PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
David Steer	06/07/2007

RECEIVING PARTY DATA

Name:	Nortel Networks Limited	
Street Address:	2351 Boulevard Alfred-Nobel	
City:	St. Laurent	
State/Country:	CANADA	
Postal Code:	H4S 2A9	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13299767

CORRESPONDENCE DATA

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via US Mail.

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ATTORNEY DOCKET NUMBER: 77682-346C

NAME OF SUBMITTER: Sarah L. Ryan

Total Attachments: 1

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PATENT REEL: 027259 FRAME: 0291

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71493-1385 /jas

PATENT APPLICATION ASSIGNMENT

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

METHOD AND APPARATUS FOR ADAPTIVE CHANNEL UTILISATION

as described in an application for letters patent filed concurrently herewith or filed in the United States on March 26, 2007 and given serial number 11/727,277 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.

Witness' Signature

APRIAN SMITT

Witness' Name (print)

RECORDED: 11/21/2011

PATENT

Date: 7 JUNE 2

REEL: 027259 FRAME: 0292