

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Aaron Callard	08/26/2008
Jianglei Ma	08/26/2008
Sophie Vrzic	08/27/2008

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12197942

CORRESPONDENCE DATA

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*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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Address Line 2: Suite 160

Address Line 4: Cary, NORTH CAROLINA 27518

ATTORNEY DOCKET NUMBER:

7000-609

NAME OF SUBMITTER:

Jennifer Alkove

Total Attachments: 2

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PATENT

REEL: 021517 FRAME: 0227

500645259

OP \$40.00 12197942



**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

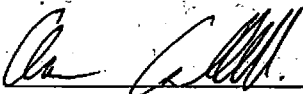
all their right, title, and interest worldwide in and to the invention relating to

**GRADUATED SINGLE FREQUENCY NETWORK**

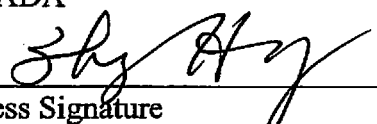
as described in an application for letters patent filed in the U.S. Patent and Trademark Office on August 25, 2008 and assigned serial number 12/197,942, as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, 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 Withrow & Terranova, P.L.L.C., whose full office address is 100 Regency Forest Drive, Suite 160, Cary, North Carolina 27518, 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.

  
\_\_\_\_\_  
Aaron Callard  
2-2704 Regina Street  
Ottawa, Ontario K2B 6Y1  
CANADA

Aug 26 2008  
\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Witness Signature

HANG ZHONG  
\_\_\_\_\_  
Witness Name (Print)



Jianglei Ma  
3 Bon Echo Crescent, Brildwood  
Kanata, Ontario K2M 2W5  
CANADA



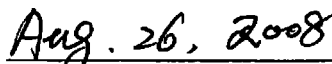
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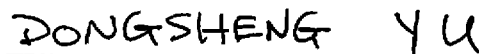
Sophie Vrzic  
169 Thornbury Crescent  
Nepean, Ontario K2G 6C2  
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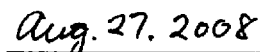
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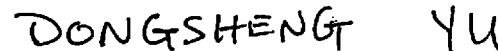
Date



Witness Name (Print)



Date



Witness Name (Print)