

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Liang Zhang	11/24/2008
Louis Thibault	12/01/2008
RECEIVING PARTY DATA	
Name:	Her Majesty the Queen in Right of Canada, as represented by the Minister of Industry, through the Communications Research Centre Canada
Street Address:	3701 Carling Avenue
City:	Ottawa
State/Country:	CANADA
Postal Code:	K2H 8S2
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12274037
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NAME OF SUBMITTER:	Annette Abdali

OP \$40.00 12274037

Total Attachments: 3
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ASSIGNMENT OF INVENTION
UNIVERSAL

WHEREAS, we **Liang ZHANG and Louis THIBAUT**, whose full post office addresses are **48 Keighley Circle, Ottawa, Ontario, K2K 3H8, Canada** and **22 rue Marcoux, Gatineau, Quebec, J8Z 2G8, Canada**, respectively, have made an invention as described in the patent application entitled

RECEIVER FOR DIFFERENTIALLY MODULATED MULTICARRIER SIGNALS

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 12/274,037, filed November 19, 2008), the filing date and application number of said application, when known.

WHEREAS, **Her Majesty the Queen in Right of Canada, as represented by the Minister of Industry, through the Communications Research Centre Canada**, (hereinafter referred to as the assignee), whose full post office address is **3701 Carling Avenue, Ottawa, Ontario, K2H 8S2, Canada**, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assignees, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or

extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 24 day of Nov., 2008.

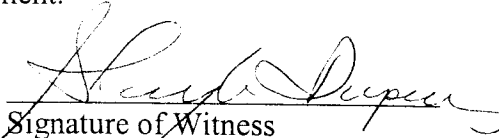
at OTTAWA, ON


Liang ZHANG

Declaration by Witness

I, Sheryle Dupuis, whose full post office address is 11 Hazynal CRT St, Htsville say:

That I was personally present and did see **Liang ZHANG**, who is personally known to me, duly sign and execute the above Assignment.


Signature of Witness

Executed this 1 day of DECEMBER, 2008.
at OTTAWA, ON.

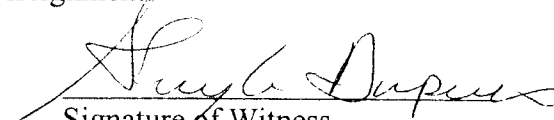


Louis THIBAUT

Declaration by Witness

I, Sherepe Dupuis, whose full post office address is
11 Weymouth St. Ottawa say:

That I was personally present and did see **Louis THIBAUT**, who is personally known to me, duly sign and execute the above Assignment.



Signature of Witness