

## CORRECTED

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Nortel Networks Corporation

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

☒ No ☐ Yes

3. Nature of Conveyance

☐ Assignment☐ Merger☐ Security Agreement☒ Change of Name☐ Other:Execution Date(s): May 23, 2001

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

Nortel Networks Limited

Internal Address: \_\_\_\_\_

Street Address: 2351 Boulevard Alfred-NobelCity: St. LaurentProvince: QuebecZip: H4S 2A9Country: CANADAAdditional name(s) & address(es) attached? ☒ No ☐ Yes

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)

B. Patent No.(s)

See Attached List

Additional numbers attached? ☐ No ☒ Yes

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

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Internal Address: \_\_\_\_\_

Street Address: 12400 Wilshire Boulevard, 7<sup>th</sup> FloorCity: Los Angeles State: California Zip: 900256. Total number of applications and patents involved: 43

7. Total Fee (37 CFR 3.41).....\$1,720.00

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*To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document*William W. Schaal

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February 7, 2003

Date

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CH \$1720.00 022666 09224674

## Patents and Patent Applications to Assign from Nortel Networks Corporation to Nortel Networks Limited

| Docket No.         | Title                                                         | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|--------------------|---------------------------------------------------------------|-------------------------|---------------------------|
| 003239.P004        | Transitioning Between Redundant Computer Systems on a Network | 09/001,544<br>6,202,169 | 12/31/1997<br>3/13/2001   |
| Proposal No SS0129 |                                                               |                         |                           |
| Inventors          | Siamak Razzaghe-Ashrafi, Denny D. Landaveri                   |                         |                           |
| Assignee           | Nortel Networks Corporation                                   | Recorded 12/26/2000     | Reel/Frame 011399/0617    |

| Docket No.         | Title                                                                                                             | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|--------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| 003239.P005        | Method and Apparatus for Controlling Characteristics of Distributed Telephone Sets from a Central Telephone Swith | 09/001,510<br>6,266,404 | 12/31/1997<br>7/24/2001   |
| Proposal No SS0125 |                                                                                                                   |                         |                           |
| Inventors          | Bae-Sik Chon, Trang Ngo                                                                                           |                         |                           |
| Assignee           | Northern Telecom                                                                                                  | Recorded 04/23/1999     | Reel/Frame 9907/0742      |
|                    | Northern Telecom Limited                                                                                          | 11/22/1999              | 010424/0751               |
|                    | Nortel Networks Corporation                                                                                       | 12/20/1999              | 010504/0903               |

| Docket No.  | Title                                      | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|-------------|--------------------------------------------|-------------------------|---------------------------|
| 003239.P008 | Tandem Passthrough in a Switched Call      | 09/074,868<br>6,381,249 | 5/8/1998<br>4/30/2002     |
| Proposal No |                                            |                         |                           |
| Inventors   | Christina Kwok-Han Chan, Louis Marie Greer |                         |                           |
| Assignee    | Northern Telecom                           | Recorded 08/13/1998     | Reel/Frame 9388/0090      |
|             | Nortel Networks Corporation                | 12/20/1999              | 010504/0903               |

| Docket No.         | Title                       | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|--------------------|-----------------------------|------------------------|---------------------------|
| 003239.P024        | CALLER IP ADDRESS           | 09/224,674             | 12/31/1998                |
| Proposal No SS0198 |                             |                        |                           |
| Inventors          | Luan D. Dang, Wilkie Lau    |                        |                           |
| Assignee           | Northern Telecom Limited    | Recorded 12/31/1998    | Reel/Frame 9704/0458      |
|                    | Northern Telecom Limited    | 03/11/1999             | 9813/0291                 |
|                    | Nortel Networks Corporation | 12/20/1999             | 010504/0903               |

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| Docket No.            | Title                                                                        | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P092C2         | LAN/ATM Switch Having Local Packet Switching and an ATM Core Fabric          | 08/795,240             | 2/10/1997                 |
| Proposal No<br>BA0092 |                                                                              |                        |                           |
| Inventors             | H. Earl Ferguson, Bobby R. Johnson, Jr., Mike Noll, Jeff Prince, Randy Ryals |                        |                           |
| Assignee              | Bay Networks Group, Inc.                                                     | Recorded 12/18/1995    | Reel/Frame 7944/0203      |
|                       | Bay Networks, Inc.                                                           | 08/26/1996             | 8103/0527                 |
|                       | Nortel Networks Group Inc.                                                   | 12/28/1999             | 010470/0277               |
|                       | Nortel Networks Corporation                                                  | 01/03/2000             | 010547/0430               |

| Docket No.              | Title                                                                        | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-------------------------|------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P092C3           | LAN/ATM Switch Having Local Packet Switching and an ATM Core Fabric          | 10/298,137             | 11/18/2002                |
| Proposal No<br>BA0092C3 |                                                                              |                        |                           |
| Inventors               | H. Earl Ferguson, Bobby R. Johnson, Jr., Mike Noll, Jeff Prince, Randy Ryals |                        |                           |
| Assignee                | Bay Networks Group, Inc.                                                     | Recorded 12/18/1995    | Reel/Frame 7944/0203      |
|                         | Bay Networks, Inc.                                                           | 08/26/1996             | 8103/0527                 |
|                         | Nortel Networks Group Inc.                                                   | 12/28/1999             | 010470/0277               |
|                         | Nortel Networks Corporation                                                  | 01/03/2000             | 010547/0430               |

| Docket No.             | Title                                                                  | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P093C           | Method and Apparatus for Dynamically Allocating Bandwidth on a TDM Bus | 08/537,144             | 9/29/1995                 |
| Proposal No<br>BA0089C |                                                                        |                        |                           |
| Inventors              | Jeff Prince, Mike Noll                                                 |                        |                           |
| Assignee               | Bay Networks Group, Inc.                                               | Recorded 09/29/1995    | Reel/Frame 7705/0487      |
|                        | Nortel Networks Group Inc.                                             |                        |                           |
|                        | Nortel Networks Corporation                                            | 09/18/2000             | 011103/0405               |

| Docket No.            | Title                                                                | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|----------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P125           | Method and Apparatus for Synchronizing Multiple Copies of a Database | 08/636,664             | 4/23/1996                 |
| Proposal No<br>BA0106 |                                                                      |                        |                           |
| Inventors             | William M. Salkewicz, Ross W. Callon                                 |                        |                           |
| Assignee              | Bay Networks, Inc.                                                   | Recorded 06/24/1996    | Reel/Frame 8065/0881      |
|                       | Nortel Networks NA Inc.                                              | 12/23/1999             | 010461/0283               |
|                       | Nortel Networks Corporation                                          | 01/04/2000             | 010547/0430               |

