

04-14-2003

ATTORNEY DOCKET No.: 57983.000072  
CLIENT REFERENCE No. 15041ROUS011



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PATENTS ONLY

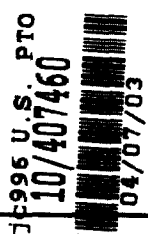
SHEET

To the Director of the United States Patent and Trademark Office: Please record the attached original document(s) or copy(ies) hereof.

Name of Conveying Party(ies):

Guy M. A. F. Duxbury;  
Aneta Wyrzykowska;  
Luigi G. Difilippo; and  
Herman Kwong

4.7.03



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

Name and Address of Party(ies) receiving an interest (assignee(s)):

Name: Nortel Networks Limited  
Address: 2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec, H4S 2A9  
Country: Canada

Additional name(s) and address(es) attached?  Yes  No

Nature of Conveyance:

Assignment  Merger  Change of Name  
 Verified Translation  Security Agreement  Other: \_\_\_\_\_

Execution Date: April 7, 2003

Application number(s) or patent number(s):

10407460

If this document is being filed together with a new application, the execution date(s) of the application is: April 7, 2003

A. Patent Application No(s): \_\_\_\_\_ B. Patent No(s): \_\_\_\_\_  
to be assigned

Others on additional sheet(s) attached?  Yes  No

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

**Thomas E. Anderson, Esq.**  
Intellectual Property Department  
Hunton & Williams  
1900 K Street, N.W.  
Suite 1200  
Washington, DC 20006-1109  
(202) 955-1500 (telephone)  
(202) 778-2201 (facsimile)

Total number of applications and patents involved:

Application(s): 1  
+ Patent(s): \_\_\_\_\_  
= Total: 1

Total Fee (37 C.F.R. § 3.41) . . . . \$ 40.00

Enclosed  
 Authorized to be charged to Deposit Account

Deposit Account No.: 50-0206

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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, Reg. No. 37,063

Name of Person Signing

Signature

April 7, 2003

Date

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

8

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**ASSIGNMENT**

WHEREAS, the undersigned, to wit:

- (1) Guy M.A.F. Duxbury;
- (2) Aneta Wyrzykowska;
- (3) Luigi Difilippo; and
- (4) Herman Kwong

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

"TECHNIQUES FOR REDUCING THE NUMBER OF LAYERS IN A MULTILAYER SIGNAL ROUTING DEVICE"

- (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), a Canadian company 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

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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;

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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.

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

Patent Application  
Attorney Docket No.: 57983.000072  
Client Reference No.: 15041ROUS01I

(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 3rd day of April, 2003

Sign: Guy A. Duxbury  
Print Name: Guy A. F. Duxbury  
Print Address: 56 Foothills Drive  
Nepean, ON CANADA K2H6K3

Before me did personally appear the above-named Guy A. Duxbury, 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 03 day of April, 2003.

Sign: Martin Handforth  
Print Name: MARTIN HANDFORTH  
Print Address: 42 T. Hany Crescent  
Kanata, ON K2K 1W2  
CANADA

Patent Application  
Attorney Docket No.: 57983.000072  
Client Reference No.: 15041ROUS01I

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 3<sup>rd</sup> day of April, 2003.

Sign: Aneta Wyrzykowska  
Print Name: Aneta Wyrzykowska  
Print Address: 52 Shearer Crest  
Kanata, ON  
Canada K2L3N2

Before me did personally appear the above-named Aneta Wyrzykowska, 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 03 day of April, 2003.

Sign: Martin Handforth  
Print Name: MARTIN HANDFORTH  
Print Address: 42 Tiffany Crescent  
Kanata, ON K2K 1W2  
CANADA

Patent Application  
Attorney Docket No.: 57983.000072  
Client Reference No.: 15041ROUS011

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 3<sup>rd</sup> day of APRIL, 2003.

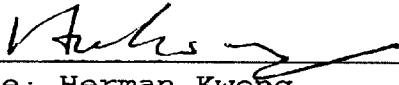
Sign: Luigi G. DiFilippo  
Print Name: Luigi G. DiFilippo  
Print Address: 23 Helmo Cres.  
Kanata, ON  
Canada K2T1C7

Before me did personally appear the above-named Luigi G. DiFilippo, 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 03 day of April, 2003.


Sign: Martin Handforth  
Print Name: MARTIN HANDFORTH  
Print Address: 42 Tiltan Cres  
Kanata, ON K2K1W2  
CANADA

Patent Application  
Attorney Docket No.: 57983.000072  
Client Reference No.: 15041ROUS01I

(4) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 3<sup>rd</sup> day of APRIL, 2003.

Sign:   
Print Name: Herman Kwong  
Print Address: 15 Hewitt Way  
Kanata, ON  
Canada K2L3S2

Before me did personally appear the above-named Herman Kwong, 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 3 day of April, 2003.

Sign:   
Print Name: MARTIN HANDFORTH  
Print Address: 42 TIFFANY CRBS  
KANATA, ON K2K1W2  
CANADA