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

1. Name of Conveying Party(ies):

- (1) James Aweya;
- (2) Delfin Y. Montuno;
- (3) Michel Ouellette;
- (4) Zhonghui Yao; and
- (5) Victor Firoiu.

4-25-03

UC857 U.S. PTO
10/422796
04/25/03

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) April 23, 2003; (2) April 23, 2003; (3) April 23, 2003; (4) April 23, 2003; and (5) April 22, 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) April 23, 2003; (2) April 23, 2003; (3) April 23, 2003; (4) April 23, 2003; and (5) April 22, 2003

10422796

- A. Patent Application No(s): to be assigned 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

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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

April 25, 2003

Date

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

04/28/2003 HMARZ11 00000018 10422796

03 FC:8021

40.00 DP

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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;

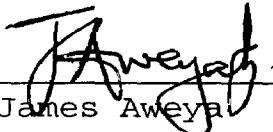
ASSIGNOR also does hereby agree to, at any time, upon request, without further or additional consideration but at the expense of said ASSIGNEE, its successors, assigns, or legal representatives, execute and deliver any and all papers, make all rightful oaths, and do all lawful acts that may be necessary 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;

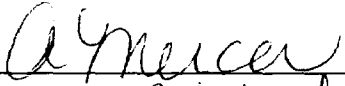
ASSIGNOR also does hereby grant the firm of Hunton & Williams of 1900 K Street, N.W., Washington, D.C., 20006-1109, or its agents, the power to insert on this assignment any further information, including but not limited to application number(s) and filing date(s), which may be necessary or desirable 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:

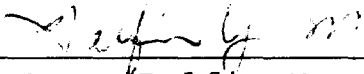
(1) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 23 day of APRIL, 2003

Sign: 
Print Name: James Aweya
Print Address: 24 Stikine Drive
Kanata, ON
CANADA K2T 1H1

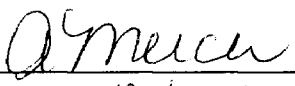
Before me did personally appear the above-named James
Aweya, personally known to me and/or proved to me on the basis
of satisfactory evidence to be the person who signed and sealed
the foregoing instrument and acknowledged the same to be his or
her own free act and deed, this 23rd day of April, 2003

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

(2) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 23 day of April, 2003

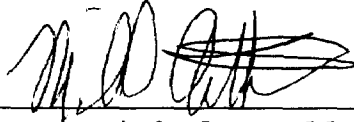
Sign: 
Print Name: Delfin Y. Montuno
Print Address: 122 Knudson Drive
Kanata, ON
CANADA K2K 2L8

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 23rd day of April, 2003

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

(3) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 23 day of April, 2003.

Sign: _____



Print Name: Michel Ouellette

Print Address: 865 Concession 1

Plantagenet, ON

CANADA K0B 1L0

Before me did personally appear the above-named Michel
Ouellette, 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 23rd day of April,
2003

Sign: _____



Print Name: Arlene Mercer

Print Address: _____

136-1045 Morrison Dr.
Ottawa ON K2H 7L2

(4) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 23 day of April, 2003.

Sign: Zhonghui Yao
Print Name: Zhonghui Yao
Print Address: 708-960 Teron Road
Kanata, ON
CANADA K2K 2B6

Before me did personally appear the above-named Zhonghui Yao, 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 23rd day of April, 2003.

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

(5) IN WITNESS WHEREOF, I have hereunto set my hand and seal
this 22 day of April, 2003.

Sign: _____

Print Name: Victor Firoiu

Print Address: 4 Rolling Meadow Lane
Westford, MA
USA 01886

Before me did personally appear the above-named Victor
Firoiu, 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 22nd day of April, 2003.

Sign: _____

Print Name: Holmes W. Anderson

Print Address: 3 Woodside Way
Atkinson, NH 03811