

9/7/99

09-10-1999

Docket No.: 2204/124

FORM PTO-1595 (Modified)
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)
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P08/REV02



101141678

R SHEET

U.S. DEPARTMENT OF COMMERCE

LY

Patent and Trademark Office

Tab settings

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

1. Name of conveying party(ies):

Amr A. Awadallah
Shenze Chen
David Li
Manu Thapar

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Nortel Networks CorporationInternal Address: World Trade Center of MontrealStreet Address: 380 St. Antoine Street West, 8th FloorMontreal, Quebec H2Y 3Y4, Canada

City: _____ State: _____ ZIP: _____

3. Nature of conveyance:

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

Execution Date: 6/26/99, 7/2/99, 8/30/99,Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/285,127

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Jay SandvosInternal Address: BROMBERG & SUNSTEIN LLP09/09/1999 WRM11 00000081 0928512701 FC:58140.00 DPStreet Address: 125 Summer StreetCity: Boston State: MA ZIP: 02110

6. Total number of applications and patents involved:

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

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number:

19-4972

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.

Jay Sandvos

Name of Person Signing

Signature

September 2, 1999

Date

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

9

ASSIGNMENT

ASSIGNOR: Amr A. Awadallah
Michael Chen
David Li
Manu Thapar

ASSIGNEE: Northern Telecom Limited
World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor
Montreal, Quebec H2Y 3Y4
Canada

STATE OF INCORPORATION OF ASSIGNEE: N/A

INVENTION: A PACKET MAPPER FOR DYNAMIC DATA PACKET
PRIORITIZATION

ATTORNEY DOCKET: 2204/124

SERIAL NO: 09/285,127

FILED: April 2, 1999

Assignor is the sole inventor (if only one inventor is listed above) or a joint inventor (if more than one inventor is listed above) of the above invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having as a title the above name for the Invention. The Application has a Patent and Trademark Office filing date and serial number as indicated above, or if no filing date and serial number are shown, has a Declaration executed by Assignor contemporaneously with this Assignment.

For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and

all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set

forth below.

Date: _____

Amr A. Awadallah, Assignor

STATE OF

)

) ss.

COUNTY OF

)

Before me, a notary public in and for said county and state, personally appeared Amr A. Awadallah, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires:

(seal)

Date: _____

Michael Chen, Assignor

STATE OF

)

) ss.

COUNTY OF

)

Before me, a notary public in and for said county and state, personally appeared Michael Chen, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires:

(seal)

Date: 6/26/97

David Li
David Li, Assignor

STATE OF California)
COUNTY OF Santa Clara) ss.
)

Before me, a notary public in and for said county and state, personally appeared David Li, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.



Long Fa Hwang
Notary Public
My Commission Expires:

Date: _____

Manu Thapar, Assignor

STATE OF)
COUNTY OF) ss.
)

Before me, a notary public in and for said county and state, personally appeared Manu Thapar, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

(seal)

Notary Public
My Commission Expires:

ASSIGNMENT

ASSIGNOR: Amr A. Awadallah
Michael Chen
David Li
Manu Thapar

ASSIGNEE: Northern Telecom Limited
World Trade Center of Montreal
380 St. Antoine Street West, 8th Floor
Montreal, Quebec H2Y 3Y4
Canada

STATE OF INCORPORATION OF ASSIGNEE: N/A

INVENTION: A PACKET MAPPER FOR DYNAMIC DATA PACKET
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For valuable consideration, receipt of which is acknowledged, each Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and

all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application, any divisional, continuation-in-whole, or substitute United States application which is based on the Application; or any continuation-in-part United States application (including divisions, continuations-in-whole or -in-part, and substitutions thereof or therefor) based in-part on any of the above described applications.

Each Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues and extensions therefor, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. Each Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

IN WITNESS WHEREOF, each Assignor hereby executes this instrument on the date set

forth below.

Date: 7/2/99

Amr A. Awadallah, Assignor

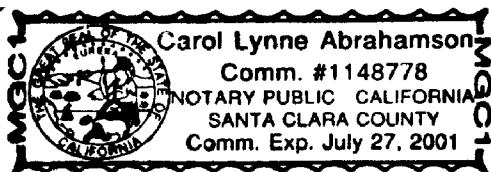
Amr A. Awadallah, Assignor

STATE OF California

COUNTY OF Santa Clara

)
) ss.
)

Before me, a notary public in and for said county and state, personally appeared Amr A. Awadallah, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. *proved to me on the basis of satisfactory evidence*



(seal)

Carol Lynne Abrahamson
Notary Public
My Commission Expires: July 27, 2001

Date: 7/2/99

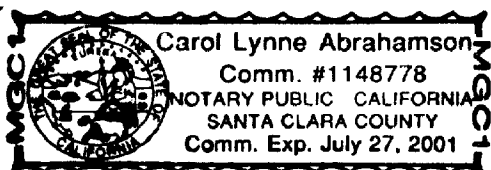
Shenze Chen
Shenze ~~Michael~~ Chen, Assignor
S.C.

STATE OF California

COUNTY OF Santa Clara

)
) ss.
)

Before me, a notary public in and for said county and state, personally appeared Michael Chen, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature. *proved to me on the basis of satisfactory evidence* *Shenze*



(seal)

Carol Lynne Abrahamson
Notary Public
My Commission Expires: July 27, 2001

Date: _____

David Li, Assignor

STATE OF

)

) ss.

COUNTY OF

)

Before me, a notary public in and for said county and state, personally appeared David Li, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires:

(seal)

Date: 8/30/99

Manu Thapar

Manu Thapar, Assignor

STATE OF California

)

) ss.

COUNTY OF Santa Clara

)

Before me, a notary public in and for said county and state, personally appeared Manu Thapar, to me known to be the person described in the foregoing instrument, who, being first duly sworn, acknowledged his signature on the foregoing instrument in my presence and declared the same to be his free act and deed on the date written above opposite his signature.

Notary Public

My Commission Expires:

(seal)