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**PATENT**  
**REEL: 013746 FRAME: 0332**

| Docket No.             | Title                                                         | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|---------------------------------------------------------------|------------------------|---------------------------|
| 082771.P129C           | Method for Storing a Tree of Potential Keys in a Sparse Table | 08/690,225             | 7/19/1996                 |
| Proposal No<br>BA0120A |                                                               | 5,857,196              | 1/5/1999                  |
| Inventors              | Richard L. Angle, Edward S. Harriman, Jr., Geoffrey B. Ladwig |                        |                           |
| Assignee               | Bay Networks, Inc.                                            | Recorded 10/15/1996    | Reel/Frame 8199/0337      |
|                        | Nortel Networks NA Inc.                                       | 12/23/1999             | 010461/0283               |
|                        | Nortel Networks Corporation                                   | 01/04/2000             | 010547/0891               |

| Docket No.             | Title                                                                           | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|---------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P155C           | Method of Performing a Network Management Transaction Using a Web-Capable Agent | 09/405,824             | 9/24/1999                 |
| Proposal No<br>BA0128C |                                                                                 | 6,393,475              | 5/21/2002                 |
| Inventors              | Leon Y.K. Leong, Duc H. Doan                                                    |                        |                           |
| Assignee               | Bay Networks, Inc.                                                              | Recorded 07/28/1997    | Reel/Frame 8653/0354      |
|                        | Nortel Networks NA Inc.                                                         | 12/23/1999             | 010461/0283               |
|                        | Nortel Networks Corporation                                                     |                        |                           |

| Docket No.             | Title                                                                                            | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|--------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P179            | Method and Apparatus for Monitoring a Dedicated Communications Medium in a Switched Data Network | 08/714,930             | 9/27/1996                 |
| Proposal No<br>BA0125A |                                                                                                  | 6,047,321              | 4/4/2000                  |
| Inventors              | Ilan Raab, Robert W. Smith, David B. Stevens, Sri Reddy                                          |                        |                           |
| Assignee               | Bay Networks, Inc.                                                                               | Recorded 09/27/1996    | Reel/Frame 8228/0764      |
|                        | Nortel Networks NA Inc.                                                                          | 12/23/1999             | 010461/0283               |
|                        | Nortel Networks Corporation                                                                      | 01/04/2000             | 010547/0891               |

| Docket No.            | Title                                                                   | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|-------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P185           | Communications Highway Network System                                   | 08/072,585             | 6/4/1993                  |
| Proposal No<br>BA0174 |                                                                         | 5,471,474              | 11/28/1995                |
| Inventors             | Christopher Grobicki, Cynthia Mazza, Edward O'Connell, John Ulm, Gerard |                        |                           |
| Assignee              | LANcity Corporation                                                     | Recorded 08/13/1993    | Reel/Frame 6625/0541      |
|                       | Nortel Networks Corporation                                             | 01/03/2000             | 010526/0964               |

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**PATENT**  
**REEL: 013746 FRAME: 0333**

| <b>Docket No.</b>      | <b>Title</b>                 | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|------------------------|------------------------------|--------------------------------|-----------------------------------|
| 082771.P186            | Digital Communication System | 06/404,039                     | 8/2/1982                          |
| Proposal No<br>BA0001X |                              | 4,500,989                      | 2/19/1985                         |
| Inventors              | Ashraf M. Dahod              |                                |                                   |
| Assignee               | Infotran Systems Corporation | Recorded 05/21/1986            | Reel/Frame 004553/0762            |
|                        | Ashraf M. Dahod              | 05/11/1987                     | 004708/0446                       |
|                        | Bay Networks, Inc.           | 04/26/1999                     | 009912/0593                       |
|                        | Nortel Networks NA Inc.      | 07/03/2000                     | 010942/0283                       |
|                        | Nortel Networks Corporation  | 09/11/2000                     | 011084/0486                       |

| <b>Docket No.</b>       | <b>Title</b>                                                                        | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|-------------------------|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P189             | Method and Apparatus for Locating and Isolating a Fault Within a Token Ring Network | 08/879,831                     | 6/20/1997                         |
| Proposal No<br>BA0147.1 |                                                                                     | 6,219,335                      | 4/17/2001                         |
| Inventors               | Wilson C.W. Luk, Keith S. Fischer, Kenrick M. Kutzler                               |                                |                                   |
| Assignee                | Bay Networks, Inc.                                                                  | Recorded 06/20/1997            | Reel/Frame 8615/0721              |
|                         | Nortel Networks NA Inc.                                                             | 12/23/1999                     | 010461/0283                       |
|                         | Nortel Networks Corporation                                                         | 01/04/2000                     | 010547/0891                       |

| <b>Docket No.</b>      | <b>Title</b>                                                           | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|------------------------|------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P195C           | Method and Apparatus for Communicating Data and Management Information | 09/474,605                     | 12/29/1999                        |
| Proposal No<br>BA0126C |                                                                        | 6,311,220                      | 10/30/2001                        |
| Inventors              | Keith S. Fischer, Corey A. Selby, Robert W. Smith, Kevin G. Smith      |                                |                                   |
| Assignee               | Bay Networks, Inc.                                                     | Recorded 09/02/1997            | Reel/Frame 8699/0299              |
|                        | Nortel Networks NA Inc.                                                | 12/23/1999                     | 010461/0283                       |
|                        | Nortel Networks Corporation                                            | 11/06/2000                     | 011076/0725                       |

| <b>Docket No.</b>      | <b>Title</b>                                                                        | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|------------------------|-------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P219            | Method and Apparatus for Locating and Isolating a Fault Within a Token Ring Network | 08/879,732                     | 6/20/1997                         |
| Proposal No<br>BA0147B |                                                                                     | 6,175,553                      | 1/16/2001                         |
| Inventors              | Wilson C.W. Luk, Keith S. Fischer, Kenrick M. Kutzler                               |                                |                                   |
| Assignee               | Bay Networks, Inc.                                                                  | Recorded 06/20/1997            | Reel/Frame 8615/0934              |
|                        | Nortel Networks NA Inc.                                                             | 12/23/1999                     | 010461/0283                       |
|                        | Nortel Networks Corporation                                                         | 01/04/2000                     | 010547/0891                       |

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**PATENT**  
**REEL: 013746 FRAME: 0334**

| Docket No.   | Title                                                                             | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|--------------|-----------------------------------------------------------------------------------|-------------------------|---------------------------|
| 082771.P225C | Efficient Path Based Forwarding and Multicast Forwarding - Utility - Continuation | 09/625,255<br>6,484,209 | 7/25/2000<br>11/19/2002   |

Proposal No  
BA0193C

|           |                             |                     |                      |
|-----------|-----------------------------|---------------------|----------------------|
| Inventors | Milan Momirov               |                     |                      |
| Assignee  | Bay Networks, Inc.          | Recorded 06/29/1998 | Reel/Frame 9303/0100 |
|           | Nortel Networks NA Inc.     | 12/23/1999          | 010461/0283          |
|           | Nortel Networks Corporation | 01/04/2000          | 010547/0891          |

| Docket No.  | Title                                                        | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-------------|--------------------------------------------------------------|------------------------|---------------------------|
| 082771.P235 | System and Method to Implement a Packet Switch Output Buffer | 09/460,273             | 12/13/1999                |

Proposal No  
BA0191A

|           |                                                                            |                     |                        |
|-----------|----------------------------------------------------------------------------|---------------------|------------------------|
| Inventors | James Meredith, Paul Gallo, Nanying Yin, Heather Achilles, Michael Fortuna |                     |                        |
| Assignee  | Nortel Networks Corporation                                                | Recorded 05/26/2000 | Reel/Frame 010861/0482 |
|           | Nortel Networks Corporation                                                | 05/26/2000          | 010861/0485            |

| Docket No.  | Title                                                                                                    | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|-------------|----------------------------------------------------------------------------------------------------------|-------------------------|---------------------------|
| 082771.P250 | Method and Apparatus Providing Network Communications Between Devices Using Frames With Multiple Formats | 09/060,166<br>6,252,888 | 4/14/1998<br>6/26/2001    |

