

03-29-2002

Patent Application

at No.: 57983.000076

e No.: 14918ROUS01U

FORM PTO-1595  
(Rev. 6-93)

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

102035671

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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

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

Aneta D. Wyrzykowska;  
Luigi G. Difilippo; and  
Herman KwongAdditional name(s) of conveying party(ies)  
attached? Yes ☒ No ☐

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

Name: Nortel Networks Limited

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ OtherExecution Date: 3/12/02; 3/12/02; and  
3/11/02.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: 3/12/02; 3/12/02; and 3/11/02.

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:Thomas E. Anderson  
Hunton & Williams  
1900 K Street, NW  
Washington DC 2000603/22/2002 TGEDAMU1 00000045 10101211  
01 FC:581 40.00 OP6. Total number of applications and patents  
involved: 17. 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)

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.Kerry H. Owens

Name of Person Signing

Kerry H. Owens  
SignatureMarch 20, 2002

Date

Total number of pages including cover sheet, attachments, and document: 7Mail 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) Aneta <sup>D.</sup> Wyrzykowska;  
(2) Luigi G. Difilippo; and  
(3) 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:

"TECHNIQUE FOR REDUCING THE NUMBER OF LAYERS IN A MULTILAYER  
CIRCUIT BOARD"

- (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       , 200  , and is being filed herewith in the United States Patent and Trademark Office;  
(c)        which was filed as U.S. Provisional 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 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, NW, Washington, DC 20006 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 19<sup>th</sup> day of March, 2002.

Aneta Wyrzykowska  
Name: Aneta W. Wyrzykowska  
Address: 52 Shearer Crest  
Kanata, ON  
Canada K2L3N2

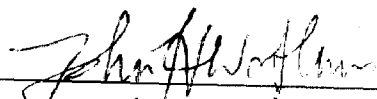
On this 19<sup>th</sup> day of March, 2002, before me  
did personally appear the above-named Aneta W. Wyrzykowska,  
personally known to me and/or proved to me on the basis of  
satisfactory evidence to be the person who signed and sealed the  
foregoing instrument and acknowledged the same to be his or her  
own free act and deed.

Sign: John Watkins  
Print Name: JOHN WATKINS  
Print Address: 19 LAUREL ST  
OTTAWA, ON

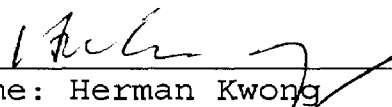
(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 12<sup>th</sup> day of MARCH, 2002.

  
Name: Luigi G. Difilippo  
Address: 23 Hemlo Cres.  
Kanata, Ontario  
Canada K2T1C7


On this 12 day of March, 2002, 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.

Sign:   
Print Name: JOHN WATKINS  
Print Address: 19 LAUREL ST  
OTTAWA, ONTARIO

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal  
this 11<sup>th</sup> day of MARCH, 2002.

  
\_\_\_\_\_  
Name: Herman Kwong  
Address: 15 Hewitt Way  
Kanata, ON  
Canada K2L3S2

On this 11<sup>th</sup> day of MARCH, 2002, 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.

Sign:   
\_\_\_\_\_  
Print Name:  
Print Address: