

02-21-2003

SHEET



102371200

To the Director of the United States
thereof.

and the attached original document(s) or copy(ies)

1. Name of Conveying Party(ies):
How Kee Au;
Randy Kuang; and
Guo Qiang Wang

2-12-03

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

DC821 U.S. PRO
10/364401
02/12/03

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: **February 10, 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: **February 10, 2003**

A. Patent Application No(s): to be assigned **10364401** B. Patent No(s):

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
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

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.

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

Name of Person Signing

Signature

February 12, 2003

Date

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

7

02/13/2003 RHARIS1 00000051 10364401

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40.00 DP

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 TRANSFERRING INFORMATION IN A PASSIVE OPTICAL 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 _____, 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;

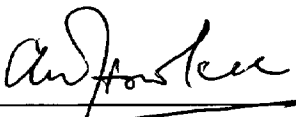
ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the

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 10 day of February, 2003.

Sign: 
Print Name: ~~How Kee Au~~
Print Address: 630 Fraser Avenue
Ottawa, ON
Canada K2A 2R5

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, this 10th day of February, 2003.

Sign: 
Print Name: Arlene Mercer

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 10 day of Feb., 2003.

Sign: Randy Kuang
Print Name: Randy Kuang
Print Address: 38 Cheltonia Way
Kanata, ON
Canada K2T 1G2

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, this 10th day of February, 2003.

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

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 6 day of Feb, 2003.

Sign: GUO QIANG. WANG
Print Name: Guo Qiang Wang
Print Address: 19 Charlesworth Lane
Kanata, ON
Canada K2K 3L5

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, this 10th day of February, 2003

Sign: A Mercer
Print Name: A Mercer
Print Address: 136-1045 Monson Dr.
Ottawa ON K2H7L2.