

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Benedict R. Gaster</td><td>09/29/2011</td></tr><tr><td>Lee W. Howes</td><td>09/29/2011</td></tr></tbody></table>		Name	Execution Date	Benedict R. Gaster	09/29/2011	Lee W. Howes	09/29/2011						
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RECEIVING PARTY DATA													
<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>Internal Address:</td><td>P.O. Box 3453</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	Internal Address:	P.O. Box 3453	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94088
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CORRESPONDENCE DATA													
Fax Number: (512)853-8801													
Phone: 512-853-8800													
Email: dbeasley@intprop.com													
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name: Dean M. Munyon													
Address Line 1: Meyertons Hood Kivlin Kowert & Goetzel													
Address Line 2: P.O. Box 398													
Address Line 4: AUSTIN, TEXAS 78767-0398													
ATTORNEY DOCKET NUMBER:	5800-46200												
NAME OF SUBMITTER:	Dean M. Munyon												
Total Attachments: 4 source=100501_Assignment_5800-46200#page1.tif source=100501_Assignment_5800-46200#page2.tif source=100501_Assignment_5800-46200#page3.tif source=100501_Assignment_5800-46200#page4.tif													

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PATENT
REEL: 026994 FRAME: 0151

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventors **Benedict R. Gaster and Lee W. Howes** (hereinafter referred to as the "Inventors") and Advanced Micro Devices, Inc., having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088 (hereinafter referred to as the "Assignee").

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' name entitled **VECTOR WIDTH-AWARE SYNCHRONIZATION-ELISION FOR VECTOR PROCESSORS**, which has been executed by the undersigned concurrently herewith, and having a docket number of **5800-46200** (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 Inventors are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventors hereby confirm such transfer.
2. To the extent that Inventors retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventors 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. Inventors 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. Inventors 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. Inventors hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent thereof, to issue the patent for the Invention(s), and all resulting patents therefrom, insofar as the Inventors' 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 Assignee's rights, title, and interest in the Invention(s).

6. Inventors 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. Inventors 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(s) 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(s).

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

Inventor:

[Signature] (Signature) 9-29-11 (Date)
Benedict R. Gaster

State of CALIFORNIA

County of SANTA CLARA

On Sept. 29, 2011 before me,
(insert date)

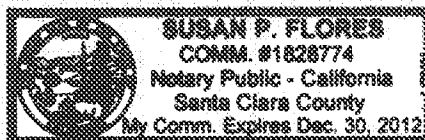
SUSAN P. FLORES

(insert name and title of the notarizing officer)

personally appeared Benedict R. Gaster, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(NOTARY SEAL)

Signature: [Signature]

Inventor:

[Signature] (Signature) 2011-09-29 (Date)
Lee W. Howes

State of CALIFORNIA

County of SANTA CLARA

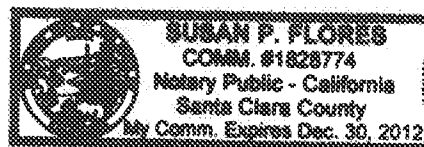
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(insert name and title of the notarizing officer)

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I certify under PENALTY OF PERJURY under the laws of the State of CALIFORNIA that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



(NOTARY SEAL)

Signature: [Signature]

Customer Number 53806
Dean M. Munyon
Meyertons, Hood, Kivlin, Kowert & Goetzl, P.C.
P.O. Box 398
Austin, TX 78767-0398