1/26/04 PE	Docket No.: 71493-1165 /aba	
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1. Name of conveying party(ies): LAURA HADDEN CHEE YOON LEE SURESH PILLAI BRIAN SMITH	Name and address of receiving party(ies): Name: Nortel Networks Limited Address: 2351 Boulevard Alfred-Nobel	
Additional names(s) of conveying party(ies)		
3. Nature of conveyance:		
☑ Assignment ☐ Merger		
☐ Security Agreement ☐ Change of Name	City: St. Laurent State/Prov.: Quebec	
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Execution Date: <u>07/18/03</u> , <u>07/18/03</u> , <u>08/7/03</u> and <u>08/30/03</u>	Additional name(s) & address(es) ☐ Yes ☒ No	
4. Application number(s) or patent numbers(s):If this document is being filed together with a new application,Patent Application No. Filing date	the execution date of the application is: B. Patent No.(s)	
10/624,471 July 23, 2003		
Additional numbers	☐ Yes ☒ No	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: James McGraw	7. Total fee (37 CFR 3.41):\$ 40.00	
Registration No. 28,168	☑ Enclosed - Any excess or insufficiency should be	
Address: SMART & BIGGAR	credited or debited to deposit account	
P.O. Box 2999, Station D	☐ Authorized to be charged to deposit account	
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9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information of the original document.	ation is true and correct and any attached copy is ærue copy	
James McGraw	January 23, 20	
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PATENT

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NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address is:

2351 Boulevard Alfred-Nobel St. Laurent, Quebec Canada, H4S 2A9

all their right, title, and interest worldwide in and to the invention relating to

METHOD AND APPARATUS FOR DETERMINING SIGNAL VIABILITY IN OPTICAL NETWORKS

as described in an application for letters patent filed concurrently herewith <u>or</u> filed in (Insert Country) on (Insert Date) and given serial number (Insert Serial Number), as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisionals, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm of Smart & Biggar whose full office address is P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario, K1P 5Y6, Canada, to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

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Witness' Signature	Laura Hadden 17 Piekoff Crescent Kanata, Ontario, Canada, K2K	Date: July 18 2003 Assignor 3K8
Vitness' Name (print)		
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Michael Montour Suresh Pillai Witness' Name (print)	Vancouver, British Columbia Canada, V6J 1E3	
Vitness' Signature	Brian Smith 897 Weston Drive Ottawa, Ontario, Canada, K1G	Date: AUG 7 th .2003 Assignor 1W5
Laura Hadden Witness' Name (print)		

RECORDED: 01/26/2004

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