Proposal No  
BA0214

|           |                                                        |                     |                      |
|-----------|--------------------------------------------------------|---------------------|----------------------|
| Inventors | David B. Fite, Jr., Nicholas Ilyadis, Ronald M. Salett |                     |                      |
| Assignee  | Bay Networks Group, Inc.                               | Recorded 04/14/1998 | Reel/Frame 9104/0597 |
|           | Nortel Networks Group Inc.                             | 12/28/1999          | 010470/0277          |
|           | Nortel Networks Corporation                            | 01/03/2000          | 010547/0430          |

| Docket No.  | Title                                                                                | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-------------|--------------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P254 | System and Method to Implement a Packet Switch Buffer for Unicast and Multicast Data | 09/460,275             | 12/13/1999                |

Proposal No  
BA0191B

|           |                                                                       |                     |                        |
|-----------|-----------------------------------------------------------------------|---------------------|------------------------|
| Inventors | Jim Meredith, Paul Gallo, Nanying Yin, Heather Achilles, Mike Fortuna |                     |                        |
| Assignee  | Nortel Networks Corporation                                           | Recorded 06/19/2000 | Reel/Frame 010929/0390 |

| <b>Docket No.</b>      | <b>Title</b>                                                                                                                                            | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P258C           | Method and Apparatus For Automatically Configuring a Network Switch                                                                                     | 09/716,809                     | 11/20/2000                        |
| Proposal No<br>BA0216C |                                                                                                                                                         |                                |                                   |
| Inventors              | Tal I. Lavian, Stephen Lau, Lyndon Y. Ong                                                                                                               |                                |                                   |
| Assignee               | Bay Networks, Inc.                                                                                                                                      | Recorded 06/22/1998            | Reel/Frame 9271/0113              |
|                        | Nortel Networks NA Inc.                                                                                                                                 | 12/23/1999                     | 010461/0283                       |
|                        | Nortel Networks Corporation                                                                                                                             | 01/04/2000                     | 010547/0891                       |
| <b>Docket No.</b>      | <b>Title</b>                                                                                                                                            | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
| 082771.P261            | Method and Apparatus for a Cable Modem Upstream RF Switching System                                                                                     | 09/109,258                     | 6/30/1998                         |
| Proposal No<br>BA0221  |                                                                                                                                                         |                                |                                   |
| Inventors              | J. David Unger                                                                                                                                          |                                |                                   |
| Assignee               | Bay Networks, Inc.                                                                                                                                      | Recorded 06/30/1998            | Reel/Frame 9334/0167              |
|                        | Nortel Networks NA Inc.                                                                                                                                 | 12/23/1999                     | 010461/0283                       |
|                        | Nortel Networks Corporation                                                                                                                             | 01/04/2000                     | 010547/0891                       |
| <b>Docket No.</b>      | <b>Title</b>                                                                                                                                            | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
| 082771.P262            | Method for a Network Device Inserted Between Point to Point Connected Stations to Automatically Negotiate Communication Parameters Between the Stations | 09/496,982                     | 12/21/1999                        |
| Proposal No<br>BA0222  |                                                                                                                                                         |                                |                                   |
| Inventors              | Reuven Moskovich, Yuval Shvirsky, Arie Trost                                                                                                            |                                |                                   |
| Assignee               | Nortel Networks Corporation                                                                                                                             | Recorded 03/02/2000            | Reel/Frame 010682/0467            |
| <b>Docket No.</b>      | <b>Title</b>                                                                                                                                            | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
| 082771.P263X           | Method and Apparatus for Monitoring a Dedicated Communications Medium in a Switched Data Network                                                        | 09/108,113                     | 6/30/1998                         |
| Proposal No<br>BA0223  |                                                                                                                                                         |                                |                                   |
| Inventors              | Reuven Moskovich, Yuval Shvirsky, Bill Hawe                                                                                                             |                                |                                   |
| Assignee               | Bay Networks, Inc.                                                                                                                                      | Recorded 09/25/1998            | Reel/Frame 9488/0910              |
|                        | Nortel Networks NA Inc.                                                                                                                                 | 12/23/1999                     | 010461/0283                       |
|                        | Nortel Networks Corporation                                                                                                                             | 01/04/2000                     | 010547/0891                       |

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**PATENT**  
**REEL: 013746 FRAME: 0336**

| Docket No.             | Title                                                                                                                   | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|-------------------------------------------------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P307            | Method and Apparatus for Establishing a Frame Relay Switched Virtual Circuit Supporting Dynamic Bandwidth Renegotiation | 09/104,460             | 6/24/1998                 |
| Proposal No<br>BA0267A |                                                                                                                         |                        |                           |
| Inventors              | Patrick A. Paraggio                                                                                                     |                        |                           |
| Assignee               | Bay Networks, Inc.                                                                                                      | Recorded 09/03/1998    | Reel/Frame 9440/0658      |
|                        | Nortel Networks NA Inc.                                                                                                 | 12/23/1999             | 010461/0283               |
|                        | Nortel Networks Corporation                                                                                             | 01/04/2000             | 010547/0891               |

| Docket No.            | Title                                                                      | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|----------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P313           | Backpressure Mechanism for a Network Device                                | 09/311,995             | 5/14/1999                 |
| Proposal No<br>BA0278 |                                                                            |                        |                           |
| Inventors             | Richard L. Angle, Shantigram V. Jagannath, Geoffrey B. Ladwig, Nanying Yin |                        |                           |
| Assignee              | Bay Networks, Inc.                                                         | Recorded 05/14/1999    | Reel/Frame 9989/0772      |
|                       | Nortel Networks NA Inc.                                                    | 12/23/1999             | 010461/0283               |
|                       | Nortel Networks Corporation                                                | 01/04/2000             | 010547/0891               |

| Docket No.             | Title                                                                      | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|----------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P313C           | Backpressure Mechanism for a Network Device                                |                        | 9/4/2002                  |
| Proposal No<br>BA0278C |                                                                            |                        |                           |
| Inventors              | Richard L. Angle, Shantigram V. Jagannath, Geoffrey B. Ladwig, Nanying Yin |                        |                           |
| Assignee               | Bay Networks, Inc.                                                         | Recorded 05/14/1999    | Reel/Frame 9989/0772      |
|                        | Nortel Networks NA Inc.                                                    | 12/23/1999             | 010461/0283               |
|                        | Nortel Networks Corporation                                                | 01/04/2000             | 010547/0891               |

| Docket No.            | Title                                                          | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|----------------------------------------------------------------|------------------------|---------------------------|
| 082771.P322           | Method and Apparatus for Initialization of a Cable Modem       | 09/126,557             | 7/30/1998                 |
| Proposal No<br>BA0293 |                                                                |                        |                           |
| Inventors             | J. David Unger, John Ulm, Eugene E. O'Neil, Jr., Wilson Sawyer |                        |                           |
| Assignee              | Bay Networks, Inc.                                             | Recorded 07/31/1998    | Reel/Frame 9390/0649      |
|                       | Nortel Networks NA Inc.                                        | 12/23/1999             | 010461/0283               |
|                       | Nortel Networks Corporation                                    | 01/04/2000             | 010547/0891               |

