# 13288375

# CH \$40,00

### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Han SUN	04/01/2009
Kuang Tsan WU	04/02/2009
Kim B. ROBERTS	04/01/2009

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City:	St. Laurent
State/Country:	CANADA
Postal Code:	H4S 2A9

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13288375

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NAME OF SUBMITTER:	Kent Daniels

Total Attachments: 6

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APRIL 17, 2009

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BLAKE, CASSELS & GRAYDON LLP 45 O'CONNOR STREET SUITE 2000 OTTAWA, K1P 1A4 CANADA

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RECORDATION DATE: 04/16/2009

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NUMBER OF PAGES: 4

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DOCKET NUMBER: 64457/149

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DOC DATE: 04/01/2009

ASSIGNOR:

WU, KUANG TSAN

DOC DATE: 04/02/2009

ASSIGNOR:

ROBERTS, KIM B.

DOC DATE: 04/01/2009

ASSIGNEE:

NORTEL NETWORKS LIMITED 2351 BOULEVARD ALFRED-NOBEL ST. LAURENT, CANADA H4S 2A9

SERIAL NUMBER: 12419368 PATENT NUMBER:

FILING DATE: 04/07/2009

ISSUE DATE:

TITLE: CLOCK RECOVERY WITH CHANNEL COEFFICIENTS

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.sov

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TO:BLAKE, CASSELS & GRAYDON L

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# PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

04/16/2009 500836565

SUBMISSION TYPE: NEW ASSIGNMENT

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Postal Code:	H4S 2A9	

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Property Type	Number
Application Number:	12419368

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NAME OF SUBMITTER:

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Total Attachments: 2

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PATENT REEL: 027169 FRAME: 0845

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FILE NO. 64457/149 UNITED STATES

PATENT APPLICATION ASSIGNMENT

FOR THE 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

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all their rights, title, and interest worldwide in and to the invention relation to:

## CLOCK RECOVERY WITH CHANNEL COEFFICIENTS

as described in an application for letters patent filed concurrently herewith, 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 authorize(s) the firm of Blake, Cassels & Graydon LLP whose full office address is 45 O'Connor Street, Suite 2000, World Exchange Plaza, Ottawa, Ontario, K1P 1.44 Canada to correct clerical errors in the Assignment or to inscrt further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

This document may be executed in any number of counterparts, each of which so executed shall be deemed to be an original, but all such counterparts shall together constitute but one and the same document.

Han SUN

10 Brady Avenue

Kanata, ON K2K 2R1

Canada

Witness Signature

April 1st, 2009

Witness Name (Print)

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Eric Cav Chan Witness Name (Print)

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**PATENT REEL: 027169 FRAME: 0848** 

**RECORDED: 11/03/2011**