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Patent Application

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FORM PTO-1595

(Rev. 6-93)

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



102298358

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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1. Name of conveying party(ies):

Abel C. Dasylva
Delfin Y. Montuno

4/25/02

Additional 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
CANADA

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ OtherAdditional name(s) & address(es)
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Execution Dates: 11/20/02

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: 11/20/02A. Patent Application No.(s)
To Be Assigned

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 200066. 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
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and
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Thomas E. Anderson

Name of Person Signing

Signature

November 25, 2002

Date

Total number of pages including cover sheet, attachments, and document: 6Mail 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) Abel C. Dasyilva;
- (2) 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:

**"TECHNIQUE FOR MULTICASTING OPTICAL FREQUENCY CHANNELS IN A
MULTI-CHANNEL OPTICAL SYSTEM"**

- (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 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.

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 20th day of November, 2002.

Sign: 

Print Name: ~~Abel C.~~ Dasylva

Print Address: 1-70 Bolton

Ottawa, ON

Canada K1N5A9

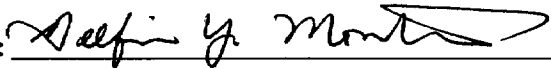
Before me did personally appear the above-named Abel C. Dasylva, personally known to me and/or proved to me on the basis of satisfactory evidence to be the person who signed and sealed the foregoing instrument and acknowledged the same to be his or her own free act and deed, this 20th day of Nov, 2002.

Sign: 

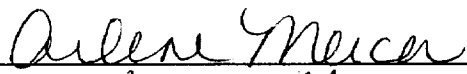
Print Name: Arlene Mercer

Print Address: 136-1045 Morrison Dr.
Ottawa, ON K2H7L2

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 20th day of November, 2002.

Sign: 
Print Name: Delfin Y. Montuno
Print Address: 122 Knudson Drive
Kanata, ON
Canada K2K2L8

Before me did personally appear the above-named Delfin Y. Montuno, 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 20th day of Nov, 2002

Sign: 
Print Name: Arlene Mercer
Print Address: 136-1045 Morrison Dr.
Ottawa, ON K2H 7L2