

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Ming Jia	05/10/2012
RECEIVING PARTY DATA	
Name:	NORTEL NETWORKS LIMITED
Street Address:	5945 Airport Road
Internal Address:	Suite 360
City:	Mississauga
State/Country:	CANADA
Postal Code:	L4V 1R9
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13394888
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ATTORNEY DOCKET NUMBER:	17945ASSIGN1RECEIPT
NAME OF SUBMITTER:	Ralph A. Dowell
Total Attachments: 2 source=17945assign1#page1.tif source=17945assign1#page2.tif	

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FILE NO. 13/394,888 (92074-189)
US

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:

5945 Airport Road, Suite 360
Mississauga, Ontario
Canada, L4V 1R9


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

**SIGNALING AND CHANNEL ESTIMATION FOR UPLINK
TRANSMIT DIVERSITY**

as described in an application for letters patent filed concurrently herewith or filed in United States on March 8, 2012 and given serial number 13/394,888 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.

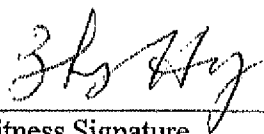
THE UNDERSIGNED hereby authorizes the firm of Smart & Biggar whose full office address is 438 University Avenue, Toronto, ON, Canada, M5G 2K8 to correct clerical errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.



10 May 2012

Ming Jia
345 Whitby Avenue, Apt. 302
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(date)



HANG ZHANG

Witness Signature

Witness Name (Print)