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**PATENT**  
**REEL: 013746 FRAME: 0337**

| <b>Docket No.</b>      | <b>Title</b>                                               | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|------------------------|------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P325            | Radio Transmitter/Receiver for Wireless Local Area Network | 08/439,083                     | 5/11/1995                         |
| Proposal No<br>BA0290D |                                                            | 5,838,730                      | 11/17/1998                        |
| Inventors              | Peter K. Cripps                                            |                                |                                   |
| Assignee               | Baleine Limited                                            | Recorded 12/12/1996            | Reel/Frame 8301/0183              |
|                        | Netwave Technologies Limited                               | 12/12/1996                     | 8317/0125                         |
|                        | Nortel Networks Corporation                                | 06/23/2000                     | 010871/0324                       |

| <b>Docket No.</b>       | <b>Title</b>                                                                      | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|-------------------------|-----------------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P326             | Wireless Local Area Network with Roaming Indicating Multiple Communication Ranges | 08/440,436                     | 5/12/1995                         |
| Proposal No<br>BA0290D2 |                                                                                   | 5,717,688                      | 2/10/1998                         |
| Inventors               | Philip H. Belanger, William N. Baugh, David B. Rosen                              |                                |                                   |
| Assignee                | Baleine Limited                                                                   | Recorded 12/12/1996            | Reel/Frame 8301/0183              |
|                         | Netwave Technologies Limited                                                      | 12/12/1996                     | 8317/0125                         |
|                         | Nortel Networks Corporation                                                       | 06/23/2000                     | 010871/0324                       |

| <b>Docket No.</b>       | <b>Title</b>                                          | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|-------------------------|-------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P328             | Ad Hoc Initialization for Wireless Local Area Network | 08/439,337                     | 5/11/1995                         |
| Proposal No<br>BA0290D4 |                                                       | 5,729,680                      | 3/17/1998                         |
| Inventors               | Philip H. Belanger, William N. Baugh, David B. Rosen  |                                |                                   |
| Assignee                | Baleine Limited                                       | Recorded 12/12/1996            | Reel/Frame 8301/0183              |
|                         | Netwave Technologies Limited                          | 12/12/1996                     | 8317/0125                         |
|                         | Nortel Networks Corporation                           | 06/23/2000                     | 010871/0324                       |

| <b>Docket No.</b> | <b>Title</b>                                                                           | <b>App. No.<br/>Patent No.</b> | <b>Filing Date<br/>Issue Date</b> |
|-------------------|----------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|
| 082771.P329       | Dynamic Wireless Local Area Network with Interactive Communications Within the Network | 08/787,843                     | 1/13/1997                         |
| Proposal No       |                                                                                        | 5,875,186                      | 2/23/1999                         |
| Inventors         | Philip H. Belanger, William N. Baugh, David B. Rosen                                   |                                |                                   |
| Assignee          | Xircom, Inc.                                                                           | Recorded                       | Reel/Frame                        |
|                   | Baleine Limited                                                                        | 12/12/1996                     | 8301/0183                         |
|                   | Netwave Technologies Limited                                                           | 12/12/1996                     | 8317/0125                         |
|                   | Nortel Networks Corporation                                                            | 06/23/2000                     | 010871/0324                       |

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**PATENT**  
**REEL: 013746 FRAME: 0338**

| Docket No.            | Title                                                               | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|---------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P330           | Seamless Roaming for Wireless Local Area Networks                   | 08/573,272             | 12/15/1995                |
| Proposal No<br>BA0291 |                                                                     | 5,987,062              | 11/16/1999                |
| Inventors             | Darwin A. Engwer, Ken Clements, Jonathan M. Zweig, Danile S. Perrin |                        |                           |
| Assignee              | Xircom, Inc.                                                        | Recorded 03/26/1996    | Reel/Frame 8101/0277      |
|                       | Baleine Limited                                                     | 12/12/1996             | 8301/0183                 |
|                       | Netwave Technologies Limited                                        | 12/12/1996             | 8317/0125                 |
|                       | Nortel Networks Corporation                                         | 06/23/2000             | 010871/0324               |

| Docket No.       | Title                                                                    | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------|--------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P342      | Method and Apparatus for Support of IP Differentiated Services Over MPOA | 09/245,792             | 2/5/1999                  |
| Proposal No<br>m |                                                                          |                        |                           |
| Inventors        | Ivy Hsu, Matthew Squire, Paul Bottorff                                   |                        |                           |
| Assignee         | Bay Networks, Inc.                                                       | Recorded 02/05/1999    | Reel/Frame 9759/0774      |
|                  | Nortel Networks NA Inc.                                                  | 12/23/1999             | 010461/0283               |
|                  | Nortel Networks Corporation                                              | 01/04/2000             | 010547/0891               |

| Docket No.            | Title                                                                                   | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|-----------------------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P347           | Dynamic Assignment Of Traffic Classes To A Priority Queue In A Packet Forwarding Device | 09/227,389             | 1/8/1999                  |
| Proposal No<br>BA0362 |                                                                                         |                        |                           |
| Inventors             | Tal I. Lavian, Stephen Lau                                                              |                        |                           |
| Assignee              | Bay Networks, Inc.                                                                      | Recorded 01/08/1999    | Reel/Frame 010484/0695    |
|                       | Nortel Networks NA Inc.                                                                 | 06/23/2000             | 010931/0795               |
|                       | Nortel Networks Corporation                                                             | 09/11/2000             | 011987/0534               |

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**PATENT**  
**REEL: 013746 FRAME: 0339**

02/07/2003  
700023956

|                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------|--|
| <b>FORM PTO-1595</b><br>(Rev. 8-93)<br>OMB NO. 0651-0011 exp. 4/94                                                                                                                                                                                                                                                                                                                                                                                 |  | <b>Recordation Form Cover Sheet</b><br><b>PATENTS ONLY</b>                                                                                                                                                                                                                                                                                                                                  |  | <b>U.S. DEPARTMENT OF COMMERCE</b><br>Patent and Trademark Office |  |
| To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.                                                                                                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |
| 1. Name of conveying party(ies):<br><b>Nortel Networks Corporation</b><br><br>Additional name(s) of conveying party(ies) attached?<br><input checked="" type="checkbox"/> No <input type="checkbox"/> Yes                                                                                                                                                                                                                                          |  | 2. Name and address of receiving party(ies):<br><b>Nortel Networks Limited</b><br><br>Internal Address: _____<br><br>Street Address: <b>1351 Boulevard Alfred-Nobel</b><br>City: <b>St. Laurent</b> Province: <b>Quebec</b> Zip: <b>H4S 2A9</b><br>Country: <b>CANADA</b><br>Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes |  |                                                                   |  |
| 3. Nature of Conveyance<br><input type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input checked="" type="checkbox"/> Change of Name<br><input type="checkbox"/> Other: _____<br>Execution Date(s): _____                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |
| 4. Application Number(s) or patent number(s):<br>If this document is being filed together with a new application, the execution date of the application is: _____<br>A. Patent Application No.(s) _____ B. Patent No.(s) _____<br>See Attached List<br>Additional numbers attached? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes                                                                                            |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |
| 5. Name and address of party to whom correspondence concerning document should be mailed:<br><br>Name: <b>Blakely, Sokoloff, Taylor &amp; Zafman LLP</b><br>Internal Address: _____<br>Street Address: <b>12400 Wilshire Boulevard, 7<sup>th</sup> Floor</b><br>City: <b>Los Angeles</b> State: <b>California</b> Zip: <b>90025</b>                                                                                                                |  | 6. Total number of applications and patents involved: <b>43</b><br><br>7. Total Fee (37 CFR 3.41), .....\$1,720.00<br><input type="checkbox"/> Enclosed<br><input checked="" type="checkbox"/> Authorized to be charged to deposit account<br>8. Deposit Account Number: _____<br><b>02-2656</b><br>(Attach duplicate copy of this page if paying by deposit account)                       |  |                                                                   |  |
| DO NOT USE THIS SPACE                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |
| 9. Statement and signature.<br>To the best of my knowledge and believe, the foregoing is true and correct and any attached copy is a true copy of the original document.<br><br><b>William W. Schaal</b>  <b>February 7, 2003</b><br>Name of Person Signing Signature Date<br>Total number of pages including cover sheet, attachments, and document: <b>21</b> |  |                                                                                                                                                                                                                                                                                                                                                                                             |  |                                                                   |  |

