

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	NUNC PRO TUNC ASSIGNMENT
<b>EFFECTIVE DATE:</b>	10/11/2017
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ATI TECHNOLOGIES ULC	10/11/2017
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<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	7649395
<b>Patent Number:</b>	7689099
<b>Patent Number:</b>	7050460
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<b>DATE SIGNED:</b>	11/20/2017
<b>Total Attachments: 2</b>	
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source=Assignment.US.ATItoAMD#page2.tif	

**PATENT ASSIGNMENT, NUNC PRO TUNC**

This Patent Assignment (the "Agreement") is by and between ATI Technologies ULC, located at 1 Commerce Valley Drive East, Markham, ON L3T 7X6, Canada ("Assignor"), a wholly owned subsidiary of Advanced Micro Devices, Inc., a Delaware corporation, located at One AMD Place, Sunnyvale, California 94088-3453 ("Assignee"), and shall be effective as of October 11, 2017 (the "Effective Date").

Assignor is the owner of the following U.S. Patents (the "Patents"):

U.S. Patent No. 7,649,395 (Application No. 11/748,686)

U.S. Patent No. 7,689,099 (Application No. 10/965,648)

U.S. Patent No. 7,050,460 (Application No. 09/549,782)

Assignor and Assignee intended to transfer, convey and assign all rights in and to the Patents from Assignor to Assignee prior to the Effective Date.

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, Assignor does hereby sell, assign, transfer and convey the entire right, title and interest for the United States and all foreign countries, in and to the Patents, *nunc pro tunc*, as of the Effective Date.

In addition, Assignor agrees to and hereby does sell, assign, transfer and convey unto Assignee, *nunc pro tunc*, as of the Effective Date, all rights (i) in and to causes of action and enforcement rights for the Patents including all rights to pursue damages, injunctive relief and other remedies for past, present and future infringement of the Patents, (ii) the right to apply (or continue prosecution) in any and all countries of the world for patents, design patents, utility models, certificates of invention or other governmental grants for the Patents, including under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding, and (iii) the rights, if any, to revive prosecution of the Patents.

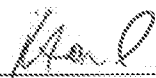
Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Patents in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment shall inure to the benefit of Assignee, its successor and other legal representatives, and shall be binding upon Assignor, its successor, assigns and other legal representatives.

AGREED, AS OF THE EFFECTIVE DATE.

ASSIGNEE:

Advanced Micro Devices, Inc.

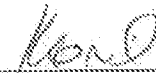
(Signature) 

Name: Kevin O'Neil

Title: Vice President, Intellectual Property & Licensing

ASSIGNOR:

ATI Technologies ULC

(Signature) 

Name: Kevin O'Neil

Title: VP of Licensing