

05-30-2003

ATTORNEY DOCKET No.: 57983.000120
CLIENT REFERENCE NO. 15842MDUS01U

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

1. Name of Conveying Party(ies):

- (1) Mingjian Yan; and
-
- (2) Aleksandar Purkovic.

5-22-03

11000 U.S. PTP
10/443009
05/22/03

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. 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

3. Nature of Conveyance:

- ☒
- Assignment
- ☐
- Merger
- ☐
- Change of Name
-
- ☐
- Verified Translation
- ☐
- Security Agreement
- ☐
- Other: _____

Execution Date: (1) May 20, 2003; and (2) May 20, 2003

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

If this document is being filed together with a new application, the execution date(s) of the application is: (1) May 20, 2003; and (2) May 20, 2003

A. Patent Application No(s).:

B. Patent No(s).:

to be assigned

Others on additional sheet(s) attached?

☐ Yes☒ No

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

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

6. Total number of applications and patents involved:

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

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

- ☒
- Enclosed
-
- ☐
- Authorized to be charged to Deposit Account

8. Deposit Account No.: 50-0206

(Duplicate copy of this sheet attached)

- ☒
- Charge any underpayment or credit any overpayment to above 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.

Thomas E. Anderson, Reg. No. 37,063

Name of Person Signing

Signature

May 22, 2003

Date

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

6

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) Mingjian Yan; and
- (2) Aleksandar Purkovic.

(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 PEAK-TO-AVERAGE POWER RATIO
IN DIGITAL SIGNAL COMMUNICATIONS"

- (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, 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 20 day of May, 2003.

Sign: Mingjian Yan
Print Name: Mingjian Yan
Print Address: 12028 Coldstream Drive
Potomac, MD 20854
United States

Before me did personally appear the above-named Mingjian Yan, 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 20 day of May, 2003

Sign: Carol Hannah
Print Name: Carol Hannah
Print Address: 13934 Penn Shop Rd
Mt Airy, MD 21771

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 20 day of May, 2003

Sign: Aleksandar Purkovic
Print Name: Aleksandar Purkovic
Print Address: 12022 Gatewater Drive
Potomac, MD 20854
United States

Before me did personally appear the above-named Aleksandar
Purkovic, 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 20 day of May,
2003

Sign: Carol Hallen
Print Name: Carol Hallen
Print Address: 13934 Penn Shop Rd
Mt Airy, MD 21771