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner of Patents, Box Assignments  
Washington, D.C. 20231

**NORTEL NETWORKS LIMITED****CERTIFICATE**

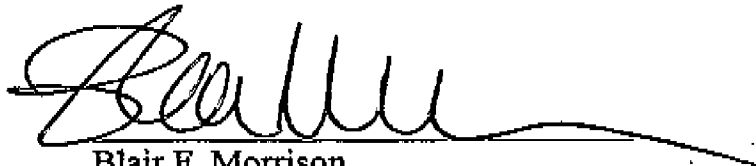
I, Blair F. Morrison, Assistant Secretary of Nortel Networks Limited, a Canadian corporation having executive offices at 8200 Dixie Road, Suite 100, Brampton, Ontario, Canada (the "Corporation"), hereby certify under my hand and the corporate seal of the Corporation that:

1. attached hereto as Exhibit A is a true copy of an extract of a certified copy of the Corporation's Certificate of Arrangement dated May 1, 2000, which, among other things, changed the name of the Corporation from "Nortel Networks Corporation/Corporation Nortel Networks" to "Nortel Networks Limited/Corporation Nortel Networks Limitée"; and

2. attached hereto as Exhibit B is a true copy of the Corporation's Restated Certificate of Incorporation dated October 1, 2000 and that as of October 1, 2000, the Corporation's Restated Articles of Incorporation were effective and superceded the Corporation's original Articles and all amendments thereto.

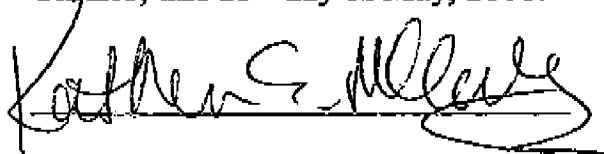
WITNESS the corporate seal

Dated at Brampton, Province of Ontario, Canada, this 23<sup>rd</sup> day of May, 2001.



Blair F. Morrison  
Assistant Secretary

Executed and signed before me at the  
City of Brampton, Province of  
Ontario, this 23<sup>rd</sup> day of May, 2001.





Industry Canada Industrie Canada

Canada Business Corporations Act Loi canadienne sur les sociétés par actions

FORM 14.1  
ARTICLES OF ARRANGEMENT  
(SECTION 192)FORMULE 14.1  
CLAUSES D'ARRANGEMENT  
(ARTICLE 192)

|                                                                                                                                                                                                                                                            |                                                                                                                                                             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 - Name of applicant corporation(s) - Dénomination de la(des) requérante(s)<br><br>BCE INC.<br>NORTEL NETWORKS CORPORATION/CORPORATION NORTEL NETWORKS                                                                                                    | 2 - Corporation No(s).<br>N°(s) de la(des) société(s)<br><br>3566676<br>1251473                                                                             |
| 3 - Name of the corporation(s) the articles of which are amended, if applicable<br>Dénomination de la(des) société(s) dont les statuts sont modifiés, le cas échéant<br>(a) NORTEL NETWORKS CORPORATION/CORPORATION NORTEL NETWORKS<br>(b) NEW NORTEL INC. | 4 - Corporation No(s).<br>N°(s) de la(des) société(s)<br><br>1251473<br>375 438-3                                                                           |
| 5 - Name of the corporation(s) created by amalgamation, if applicable<br>Dénomination de la(des) société(s) issue(s) de la(des) fusion(s), le cas échéant<br>(a) BCE INC.<br>(b) NEW NORTEL INC.                                                           | 6 - Corporation No(s).<br>N°(s) de la(des) société(s)<br><br>375 437-5<br>375 438-3                                                                         |
| 7 - Name of the dissolved corporation(s), if applicable<br>Dénomination de la(des) société(s) dissoute(s), le cas échéant                                                                                                                                  | 8 - Corporation No(s).<br>N°(s) de la(des) société(s)                                                                                                       |
| 9 - Name of other bodies corporate involved, if applicable<br>Dénomination des autres personnes morales en cause, le cas échéant<br><br>3721621 CANADA INC.                                                                                                | 10 - Corporation No(s), or jurisdiction of incorporation - N°(s) de la(des) société(s)/ou loi sous le régime de laquelle elle est constituée<br><br>3721621 |

11 - In accordance with the order approving the arrangement,

Conformément aux termes de l'ordonnance approuvant l'arrangement,

(a) the articles of the above-named corporation(s) are amended in accordance with the attached plan of arrangement



les statuts de la(des) société(s) susmentionnée(s) sont modifiés en conformité avec le plan d'arrangement ci-joint;

(b) the following bodies corporate are amalgamated in accordance with the attached plan of arrangement



les personnes morales suivantes sont fusionnées conformément au plan d'arrangement ci-joint:

(i) BCE INC. (#3566676) )

3263207 CANADA INC. (#3263207) )

FORMS 5(a)

THE ANNEXED SCHEDULE B IS INCORPORATED IN THIS FORM/L'ANNEXE B CI-JOINTE FAIT PARTIE INTÉGRANTE DU PRÉSENT FORMULAIRE

(ii) NEW NORTEL INC. (#3728684) )

3056074 CANADA INC. (#3056074) )

FORMS 5(b)

THE ANNEXED SCHEDULE C IS INCORPORATED IN THIS FORM/L'ANNEXE C CI-JOINTE FAIT PARTIE INTÉGRANTE DU PRÉSENT FORMULAIRE

(c) the above-named corporation(s) is(are) liquidated and dissolved in accordance with the attached plan of arrangement



la(les) société(s) susmentionnée(s) est(sont) liquidée(s) et dissoute(s) conformément au plan d'arrangement ci-joint

(d) the plan of arrangement attached hereto, involving the above-named body(ies), corporate is hereby effected



le plan d'arrangement ci-joint portant sur la(les) personne(s) morale(s) susmentionnée(s) prend effet

THE ANNEXED SCHEDULE D IS INCORPORATED IN THIS FORM/L'ANNEXE D CI-JOINTE FAIT PARTIE INTÉGRANTE DU PRÉSENT FORMULAIRE

Date  
MAY 1, 2000Signature *Marlene Jurell*  
*B. Jurell*Title - Titre  
Chief Legal Officer - BCE Inc  
Corporate Secretary Nortel Networks Corporation

**Schedule A/L'Annexe A**

- (a) The name of Nortel Networks Corporation/Corporation Nortel Networks (#1251473) is changed to Nortel Networks Limited/Corporation Nortel Networks Limitée.
- (b) The articles of New Nortel Inc. (# 375 438-3 ) are hereby changed as follows:
  - (i) the name of the corporation is changed to Nortel Networks Corporation/Corporation Nortel Networks; and
  - (ii) the common shares of the corporation are subdivided on a two-for-one basis effective at the close of business on the fourth Trading Day after the Effective Date.

