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

1. Name of conveying party(ies):

Richard D. Clayton, Stephens Clements

1-28-03

2. Name and address of receiving party(ies)

Name: NORTEL NETWORKS LIMITED

Internal Address: _____

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

3. Nature of conveyance:

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

Street Address: 2351 Boulevard Alfred-Nobel

St. Laurent, Quebec, Canada H4S 2A9

City: _____ State: _____ Zip: _____

Execution Date: October 7, 2002

Additional name(s) & address(es) attached? ☐ Yes ☐ No

4. Application number(s) or patent number(s):

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

A. Patent Application No.(s)

10/191,488

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No

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

Name: John D. Harris

Internal Address: Gowling Lafleur Henderson LLP

160 Elgin Street, Suite 2600

Ottawa, Ontario K1P 1C3

Street Address: _____

City: _____ State: _____ Zip: _____

6. Total number of applications and patents involved: ☐

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

☐ Enclosed☒ Authorized to be charged to deposit account

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John D. Harris

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Externally Programmable Wavelength Direct Modulation Laser

set forth in an application for letters patent of the **UNITED STATES OF AMERICA**

Serial No. 10/191,488 , filed July 10, 2002

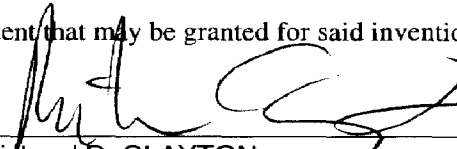
and all rights and privileges under any and all letters patent that may be granted for said inventions.



Witness Signature

CHRIS HART

Witness Name (print)



Date 2002/10/07
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Date
Stephen CLEMENTS Assignor
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Date
Assignor

☐ Additional Assignors on attached Page 2

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Externally Programmable Wavelength Direct Modulation Laser

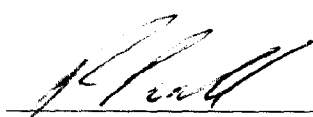
set forth in an application for letters patent of the **UNITED STATES OF AMERICA**

Serial No. 10/191,488 , filed July 10, 2002

and all rights and privileges under any and all letters patent that may be granted for said inventions.

Witness Signature

Witness Name (print)



Witness Signature


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Witness Name (print)

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