

## 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>Natale Barbiero</td> <td>11/19/2012</td> </tr> <tr> <td>Gordon F. Caruk</td> <td>11/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Natale Barbiero	11/19/2012	Gordon F. Caruk	11/19/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ATI TECHNOLOGIES ULC</td> </tr> <tr> <td>Street Address:</td> <td>ONE COMMERCE VALLEY DRIVE E</td> </tr> <tr> <td>City:</td> <td>MARKHAM, ONTARIO</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>L3T 3X6</td> </tr> </table>		Name:	ATI TECHNOLOGIES ULC	Street Address:	ONE COMMERCE VALLEY DRIVE E	City:	MARKHAM, ONTARIO	State/Country:	CANADA	Postal Code:	L3T 3X6
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PROPERTY NUMBERS Total: 1											
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Application Number:	13662764										
CORRESPONDENCE DATA											
<p>Fax Number: 2155686499  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2155686400        Email: ppetaccia@vklaw.com        Correspondent Name: Yong Beom Hwang        Address Line 1: Volpe And Koenig, P.C.        Address Line 2: 30 S. 17th Street, United Plaza        Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>											
ATTORNEY DOCKET NUMBER:	ATI-090063C1										
NAME OF SUBMITTER:	Yong Beom Hwang										
<p>Total Attachments: 4        source=090063C1_Assignment#page1.tif        source=090063C1_Assignment#page2.tif        source=090063C1_Assignment#page3.tif        source=090063C1_Assignment#page4.tif</p>											

CH \$40.00 13662764

## ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Natale Barbiero and Gordon F. Caruk (hereinafter referred to as the "Inventor(s)") and ATI Technologies ULC, having a place of business at One Commerce Valley Drive. E, Markham, Ontario, Canada (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in the United States of America on October 29, 2012, entitled METHOD AND DEVICE FOR DISABLING A HIGHER VERSION OF A COMPUTER BUS AND INTERCONNECTION PROTOCOL FOR INTEROPERABILITY WITH A DEVICE COMPLIANT TO A LOWER VERSION OF THE COMPUTER BUS AND INTERCONNECTION PROTOCOL, having application no. 13/662,764, and having a docket number of ATI-090063C1 (hereinafter referred to as the "Application"); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the invention(s) disclosed in the Application (hereinafter referred to as the "Invention(s)"), including any rights, title, and interest in the Invention(s) not previously transferred to Assignee through prior agreement.

NOW, THEREFORE, the parties agree as follows:

1. To the extent that Inventor(s) are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor(s) hereby confirm such transfer.
2. To the extent that Inventor(s) retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventor(s) hereby assign and otherwise transfer to the Assignee their entire right, title, and interest, throughout the world, in and to: the Invention(s), including any patent applications, patents, invention registrations, and equivalents thereof (including any and all provisional, international, regional, and national patents and patent applications, and all divisions, continuations, continuations-in-part, renewals, reissues, reexams, substitutes and extensions thereof), for the Invention(s) and all rights to claim priority thereto. Inventor(s) further assign and otherwise transfer to Assignee all causes of action and

remedies arising under any patent or patent application for the Invention(s) prior to, on, or after the date(s) of execution of this Assignment. Inventor(s) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

3. The transfers set forth in Paragraphs 1 and 2 above are in consideration for the sum of at least one U.S. dollar (US\$1) (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable. Such consideration includes but is not limited to at least one of the following: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.

4. Inventor(s) hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent thereof, to issue the patent for the Invention, and all resulting patents therefrom, insofar as the Inventor(s)' interest is concerned, to the Assignee.

5. Inventor(s) further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect Assignee's rights, title, and interest in the Invention(s).

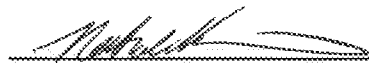
6. Inventor(s) hereby authorize Assignee, its successors and assigns, its legal representatives, or anyone the Assignee may properly designate, to insert in this Assignment of Patent Rights the filing date and/or application number of the Application when ascertained.

7. Inventor(s) hereby further agree to, with respect to any patent application or patent for the Invention(s), at the expense of the Assignee:


- i) testify in any legal proceedings,
- ii) sign all lawful papers,
- iii) execute all divisional, continuation, continuation-in-part, reissue, reexamination, and substitute applications,
- iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Invention(s) in all countries and regions, and
- v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Invention or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

This assignment is executed on the date(s) of which the Inventor(s) have signed.

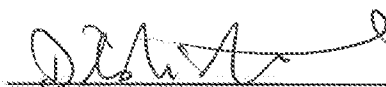
Inventor: Natale Barbiero

 (Signature) November 19, 2012 (Date)  
Natale Barbiero (Print Name)

Witness # 1:

 (Signature) November 19, 2012 (Date)  
DICKSON CHOW (Print Name)

Witness # 2:

 (Signature) Nov. 19, 12 (Date)  
DAMON TOHIDI (Print Name)

This assignment is executed on the date(s) of which the Inventor(s) have signed.

Inventor: Gordon F. Caruk

Gordon Caruk (Signature)  
Gordon Caruk (Print Name)

Nov 19, 2012 (Date)

Witness # 1:

D Mah (Signature)  
DANNY MAH (Print Name)

19 NOV 2012 (Date)

Witness # 2:

Damon Tohidi (Signature)  
DAMON TOHIDI (Print Name)

Nov 19, 12 (Date)