For this purpose, "Trading Day" and "Effective Date" shall have the meanings ascribed thereto in the attached Plan of Arrangement.



## Certificate of Arrangement

## Certificat d'arrangement

## Canada Business Corporations Act

## Loi canadienne sur les sociétés par actions

Nortel Networks Corporation/

125147-3

Corporation Nortel Networks

BCE Inc.

356667-6

Name of CBCA corporation(s) involved -  
Dénomination(s) de la (des) société(s)  
L.C.S.A. concerné(s)

Corporation number - Numéro de la société

I hereby certify that the arrangement set out in the  
attached articles of arrangement, involving the  
above-referenced corporation(s), has been effected  
under section 192 of the *Canada Business  
Corporations Act*.

Je certifie que l'arrangement mentionné dans les  
clauses d'arrangement annexées, concernant la  
(les) société(s) susmentionnée(s), a pris effet en  
vertu de l'article 192 de la *Loi canadienne sur les  
sociétés par actions*.

Director - Directeur

May 1, 2000 / le 1 mai 2000

Date of Arrangement - Date de l'arrangement

Canada



Industry Canada

Industrie Canada

**Restated Certificate  
of Incorporation**

**Certificat  
de constitution à jour**

**Canada Business  
Corporations Act**

**Loi canadienne sur  
les sociétés par actions**

**Nortel Networks Limited/**

**Corporation Nortel Networks Limitée**

**125147-3**

**Name of corporation-Dénomination de la société**

**Corporation number-Numéro de la société**

I hereby certify that the articles of incorporation of the above-named corporation were restated under section 180 of the *Canada Business Corporations Act* as set out in the attached restated articles of incorporation.

Je certifie que les statuts constitutifs de la société susmentionnée ont été mis à jour en vertu de l'article 180 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les statuts mis à jour ci-joints.

**Director - Directeur**

**October 1, 2000 / le 1 octobre 2000**

**Effective Date of Restatement -  
Date d'entrée en vigueur de la mise à jour**

**Canada**

Industry Canada  
Canada Business  
Corporations Act

Industrie Canada  
Loi canadienne sur les  
sociétés par actions

FORM 7  
RESTATED ARTICLES OF  
INCORPORATION  
(SECTION 180)

FORMULE 7  
STATUTS CONSTITUTIFS  
MIS À JOUR  
(ARTICLE 180)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1- Name of corporation - Dénomination de la société</p> <p><b>NORTEL NETWORKS LIMITED/<br/>CORPORATION NORTEL NETWORKS LIMITÉE</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>2- Corporation No. - No de la société</p> <p><b>125147-3</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <p>2- The place in Canada where the registered office is situated</p> <p><b>Montreal Urban Community</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Lieu au Canada où est situé le siège social</p> <p><b>Communauté Urbaine de Montréal</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>3- The classes and any maximum number of shares that the corporation is authorized to issue</p> <p><b>The annexed Schedule 1 is incorporated in this form.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Catégories et tout nombre maximal d'actions que la société est autorisée à émettre</p> <p><b>L'Annexe 1 ci-jointe est incorporée dans cette formule.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>4- Restrictions, if any, on share transfers</p> <p><b>None</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Restrictions sur le transfert des actions, s'il y a lieu</p> <p><b>Aucune</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>5- Number (or minimum and maximum number) of directors</p> <p><b>The board of directors shall consist of a minimum of eight (8) and a maximum of fifteen (15) directors, and within such minimum and maximum numbers, the board of directors shall, from time to time, determine the actual number of directors. Until otherwise so determined, the actual number of directors shall be twelve (12).</b></p>                                                                                                                                                                                                                       | <p>Nombre (ou nombre minimal et maximal) d'administrateurs</p> <p><b>Le conseil d'administration se composera d'un minimum de huit (8) et d'un maximum de quinze (15) administrateurs et le conseil d'administration fixera, de temps à autre, entre ce minimum et ce maximum, le nombre courant d'administrateurs. Jusqu'à ce qu'il en soit ainsi décidé autrement, le conseil d'administration se composera de douze (12) administrateurs.</b></p>                                                                                                                                                                                         |
| <p>6- Restrictions, if any, on business the corporation may carry on</p> <p><b>None</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Limites imposées à l'activité commerciale de la société, s'il y a lieu</p> <p><b>Aucune</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>7- Other provisions, if any</p> <p><b>In addition to any power the directors may have pursuant to the Canada Business Corporations Act to fill the vacancies among their number, but subject to the maximum number of directors provided for in the articles, the directors may appoint one or more additional directors, who shall hold office for a term expiring not later than the close of the next annual meeting of shareholders, provided that the total number of additional directors so appointed shall not exceed one third of the number of directors elected at the previous annual meeting of shareholders.</b></p> | <p>Autres dispositions, s'il y a lieu</p> <p><b>Outre le pouvoir que les administrateurs peuvent avoir en vertu de la Loi canadienne sur les sociétés par actions de combler les vacances, mais sous réserve du nombre maximal d'administrateurs prévu dans les statuts, les administrateurs peuvent nommer un ou plusieurs administrateurs additionnels dont le mandat expire au plus tard à la clôture de la prochaine assemblée annuelle des actionnaires, à la condition que le nombre total des administrateurs ainsi nommés n'excède pas le tiers du nombre des administrateurs élus à la dernière assemblée des actionnaires.</b></p> |

The foregoing restated articles of incorporation correctly set out, without substantive change, the corresponding provisions of the articles of incorporation as amended and supersede the original articles of incorporation.

