT  
REEL: 013072 FRAME: 094910/185411  
06/28/02

Patent / Docket No.: 15288ROUS01U (22171.328)  
Customer No. 27683

### ASSIGNMENT

**WHEREAS**, the undersigned inventors, hereinafter called the AAssignors@, have invented a new and useful invention entitled:

#### **SYSTEM AND METHOD FOR MAXIMIZING THROUGHPUT IN A TELECOMMUNICATIONS SYSTEM**

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

**WHEREAS**, NORTEL NETWORKS LIMITED, a Canadian company having a principal office and place of business at, 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9, Canada hereinafter called the AAssignee@, is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

**NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN**, be it known that for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and application herein above identified, and any Letters Patent that may issue for the said invention, and all divisions, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patent for the said invention may issue.

**FURTHER**, be it known that the Assignors have sold, assigned and transferred, and by these presents does sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, any facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and

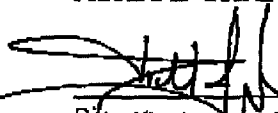
Patent / Docket No.: 15288ROUS01U (22171.328)  
Customer No. 27683

generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below.

Dated: June 28, 2002  
  
 \_\_\_\_\_  
 ASHRAF SHARIF HASAN MAHMOUD

Witnessed by: Richard J Nowak  
  
 \_\_\_\_\_  
 Signature

Dated: June 28, 2002  
  
 \_\_\_\_\_  
 OSAMA M. KUBBAR

Witnessed by: Richard J Nowak  
  
 \_\_\_\_\_  
 Signature

Dated: \_\_\_\_\_  
 \_\_\_\_\_  
 MIROSLAV BUDIC

Witnessed by: \_\_\_\_\_  
 \_\_\_\_\_  
 Signature

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Patent / Docket No.: 15288ROUS01U (22171.328)

Customer No. 27683

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Dated: \_\_\_\_\_

ASHRAF SHARIF HASAN MAHMOUD

Witnessed by: \_\_\_\_\_

Signature

Dated: \_\_\_\_\_

OSAMA M. KUBBAR

Witnessed by: \_\_\_\_\_

Signature

Dated: 06/27/2002

MIROSLAV BUDIC

Witnessed by: Scott TEAN

Signature

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