

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:	ASSIGNMENT				
CONVEYING PARTY DATA					
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Li Shang</td> <td>05/24/2007</td> </tr> </tbody> </table>		Name	Execution Date	Li Shang	05/24/2007
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Li Shang	05/24/2007				
RECEIVING PARTY DATA					
Name:	Queen's University at Kingston				
Street Address:	Queen's University				
City:	Kingston, ON				
State/Country:	CANADA				
Postal Code:	K7L 3N6				
PROPERTY NUMBERS Total: 1					
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13314155</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13314155
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Application Number:	13314155				
CORRESPONDENCE DATA					
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NAME OF SUBMITTER:	Nancy McIntyre				
Total Attachments: 2 source=ShangAssignment#page1.tif source=ShangAssignment#page2.tif					

CH \$40.00 13314155

ASSIGNMENT

WHEREAS, I, **Li Shang** of 310 Bath Road, Apartment 703, Kingston, Ontario, K7M 9H1, Canada, hereinafter referred to as "ASSIGNOR", have previously assigned all right, title and interest, including priority rights, in and to United States Patent Application Serial No. 60/793,665, filed April 19, 2006 and entitled "Hybrid Nanotube/CMOS Dynamically Reconfigurable Architecture" and in United States Patent Application Serial No. 60/919,225, filed on March 21, 2007 and entitled "NanoMap: An Integrated Design Optimization Flow For A Hybrid Nanotube/CMOS Dynamically Reconfigurable Architecture", to Queen's University at Kingston; and ASSIGNOR is an inventor of the Invention described and set forth in

International Patent Application No. PCT/US07/09658
filed **April 19, 2007** and entitled **A Hybrid Nanotube/CMOS Dynamically Reconfigurable Architecture and an Integrated Design Optimization Method and System Therefor; and**

WHEREAS, Queen's University at Kingston, whose complete address is Kingston, Ontario, K7L 3N6, Canada, hereinafter referred to as "ASSIGNEE", is desirous of acquiring an interest in the Invention and patent applications and in any Letters Patent and Registration which may be granted thereon, and in any patent application and Letters Patent and Registration claiming priority from the same;

For the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR hereby assigns to ASSIGNEE all right, title, and interest, including priority rights, in and to the Invention and applications and to all foreign counterparts thereof, and in and to any Letters Patent and Registration which may hereafter be granted thereon, and in and to any patent application claiming priority from the same, in Canada, the United States, and all countries throughout the world. The right, title, and interest is to be held and enjoyed by ASSIGNEE and ASSIGNEE's successors and assigns as fully and exclusively as it would have been held and enjoyed by ASSIGNOR had this Assignment not been made, for the full term of any Letters Patent and Registration which may be granted thereon, or of any division, renewal, continuation, substitution, conversion, reissue, prolongation, or extension thereof.

ASSIGNOR further agrees that he will, without charge to ASSIGNEE, but at ASSIGNEE's expense, (a) cooperate with ASSIGNEE in the prosecution of patent applications on the Invention, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as ASSIGNEE lawfully may request to obtain or maintain

Letters Patent and Registration for the Invention in any and all countries, and to vest title thereto in ASSIGNEE, or ASSIGNEE's successors and assigns.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent for said Invention or resulting from said application, or from any divisional, renewal, substitution, conversion, continuation, prolongation, extension or reissue application thereof, to ASSIGNEE, as ASSIGNOR's sole assignee.

In testimony whereof I have hereunto set my hand:


this 24 day of May 2007


Li Shang

CERTIFICATE

City of Kingston)
Province of Ontario)

On this 24 day of May 2007 appeared before me in person the above **Li Shang** and acknowledged the above to be his signature, and that he signed and delivered the above instrument as his voluntary act and deed for the purposes herein set forth.



Stephen J. Scribner
Notary Public
Province of Ontario

Stephen Joseph Scribner, Notary Public, County of Frontenac, limited to the attestation of instruments and the taking of affidavits, for PARTEQ Research and Development Innovations. Expires January 9, 2010.