Cette mise à jour des statuts constitutifs démontre exactement, sans changement substantiel, les dispositions correspondantes des statuts constitutifs modifiés qui remplacent les statuts constitutifs originaux.

|                                                                                                         |                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Signature <b>DM86</b></p> <p>Date <b>12/5/09</b></p> <p>Title - Titre <b>Corporate Secretary</b></p> | <p>FOR DEPARTMENTAL USE ONLY -<br/>À L'USAGE DU MINISTÈRE SEULEMENT <b>125147-3</b></p> <p>Filed - Déposée <b>1001 1 0 200</b></p> <p><b>PATENT</b></p> |
|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

## Patents and Patent Applications to Assign from Nortel Networks Corporation to Nortel Networks Limited

| Docket No.         | Title                                                         | App. No.<br>Patent No.  | Filing Date<br>Issue Date |
|--------------------|---------------------------------------------------------------|-------------------------|---------------------------|
| 003239.P004        | Transitioning Between Redundant Computer Systems on a Network | 09/001,544<br>6,202,169 | 12/31/1997<br>3/13/2001   |
| Proposal No SS0129 |                                                               |                         |                           |
| Inventors          | Siamak Razzaghe-Ashrafi, Denny D. Landaveri                   |                         |                           |
| Assignee           | Nortel Networks Corporation                                   | Recorded 12/26/2000     | Reel/Frame 011399/0617    |

| Docket No.         | Title                                                                                                              | App. No.<br>Patent No.                          | Filing Date<br>Issue Date                          |
|--------------------|--------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|----------------------------------------------------|
| 003239.P005        | Method and Apparatus for Controlling Characteristics of Distributed Telephone Sets from a Central Telephone Switch | 09/001,510<br>6,266,404                         | 12/31/1997<br>7/24/2001                            |
| Proposal No SS0125 |                                                                                                                    |                                                 |                                                    |
| Inventors          | Bae-Sik Chon, Trang Ngo                                                                                            |                                                 |                                                    |
| Assignee           | Northern Telecom<br>Northern Telecom Limited<br>Nortel Networks Corporation                                        | Recorded 04/23/1999<br>11/22/1999<br>12/20/1999 | Reel/Frame 9907/0742<br>010424/0751<br>010504/0903 |

| Docket No.  | Title                                           | App. No.<br>Patent No.            | Filing Date<br>Issue Date           |
|-------------|-------------------------------------------------|-----------------------------------|-------------------------------------|
| 003239.P008 | Tandem Passthrough in a Switched Call           | 09/074,898<br>6,381,249           | 5/6/1998<br>4/30/2002               |
| Proposal No |                                                 |                                   |                                     |
| Inventors   | Christina Kwok-Han Chan, Louis Marie Greer      |                                   |                                     |
| Assignee    | Northern Telecom<br>Nortel Networks Corporation | Recorded 08/13/1998<br>12/20/1999 | Reel/Frame 9388/0090<br>010504/0903 |

| Docket No.         | Title                                                                               | App. No.<br>Patent No.                          | Filing Date<br>Issue Date                        |
|--------------------|-------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------|
| 003239.P024        | CALLER IP ADDRESS                                                                   | 09/224,674                                      | 12/31/1998                                       |
| Proposal No SS0198 |                                                                                     |                                                 |                                                  |
| Inventors          | Luan D. Dang, Wilkie Lau                                                            |                                                 |                                                  |
| Assignee           | Northern Telecom Limited<br>Northern Telecom Limited<br>Nortel Networks Corporation | Recorded 12/31/1998<br>03/11/1999<br>12/20/1999 | Reel/Frame 9704/0458<br>9813/0291<br>010504/0903 |

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| Docket No.            | Title                                                      | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-----------------------|------------------------------------------------------------|------------------------|---------------------------|
| 003239.P026           | System and Method to Effectively Suppress Idle Fax Signals | 09/438,813             | 11/10/1999                |
| Proposal No<br>BA0475 |                                                            |                        |                           |
| Inventors             | Kaveh Razazian                                             |                        |                           |
| Assignee              | Nortel Networks Corporation                                |                        |                           |
|                       |                                                            | Recorded               | 11/10/1999                |
|                       |                                                            | Reel/Frame             | 01087/0013                |

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| Docket No.              | Title                                                                      | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|-------------------------|----------------------------------------------------------------------------|------------------------|---------------------------|
| 003239.P095             | Assigning Cell Data to One of Several Processors Provided in a Data Switch | 09/260,785             | 3/2/1999                  |
| Proposal No<br>10643HUU |                                                                            |                        |                           |
| Inventors               | Arthur Lin, Kent Huntley Headrick, Suhas Anand Shetty                      |                        |                           |
| Assignee                | Shasta Networks, Inc.                                                      |                        |                           |
|                         |                                                                            | Recorded               | 03/02/1999                |
|                         |                                                                            | Reel/Frame             | 9812/0333                 |
|                         |                                                                            |                        | 08/31/2001                |
|                         |                                                                            |                        | 012126/0378               |

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| Docket No.             | Title                                             | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|---------------------------------------------------|------------------------|---------------------------|
| 082771.P003C2          | Token Ring Concentrator Having Retiming Function  | 08/432,958             | 3/15/1994                 |
| Proposal No<br>BA0007C |                                                   |                        |                           |
| Inventors              | Robert W. Smith, Kris Kalbarczyk, Julio J. Guerra |                        |                           |
| Assignee               | Synoptics Communications, Inc.                    |                        |                           |
|                        |                                                   | Recorded               | 10/18/1993                |
|                        |                                                   | Reel/Frame             | 8735/0554                 |
|                        |                                                   |                        | 10/18/1993                |
|                        |                                                   |                        | 8757/0095                 |
|                        |                                                   |                        | 12/14/1999                |
|                        |                                                   |                        | 010461/0559               |
|                        |                                                   |                        | 12/27/1999                |
|                        |                                                   |                        | 010470/0454               |
|                        |                                                   |                        | 01/03/2000                |
|                        |                                                   |                        | 010547/0430               |

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| Docket No.             | Title                                                                       | App. No.<br>Patent No. | Filing Date<br>Issue Date |
|------------------------|-----------------------------------------------------------------------------|------------------------|---------------------------|
| 082771.P008C           | Method and Apparatus for Determining the Health of a Network                | 08/835,803             | 4/18/1997                 |
| Proposal No<br>BA0006C |                                                                             |                        |                           |
| Inventors              | Atul R. Gang, Ravi Manghirmalani, Judy Y. Dera, Minh A. Do, Leon Y.K. Leong |                        |                           |
| Assignee               | Synoptics Communications, Inc.                                              |                        |                           |
|                        |                                                                             | Recorded               | 08/10/1992                |
|                        |                                                                             | Reel/Frame             | 8181/0611                 |
|                        |                                                                             |                        | 03/22/2000                |
|                        |                                                                             |                        | 010461/0559               |
|                        |                                                                             |                        | 12/27/1999                |
|                        |                                                                             |                        | 010470/0454               |
|                        |                                                                             |                        | 01/03/2000                |
|                        |                                                                             |                        | 010547/0430               |

