

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | |
|---|--------------------------------|---------------|----------------|---------------------|------------|----------|------------|-------------|------------|-------------|------------|----------|------------|------------------|------------|-----------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jianglei Ma</td> <td>01/27/2009</td> </tr> <tr> <td>Ming Jia</td> <td>01/27/2009</td> </tr> <tr> <td>Jianming Wu</td> <td>02/17/2009</td> </tr> <tr> <td>Peiyong Zhu</td> <td>01/29/2009</td> </tr> <tr> <td>Wen Tong</td> <td>01/27/2009</td> </tr> <tr> <td>Evelyne Le Strat</td> <td>01/19/2009</td> </tr> <tr> <td>Sarah Boumendil</td> <td>02/12/2009</td> </tr> </tbody> </table> | | Name | Execution Date | Jianglei Ma | 01/27/2009 | Ming Jia | 01/27/2009 | Jianming Wu | 02/17/2009 | Peiyong Zhu | 01/29/2009 | Wen Tong | 01/27/2009 | Evelyne Le Strat | 01/19/2009 | Sarah Boumendil | 02/12/2009 |
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| Evelyne Le Strat | 01/19/2009 | | | | | | | | | | | | | | | | |
| Sarah Boumendil | 02/12/2009 | | | | | | | | | | | | | | | | |
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| City: | St. Laurent, Quebec | | | | | | | | | | | | | | | | |
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| Postal Code: | H4S 2A9 | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12226736</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 12226736 | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | |
| Application Number: | 12226736 | | | | | | | | | | | | | | | | |
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CH \$40.00 12226736

NAME OF SUBMITTER:

Wendy M. Slade

Total Attachments: 16

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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

ADAPTIVE TRANSMISSION SYSTEMS AND METHODS

as described in an application for letters patent filed in the United States, based on PCT/CA2007/000644 filed April 19, 2007, claiming priority from United States Provisional Application No. 60/795,685 filed April 28, 2006, 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.

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Moussa **ABDI**
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Paris, F-75012
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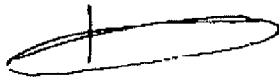
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71493-1699/jas

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Feb. 17. 09.

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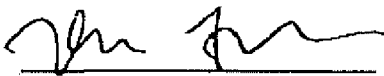
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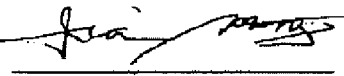
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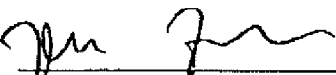
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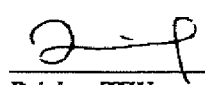
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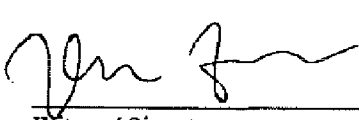
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