

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>Michael Houston</td> <td>10/18/2010</td> </tr> <tr> <td>Brian Emberling</td> <td>10/22/2010</td> </tr> </tbody> </table>		Name	Execution Date	Michael Houston	10/18/2010	Brian Emberling	10/22/2010				
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<table border="1"> <tr> <td>Name:</td> <td>Advanced Micro Devices, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>One AMD Place</td> </tr> <tr> <td>City:</td> <td>Sunnyvale</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94088</td> </tr> </table>		Name:	Advanced Micro Devices, Inc.	Street Address:	One AMD Place	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94088
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CORRESPONDENCE DATA											
<p>Fax Number: (202)371-2540</p> <p>Phone: (202) 371 2600</p> <p>Email: rdillon@skgf.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Sterne, Kessler, Goldstein & Fox PLLC</p> <p>Address Line 1: 1100 New York Avenue, N.W.</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p>											
ATTORNEY DOCKET NUMBER:	1972.0990001										
NAME OF SUBMITTER:	Michael D. Specht, Reg. No. 54,463										
<p>Total Attachments: 6</p> <p>source=1972.0990001 assignments (AMD)#page1.tif</p> <p>source=1972.0990001 assignments (AMD)#page2.tif</p> <p>source=1972.0990001 assignments (AMD)#page3.tif</p> <p>source=1972.0990001 assignments (AMD)#page4.tif</p> <p>source=1972.0990001 assignments (AMD)#page5.tif</p> <p>source=1972.0990001 assignments (AMD)#page6.tif</p>											

OP \$40.00 12846222

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between inventors (1.) **Michael Houston**, (2.) **Stanislaw Skowronek** and (3.) **Brian Emberling** (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 **Thread Synchronization**, having application no. 12/846,222, filed on July 29, 2010, having a docket number of **1972.0990001** (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,

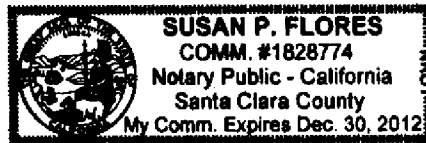
v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Invention or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

Inventor Signature: _____

Date: 10/18/2010

Regional Municipality of: JANATA CLARK

Seal



Flore (Notary)

Witness # 1 _____ (Signature) Witness#2 _____ (Signature)
 _____ (Print Name) _____ (Print Name)

PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between inventors (1.) **Michael Houston**, (2.) **Stanislaw Skowronek** and (3.) **Brian Emberling** (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").

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

NOW, THEREFORE, the parties agree as follows:

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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:

Date: _____

State/Province of: _____)

Regional Municipality of: _____)

Before me personally appeared said **Michael Houston** and acknowledge the foregoing instrument to be his free act and deed this _____ day of _____ 200_____.

Seal

_____(Notary)

OR

Witness # 1 _____ (Signature)

Witness#2 _____ (Signature)

_____ (Print Name)

_____ (Print Name)

Inventor Signature:

Date: _____

State/Province of: _____)

Regional Municipality of: _____)

Before me personally appeared said **Stanislaw Skowronek** and acknowledge the foregoing instrument to be his free act and deed this _____ day of _____ 200_____.

Seal

_____(Notary)

OR

Witness # 1 _____ (Signature)	Witness#2 _____ (Signature)
_____ (Print Name)	_____ (Print Name)

Inventor Signature:

Brian D. Emberling

Date: OCT 22, 2010

State/Province of: California

Regional Municipality of: Santa Clara

Before me personally appeared said **Brian Emberling** and acknowledge the foregoing instrument to be his free act and deed this 22nd day of OCTober 2002010.

Seal

_____(Notary)

OR

Witness # 1 Adam Moerschell (Signature)

Adam Moerschell (Print Name)

Witness#2 Yi-Jung Sy (Signature)

Yi-Jung Sy (Print Name)

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