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1. Name of conveying party(ies): D. Gordon Knight and Cornelius C. Blaauw Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Nortel Networks Limited 2351 Boulevard Alfred-Nobel St. Laurent, Quebec, H4S 2A9 Canada  Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 12/3/01		6 24 02	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/027,229 B: Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed: DENIS G. MALONEY Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804		6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	

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1. Name of conveying party(ies): D. Gordon Knight and Cornelis Blaauw Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Nortel Networks Limited <del>World Trade Center of Montreal</del> <del>680 St. Antoine Street West, 8th Fl.</del> <del>Montreal, Quebec H2Y 3T4</del> <del>CANADA</del> 2351 Boulevard Alfred-Nobel St Laurent, Quebec H4S 2A5 CANADA Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 12/3/01	4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: 12/3/01 A. Patent Application No(s): B. Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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**PATENT**  
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ASSIGNMENT

For valuable consideration, we, Grzegorz J. Pakulski, of Woodlawn, Ontario, Canada, D. Gordon Knight, of Munster Hamlet, Ontario, Canada, Cornelis Blaauw, of Kanata, Ontario, Canada, hereby assign to:

Nortel Networks Limited, a Canada corporation having a place of business at:

~~World Trade Center of Montreal  
300 St. Antoine Street West  
8<sup>th</sup> Floor  
Montreal, Quebec, H2Y 9T4  
Canada~~

2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A6  
CANADA

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled HYBRID CONFINEMENT LAYERS OF BURIED HETEROSTRUCTURE SEMICONDUCTOR LASER, filed \_\_\_\_\_, and assigned U.S. Serial Number \_\_\_\_\_, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at \_\_\_\_\_,  
this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_

L.S.

Grzegorz J. Pakulski

State of \_\_\_\_\_ :

: ss.

County of \_\_\_\_\_ :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally  
appeared Grzegorz J. Pakulski known to me to be the person whose name is subscribed to the  
foregoing Assignment and acknowledged that he executed the same as his free act and deed for  
the purposes therein contained.

\_\_\_\_\_  
Notary Public

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa Ontario,  
this third day of December, 2001

L.S.

D. Gordon Knight  
D. Gordon Knight

State of Ontario :

: ss.

County of Ottawa :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared D. Gordon Knight known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Ottawa, Ontario  
this third day of December, 2001  
Cornelis Blaauw [Signature] L.S.  
Cornelis Blaauw

State of Ontario :  
: ss.  
County of Ottawa :

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, personally appeared Cornelis Blaauw known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

\_\_\_\_\_  
Notary Public  
My Commission Expires:

[Notary's Seal Here]

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