FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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## ASSIGNMENT AND AGREEMENT

For value received, I James HARLEY whose full post office addresses is 724 - 195 Clearview Avenue, Ottawa, Ontario, Canada, K1Z 6S1 hereby sell, assign and transfer to NORTEL NETWORKS LIMITED whose full post office address is World Trade Center of Montreal, 380 St. Antoine Street West, 8th Floor, Montreal, Ouebec, H2Y 3Y4, Canada and its successors, assigns and legal representatives, the entire right, title and interest, for all countries, in and to the invention entitled OPTICAL RETURN LOSS DETECTOR FOR OPTICAL TRANSMISSION SYSTEMS as described in an application for letters patent filed in the UNITED STATES, the Declaration and Power of Attorney accompanying said application being executed on January 22, 2001 and all rights and privileges including priority rights arising from the application aforesaid 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 inventions.

I request that any and all patents for said inventions may be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for claiming said priority rights and for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

THE UNDERSIGNED hereby authorizes the firm of PASCAL & ASSOCIATES whose full office address in Canada is Suite 2001, 112 Kent Street, Ottawa, Ontario, K1P 5P2 and whose full mailing address is P.O. Box 3440, Station D, Ottawa, Ontario, K1P 6P1, to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this assignment suitable for recordal in the U.S. Patent Office.

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W. OBERHAMMER
583P14T

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