

FORM PTO-1595  
(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

01-07-2004



102715782

3ET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Commissioner of Patents and Trademarks: Please attach original documents or copy thereof.

1. Name of conveying party(ies):

Paul Hanrieder  
Marc L. Graves  
Ken R.M. Hambly

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

3. Nature of conveyance:

X Assignment Merger  
Security Agreement Change of Name  
Other

Execution Date: 3/18/04; 3/18/04; and 3/19/04

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

Name: Nortel Networks Limited

Address: 2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec, H4S 2A9

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

22386 U.S. PTO  
10/811913  
033004

4. Application number(s) or patent number(s): 10811913

If this document is being filed together with a new application, the execution date(s) of the application is: 3/18/04; 3/18/04; and 3/19/04

A. Patent Application No.(s)  
To Be Assigned

B. Patent No.(s)

Additional numbers attached? Yes X 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

X 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)

03/31/2004 CNGUYEN 00000046 10811913

02 FC:8021

40.00 DP

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.

Thomas E. Anderson  
Name of Person Signing

Signature

March 30, 2004  
Date

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

**ASSIGNMENT**

WHEREAS, the undersigned, to wit:

- (1) Paul Hanrieder;
- (2) Marc L. Graves; and
- (3) Ken R.M. Hambly

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

"HIGH SPEED NON-VOLATILE ELECTRONIC MEMORY CONFIGURATION"

- (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         ;

AND WHEREAS, Nortel Networks Limited (hereinafter ASSIGNEE), is a Canadian corporation having its principal place of business at 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9, Canada, 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;

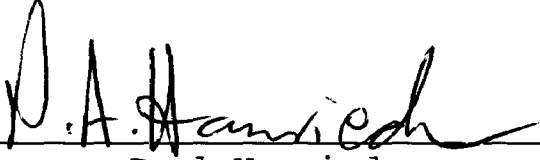
ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the

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 LLP 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.

ASSIGNOR also does now hereby execute this document on the date(s) indicated below:

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 18<sup>th</sup> day of March, 2004.

Sign: 

Print Name: Paul Hanrieder

Print Address: 261 Harvest Glen

Place N.E.

Calgary, AB T3K 4J1

Canada

Before me did personally appear the above-named Paul  
Hanrieder, 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, this 18<sup>th</sup> day of March,  
2004.

Sign: 

Print Name: JERRY FREESTONE

Print Address:

167 Cove Place  
Chestermere, Ab  
T1X 2J6

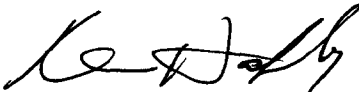
(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 18 day of MARCH, 2004.

Sign: Marc L. Graves  
Print Name: Marc L. Graves  
Print Address: 151 Flavelle Road SE  
Calgary, Alberta T2H 1G1  
Canada

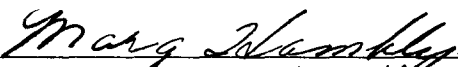
Before me did personally appear the above-named Marc L. Graves, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 18 day of March, 2004.

Sign: Jerry Freestone  
Print Name: JERRY FREESTONE  
Print Address: 167 Cove Place  
Chestermere, Ab  
T1X 1J6

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 19<sup>th</sup> day of March, 2004.

Sign:   
Print Name: Ken R.M. Hambly  
Print Address: 1828 Meadowbrook Dr. ~~KA~~  
Airdrie, Alberta T4A 1V4  
Canada

Before me did personally appear the above-named Ken R.M. Hambly, 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, this \_\_\_\_ day of \_\_\_\_\_, 2004.

Sign:   
Print Name: MARG. HAMBLY  
Print Address: 704 28TH ST. W.  
SASKATOON SASK  
S7L0L4