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1 JUN 06 2002
PATENT & TRADEMARK OFFICE

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Patent Application
Attorney Docket No.: 57983.000077
: 14730ROUS01U
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

FORM PTO-1595
(Rev. 6-93)

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



To the Commissioner of Patents and Trademarks: Pl

102119968

uments or copy thereof.

1. Name of conveying party(ies):

How Kee Au
Randy Kuang
Guo Qiang Wang

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

6.6.02

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

3. Nature of conveyance:

___ Assignment ___ Merger

___ Security Agreement ___ Change of Name

X Other Resubmission - Assignment Cover
Sheet reflecting Application Number; Document
ID No. 102018057

Execution Date: 3/4/02

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:

A. Patent Application No.(s)
10/084,310

Additional numbers attached? Yes X No

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, NW
Washington DC 20006

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41):... \$ No Fee Due

___ Enclosed

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Yisun Song
Name of Person Signing

Signature

June 6, 2002
Date

Total number of pages including cover sheet, attachments, and document: 6

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PATENT
REEL: 012963 FRAME: 0869

03-14-2002



102018057

Patent Application
Attorney Docket No.: 57983.000077
Client Reference No.: 14730ROUS01U

FORM PTO-15
(Rev. 6-93)

TION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

PATENTS ONLY

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

1. Name of conveying party(ies):

How Kee Au
Randy Kuang
Guo Qiang Wang

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 3/4/02

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: 3/4/02.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes ☐ No ☒

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correspondence concerning document should
be mailed:

Thomas E. Anderson
Hunton & Williams
1900 K Street, NW
Washington DC 20006

6. Total number of applications and patents
involved: 1

7. Total fee (37 CFR 3.41):.... \$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

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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.

Yisun Song

Name of Person Signing

Signature

March 5, 2002

Date

Total number of pages including cover sheet, attachments, and document: 4

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Washington, D.C. 20231

ASSIGNMENT

WHEREAS, the undersigned, to wit:

- (1) How Kee Au;
- (2) Randy Kuang; and
- (3) Guo Qiang Wang

(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 VERIFYING FIBER CONNECTIVITY IN A PHOTONIC NETWORK"

- (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 4th day of March, 2002.

Au How Kee

Name: How Kee Au
Address: 630 Fraser Avenue
Ottawa, Ontario
Canada K2A2R5

On this 4th day of March, 2002, before me
did personally appear the above-named How Kee Au, 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: Arlene Mercer
Print Name: Arlene Mercer
Print Address: 3500 Carling Ave.
Ottawa ON
K2H 8E9

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

Randy Kuang
Name: Randy Kuang
Address: 38 Cheltonia Way
Kanata, Ontario
Canada K2T1G2

On this 4th day of 3 March, 2002, before me
did personally appear the above-named Randy Kuang, 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: Arlene Mercer
Print Name: Arlene Mercer
Print Address: 3500 Carling Ave.
Ottawa, ON
K2H 8E9

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 4 day of March, 2002.

G. Q. Wang
Name: Guo Qiang Wang
Address: 19 Charlesworth Lane
Kanata, Ontario
Canada K2K3L5

On this 4th day of March, 2002, before me
did personally appear the above-named Guo Qiang Wang, 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: Arlene Mercer
Print Name: Arlene Mercer
Print Address: 3500 Carling Ave.
Ottawa, ON
K2H 8E9.