

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Rex MCCRARY	11/19/2009
Frank LILJEROS	11/19/2009
Gongxian Jeffrey CHENG	11/20/2009

**RECEIVING PARTY DATA**

Name:	Advanced Micro Devices, Inc.
Street Address:	One AMD Place
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94088

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12553637

**CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	1972.0940000
NAME OF SUBMITTER:	/Theodore A. Wood, Reg No. 52,374/

Total Attachments: 4  
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**PATENT  
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PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between inventors Rex MCCRARY and Frank LILJEROS (hereinafter referred to as "Inventors") and Advanced Micro Devices, Inc., having a place of business at One AMD Place, Sunnyvale, California 94088 (hereinafter referred to as "Assignee").

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' names entitled **Hardware-Based Scheduling of GPU Work**, having application no. 12/553,637, filed on September 30, 2009, having a docket number of **1972.0940000** (hereinafter referred to as the "Invention"); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Invention.

NOW, THEREFORE, the parties agree as follows:

1. Inventors hereby sell, assign, and transfer their entire right, title, and interest in the Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
2. Inventors hereby sell, assign, and transfer their entire right, title, and interest in any foreign (non-U.S.) national patent application, invention registration, or equivalent (Foreign Applications) claiming approximately the same subject matter of the Invention to the Assignee.
3. The transfer set forth in Paragraph (2) is in consideration for the sum of one U.S. dollar (US\$1) (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventors by the Assignee. Consideration may include at least one of the following: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.
4. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue the patent for the Invention, and all resulting patents therefrom, insofar as Inventor's interest is concerned, to the Assignee.
5. Inventors further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.
6. Inventors hereby yet further agree to, with respect to the referenced patent application, 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 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 in all countries, 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 Inventors have signed.

Inventor Signature:

*Rex Mccrary*  
Rex MCCRARY

Date: 11/19/09

State/Province of: \_\_\_\_\_)

Regional Municipality of: \_\_\_\_\_)

Before me personally appeared said **Rex MCCRARY** and acknowledge the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_ 200\_\_.

Seal

\_\_\_\_\_(Notary)

OR

Witness # 1 *Jeffrey Brady* (Signature)  
Jeffrey Brady (Print Name)

Witness#2 *Randy Ramsey* (Signature)  
Randy Ramsey (Print Name)

Inventor Signature:

Frank M. Liljeros  
Frank LILJEROS

Date: 11/19/09

State/Province of: \_\_\_\_\_)

Regional Municipality of: \_\_\_\_\_)

Before me personally appeared said Frank LILJEROS and acknowledge the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_ 200\_\_\_\_\_.

Seal

\_\_\_\_\_ (Notary)

OR

Witness # 1 Jeffrey Brady (Signature)  
Jeffrey Brady (Print Name)

Witness#2 Randy Ramsey (Signature)  
Randy Ramsey (Print Name)

{ FILENAME }

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Appl. No. 12/553,637  
AMD File No. 090006

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 in all countries, 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 Inventors have signed.

Inventor Signature:

Date: Nov. 20, 2009

Gongxian Jeffrey CHENG

State/Province of: Ontario )

Regional Municipality of: Toronto )

Before me personally appeared said **Gongxian Jeffrey CHENG** and acknowledge the foregoing instrument to be his free act and deed this 20th day of November 2009.

Seal

\_\_\_\_\_  
(Notary)

OR

Witness # 1 [Signature] (Signature)

WABEL MERIANO (Print Name)

Witness#2 [Signature] (Signature)

Jerry Trang (Print Name)

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