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Printed: 02/04/2002

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| Docket No.           | Title                                                                                                     | App. No.            | Filing Date            |
|----------------------|-----------------------------------------------------------------------------------------------------------|---------------------|------------------------|
| 082771.P011C         | Receiving Port Security In a Network Concentrator                                                         | Patent No.          | Issue Date             |
| Proposal No. BA0003C |                                                                                                           | 08/245,812          | 6/18/1994              |
| Inventors            | Chao-Yu Liang                                                                                             | 5,537,099           | 7/16/1996              |
| Assignee             | Synopsis Communications, Inc.                                                                             |                     |                        |
|                      | Bay Networks, Inc.                                                                                        | Recorded 06/15/1992 | Reel/Frame 8158/0312   |
|                      | Nortel Networks NA Inc.                                                                                   | 02/15/1996          | 7572/0131              |
|                      | Nortel Networks Corporation                                                                               | 12/23/1998          | 010461/0283            |
|                      |                                                                                                           | 01/04/2000          | 010547/0891            |
| Docket No.           | Title                                                                                                     | App. No.            | Filing Date            |
| 082771.P024C         | Apparatus and Method for Discovering a Topology for Local Area Networks Connected via Transparent Bridges | Patent No.          | Issue Date             |
| Proposal No. BA0020C |                                                                                                           | 08/755,281          | 12/3/1998              |
| Inventors            | Isaac P. Choi                                                                                             | 5,734,824           | 3/31/1999              |
| Assignee             | Synopsis Communications, Inc.                                                                             |                     |                        |
|                      | Bay Networks Group, Inc.                                                                                  | Recorded 06/26/1997 | Reel/Frame 8574/0882   |
|                      | Nortel Networks Group Inc.                                                                                | 12/28/1998          | 010470/0277            |
|                      | Nortel Networks Corporation                                                                               | 01/03/2000          | 010547/0430            |
| Docket No.           | Title                                                                                                     | App. No.            | Filing Date            |
| 082771.P073          | Packet Processing Method and Apparatus                                                                    | Patent No.          | Issue Date             |
| Proposal No. BA0070  |                                                                                                           | 07/771,789          | 10/4/1991              |
| Inventors            | Edward S. Hammen                                                                                          | 5,398,245           | 3/14/1995              |
| Assignee             | Wellfleet Communications, Inc.                                                                            |                     |                        |
|                      | Bay Networks, Inc.                                                                                        | Recorded 08/10/1992 | Reel/Frame 006232/0415 |
|                      | Nortel Networks NA Inc.                                                                                   | 08/11/1995          | 007844/0437            |
|                      | Nortel Networks Corporation                                                                               | 07/11/2000          | 010858/0144            |
|                      |                                                                                                           | 08/13/2000          | 011097/0078            |
| Docket No.           | Title                                                                                                     | App. No.            | Filing Date            |
| 082771.P086          | Method and Apparatus for Controlling Admission of Connection Requests                                     | Patent No.          | Issue Date             |
|                      |                                                                                                           | 08/613,728          | 3/12/1998              |
|                      |                                                                                                           | 5,959,990           | 9/29/1999              |
| Inventors            | Nanyang Yin, Steven R. Willis                                                                             |                     |                        |
| Assignee             | Bay Networks, Inc.                                                                                        | Recorded 03/12/1998 | Reel/Frame 7857/0870   |
|                      | Nortel Networks NA Inc.                                                                                   | 12/23/1998          | 010461/0283            |
|                      | Nortel Networks Corporation                                                                               | 01/04/2000          | 010547/0891            |

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Date  
April 27, 1999

Signature  


Deborah J. Noble

Vice-President, Corporate Secretary  
and Associate General Counsel  
for the Company  
Printed: 02/04/2002  
Page: 8

Industry Canada  
Canada Business  
Corporations Act

Industrie Canada  
Loi canadienne sur les  
sociétés par actions

FORM 7  
RESTATED ARTICLES OF  
INCORPORATION  
(SECTION 180)

FORMULE 7  
STATUTS CONSTITUTIFS  
MIS À JOUR  
(ARTICLE 180)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1 - Name of corporation - Dénomination de la société</p> <p><b>NORTEL NETWORKS LIMITED/<br/>CORPORATION NORTEL NETWORKS LIMITÉE</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <p>2 - Corporation No. - No de la société</p> <p><b>125147-3</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>2 - The place in Canada where the registered office is situated</p> <p><b>Montreal Urban Community</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <p>Lieu au Canada où est situé le siège social</p> <p><b>Communauté Urbaine de Montréal</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>3 - The classes and any maximum number of shares that the corporation is authorized to issue</p> <p><b>The annexed Schedule 1 is incorporated in this form.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Catégories et tout nombre maximal d'actions que la société est autorisée à émettre</p> <p><b>L'Annexe 1 ci-jointe est incorporée dans cette formule.</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <p>4 - Restrictions, if any, on share transfers</p> <p><b>None</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <p>Restrictions sur le transfert des actions, s'il y a lieu</p> <p><b>Aucune</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <p>5 - Number (or minimum and maximum number) of directors</p> <p><b>The board of directors shall consist of a minimum of eight (8) and a maximum of fifteen (15) directors, and within such minimum and maximum numbers, the board of directors shall, from time to time, determine the actual number of directors. Until otherwise so determined, the actual number of directors shall be twelve (12).</b></p>                                                                                                                                                                                                                       | <p>Nombre (ou nombre minimal et maximal) d'administrateurs</p> <p><b>Le conseil d'administration se composera d'un minimum de huit (8) et d'un maximum de quinze (15) administrateurs et le conseil d'administration fixera, de temps à autre, entre ce minimum et ce maximum, le nombre courant d'administrateurs. Jusqu'à ce qu'il en soit ainsi décidé autrement, le conseil d'administration se composera de douze (12) administrateurs.</b></p>                                                                                                                                                                                         |
| <p>6 - Restrictions, if any, on business the corporation may carry on</p> <p><b>None</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>Limites imposées à l'activité commerciale de la société, s'il y a lieu</p> <p><b>Aucune</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p>7 - Other provisions, if any</p> <p><b>In addition to any power the directors may have pursuant to the Canada Business Corporations Act to fill the vacancies among their number, but subject to the maximum number of directors provided for in the articles, the directors may appoint one or more additional directors, who shall hold office for a term expiring not later than the close of the next annual meeting of shareholders, provided that the total number of additional directors so appointed shall not exceed one third of the number of directors elected at the previous annual meeting of shareholders.</b></p> | <p>Autres dispositions, s'il y a lieu</p> <p><b>Outre le pouvoir que les administrateurs peuvent avoir en vertu de la Loi canadienne sur les sociétés par actions de combler les vacances, mais sous réserve du nombre maximal d'administrateurs prévu dans les statuts, les administrateurs peuvent nommer un ou plusieurs administrateurs additionnels dont le mandat expire au plus tard à la clôture de la prochaine assemblée annuelle des actionnaires, à la condition que le nombre total des administrateurs ainsi nommés n'excède pas le tiers du nombre des administrateurs élus à la dernière assemblée des actionnaires.</b></p> |

The foregoing restated articles of incorporation correctly set out, without substantive change, the corresponding provisions of the articles of incorporation as amended and supersede the original articles of incorporation.

Cette mise à jour des statuts constitutifs démontre exactement, sans changement substantiel, les dispositions correspondantes des statuts constitutifs modifiés qui remplacent les statuts constitutifs originaux.

|                                                        |                                                        |                                                                                                |
|--------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------|
| <p>Signature</p> <p><i>[Signature]</i></p>             | <p>Date</p> <p>D-J M Y-A</p> <p>12 18 01 9 1 0 1 0</p> | <p>FOR DEPARTMENTAL USE ONLY -<br/>À L'USAGE DU MINISTÈRE SEULEMENT</p> <p><b>125147-3</b></p> |
| <p>Title - Titre</p> <p><b>Corporate Secretary</b></p> | <p>Filed - Déposée</p>                                 | <p><b>1001 1 0 2003</b><br/><b>PATENT</b></p>                                                  |