07-03-2002 FORM PTO-U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 102142884 ine attached original documents or copy thereof. To the Honorable Commissioner of. 7.1.02 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Roger D. Griggs and Barrie Flintham Name: Nortel Networks Limited Additional name(s) of conveying party(ies) attached? Yes x No Internal Address: Street Address: 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec Canada H4S 2A9 3. Nature of conveyance: X Assignment _ Merger Additional name(s) & address(es) attached? _ Yes _x_ No _ Change of Name _ Security Agreement Other Execution Date: May 2, 2002 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) 10/109,216 Additional numbers attached: 6. Total number of applications and patents involved: one 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41) \$ 40 Name: William M. Lee, Jr. Internal Address: Lee, Mann, Smith, McWilliams, Sweeney & Ohlson X Enclosed P.O. Box 2786 Street Address: __ City: Chicago State: Illinois Zip: 60690-2786 _ Authorized to be charged to deposit account 8. Deposit account number: 12-0913 (Attach duplicate copy of this form if paying by deposit account.) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original June 26, 2002 William M. Lee, Jr. Date Total number of pages including cover sheet, attachments and document 3 Name of Person Signing

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PATENT REEL: 013035 FRAME: 0672 FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

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

Amplifier Gain Error

as described in an application for letters patent filed concurrently herewith or filed in the United States of America on 28 March 2002 and given serial number 10/109,216, 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, divisions, 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 Lee, Mann, Smith, McWilliams, Sweeney & Ohlson whose full office address is P.O. Box 2786, Chicago, Illinois 60690-2786, United States of America, 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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Roger D Griggs 2 Osprey Drive Torquay, Devon TQ2 7SQ United Kingdom

Witness Signature

JOHN BARR

Witness Name (Print)

27 Crocadon

Meadows Halwell

Totnes, Devon TQ9 7LH

United Kingdom

Witness Signature

Witness Name (Print)

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