

FORM PTO-1595 (Rev. 6-93) REC  
OMB No. 0651-0011 (exp. 4/94) *12.18.00*

01-04-2001

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



To the Commissioner of Patents and Trademarks

1 document or copy thereof.

1. Name of conveying party(ies):  
James AWEYA, Michel OUELLETTE, and Delfin Y. MONTUNO  
Additional name(s) of conveying party(ies) attached? \_\_\_ Yes \_\_\_  No

101571526

Name of receiving party(ies):

Name: Nortel Networks Limited  
Address: World Trade Center of Montreal  
380 St. Antoine Street West  
8<sup>th</sup> Floor  
Montreal, Quebec H2Y 3Y4

3. Nature of conveyance:  
 Assignment \_\_\_ Merger  
\_\_\_ Security Agreement \_\_\_ Change of Name  
\_\_\_ Other \_\_\_\_\_

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

Execution Dates: December 8, 2000, December 12, 2000 and December 13, 2000, respectively.

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: December 8, 2000, December 12, 2000 and December 13, 2000, respectively.

A. Patent Application No.(s)

B. Patent No.(s)

*09/739 309*

Additional numbers attached? \_\_\_ Yes \_\_\_  No

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

Thomas E. Anderson  
Hunton & Williams  
1900 K Street, N.W.  
Washington, D.C. 20006-1109

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: 50-0206  
(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.

Christopher Cuneo  
Registration No. No.42,450:  
Name of Person Signing

Signature *[Handwritten Signature]*

Date December 18, 2000

Total number of pages including cover sheet, attachments, and document: 7

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

01/03/2001 MTHA11 00000110 09739309  
01 FC:581 40.00 OP

jc944 U.S. PTO  
09/739309  
12/18/00

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) James AWEYA;
- (2) Michel OUELLETTE; and
- (3) Delfin Y. MONTUNO.

(hereinafter collectively ASSIGNOR), has/have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

"TCP RATE CONTROL WITH ADAPTIVE THRESHOLDS"

- (X only one)
- (a) X which was executed concurrently herewith and is being filed herewith in the United States Patent and Trademark Office;
  - (b)      which was executed on         , 20  , and is being filed herewith in the United States Patent and Trademark Office;
  - (c)      which was filed as U.S. Patent Application No.                      on         , 20  ;

AND WHEREAS, Nortel Networks Limited (hereinafter ASSIGNEE), a Canadian Corporation, having its principal place of business at World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Quebec H2Y 3Y4, is desirous of acquiring the entire right, title, and interest in and to said invention and any and all patents that may be obtained therefor, and in and to said application and any and all patents that may issue therefrom;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign, transfer, and set over unto said ASSIGNEE, its successors, assigns, and legal representatives, all right, title, and interest in and to said invention throughout the world, and any and all patents of the United States and foreign countries that may be obtained therefor, and in and to said application, including any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, and extensions thereof, and any and all patents of the United States and

foreign countries that may issue therefrom, such right, title, and interest including the right to file applications and obtain patents, utility models, industrial models, and designs for said invention in the name of said ASSIGNEE, its successors, assigns, and legal representatives, throughout the world, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, and all rights to register said invention in appropriate registries;

ASSIGNOR also does hereby covenant that it has the full right to convey the entire right, title, and interest herein assigned, and that it has not and will not execute any agreement in conflict herewith;

ASSIGNOR also does hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application, including any continuations, continuations-in-part, divisions, reissues, re-examinations, substitutions, and extensions thereof, to said ASSIGNEE, its successors, assigns, and legal representatives as the ASSIGNEE of the entire right, title, and interest herein assigned;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to perfect the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives, and generally do everything possible to vest the entire right, title, and interest herein assigned in said ASSIGNEE, its successors, assigns, and legal representatives;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary or desirable to make application for and obtain any and all continuations, continuations-in-part, divisionals, reissues, re-examinations, substitutions, or extensions of said application, or any application on said invention, or any patent issuing therefor or therefrom;

ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, communicate to said ASSIGNEE, its successors, assigns, and legal representatives, any known facts relating to said invention or said application or any patent issuing therefor or therefrom, and testify as to the same in any interference or other litigation proceeding when requested to do so, and aid said ASSIGNEE, its successors, assigns, and legal representatives, in obtaining and enforcing proper protection for said invention in all countries;

ASSIGNOR also does hereby grant the firm of Hunton & Williams of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Executed on the date(s) below indicated:

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 8 day of December, 2000.

  
\_\_\_\_\_  
Name: James AWEYA  
Address: 11-12 Deerfield Drive  
Nepean, Ontario, CANADA K2G3R6

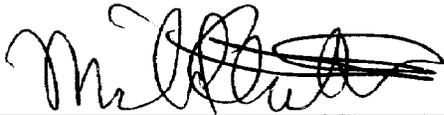
On this 08 day of December, 2000, before  
me did personally appear the above-named \_\_\_\_\_,  
personally known to me and/or proved to me on the basis of  
satisfactory evidence to be the person who signed and sealed  
the foregoing instrument and acknowledged the same to be his  
or her own free act and deed.

  
\_\_\_\_\_  
Signature

Abel Dasylva  
\_\_\_\_\_  
Printed Name

1-70 Bolton Ottawa ON  
\_\_\_\_\_  
Address K1M 5A9

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 12 day of December, 2000.



Name: Michel OUELLETTE  
Address: 672 Landry  
Rockland, Ontario, CANADA K4K1K7

On this 12 day of December, 2000, before  
me did personally appear the above-named \_\_\_\_\_,  
personally known to me and/or proved to me on the basis of  
satisfactory evidence to be the person who signed and sealed  
the foregoing instrument and acknowledged the same to be his  
or her own free act and deed.

  
Signature

Abel Dasylva  
Printed Name

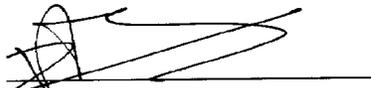
1-70 Bolton Ottawa ON  
Address K1N 5A 9

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 13 day of December, 2000.

*Delfin Y. Montuno*

Name: Delfin Y. MONTUNO  
Address: 122 Knudson Drive  
Kanata, Ontario, CANADA K2K2L8

On this 13 day of December, 2000, before  
me did personally appear the above-named \_\_\_\_\_,  
personally known to me and/or proved to me on the basis of  
satisfactory evidence to be the person who signed and sealed  
the foregoing instrument and acknowledged the same to be his  
or her own free act and deed.

  
Signature

Abel Dasylva  
Printed Name

1-70 Bolton Ottawa ON  
Address K1N5A9