

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark S. Grossman	10/08/2008
Thomas Frisinger	10/07/2008
Daniel M. Gessel	10/10/2008

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:	12249316

CORRESPONDENCE DATA

Fax Number: (408)342-1909
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 408-342-1904
Email: gstaniford@csgip.com
Correspondent Name: COURTNEY STANIFORD & GREGORY LLP
Address Line 1: P.O. BOX 9686
Address Line 4: SAN JOSE, CALIFORNIA 95157

ATTORNEY DOCKET NUMBER: ATEC.P052

NAME OF SUBMITTER: Geoffrey T. Staniford

Total Attachments: 6

source=Assignment_ATECP052#page1.tif

source=Assignment_ATECP052#page2.tif

PATENT

REEL: 021667 FRAME: 0444

500673121

OP \$40.00 12249316

source=Assignment_ATECP052#page3.tif
source=Assignment_ATECP052#page4.tif
source=Assignment_ATECP052#page5.tif
source=Assignment_ATECP052#page6.tif

RECORDATION FORM COVER SHEET
PATENTS ONLY

ATEC.P052

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Mark S. Grossman, Thomas Frisinger,
Daniel M. Gessel

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 10/8/2008, 10/7/2008, 10/10/2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Advanced Micro Devices, Inc.

Internal Address: _____

Street Address: One AMD Place

City: Sunnyvale

State: California

Country: U.S.A. Zip: 94088

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Geoffrey T. Staniford

Internal Address: _____

Courtney Staniford & Gregory LLP

Street Address: PO Box 9686

City: San Jose

State: CA Zip: 95157

Phone Number: 408-342-1904

Fax Number: 408-342-1909

Email Address: gstaniford@csgip.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 3746
Expiration Date 08/09

b. Deposit Account Number _____

Authorized User Name Geoffrey T. Staniford

9. Signature:



Signature

October 10, 2008

Date

Geoffrey T. Staniford

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 021667 FRAME: 0446

PATENTASSIGNMENT

In consideration of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Mark S. Grossman, Thomas Frisinger, and Daniel M. Gessel, the undersigned Assignor(s), believing to be the original, first and sole or joint inventors of any and all new and useful improvements disclosed in the application for the United States patent entitled

**TEXTURE LEVEL TRACKING, FEEDBACK, AND CLAMPING
SYSTEMS FOR GRAPHICS PROCESSORS**

hereby sell, assign, and transfer to **Advanced Micro Devices, Inc.**, having a principal place of business at One AMD Place, Sunnyvale, CA 94088 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the same patent application

____ which was filed with the United States Patent and Trademark Office on _____,
and which was assigned Application Number _____.

X which has been executed by the undersigned prior hereto or concurrently
herewith on the dates indicated below.

The undersigned further sell, assign, and transfer to Assignee said application and all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and the right to file foreign applications directly in the name of the Assignee and to claim for any such foreign applications any priority rights to which such applications are entitled under international conventions, treaties or otherwise.

The undersigned further agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said

Atty. Docket No. ATEC.P052
Client Reference: 080025

- 1 -

PATENT
REEL: 021667 FRAME: 0447

improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives.

The undersigned covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned hereby authorize and request the Officials of the United States Patent and Trademark Office and any and all foreign Patent Offices to issue any and all Letters Patents, when granted, to said Assignee as the assignee of the entire right, title and interest in and to the same, for the sole use of said Assignee, its successors and assigns, to the full end of the term for which said Letters Patents may be granted.

The undersigned hereby grant to the practitioners at Customer Number 53186, the Customer Number of Courtney Staniford & Gregory LLP, the power to insert on this document any further identification necessary or desirable to comply with the rules of the United States Patent and Trademark Office for recordation of this Assignment.

EXECUTED under seal on this 8 day of OCTOBER, 2008

at SUNNYVALE, CA
(Place)

Witness No. 1:

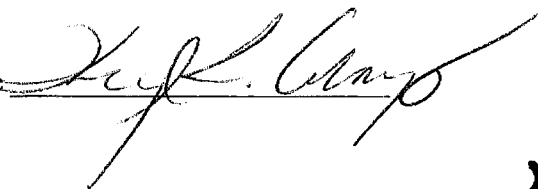
Witness No. 2:


(L.S.)
Mark S. Grossman

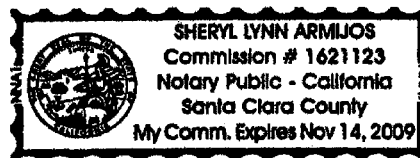
STATE OF California
COUNTY OF Santa Clara

On Oct. 8, 2008, before me, Sheryl Armijs, Notary Public, personally appeared Mark S. Grossman, and proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature 

(Seal)



EXECUTED under seal on this 7 day of October, 2008
at 60 Forest St, Marlborough, MA 01752
(Place)

Witness No. 1:

Witness No. 2:

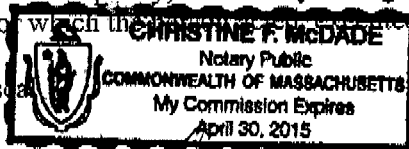


Thomas Frisinger (L.S.)


STATE OF Massachusetts
COUNTY OF Middlesex

On October 7, 2008, before me, Christine F. McDade, Notary Public,
personally appeared Thomas Frisinger, and proved to me on the basis of satisfactory evidence to
be the person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the instrument the
person, or the entity upon behalf of which the signature was made, executed the instrument.

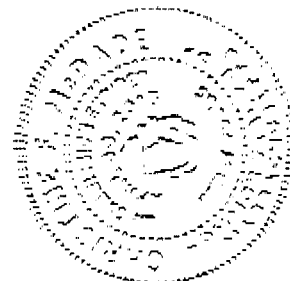
WITNESS my hand and official seal



Signature



(Seal)



EXECUTED under seal on this 10 day of Oct, 2008
at Newton MA
(Place)

Witness No. 1:

Witness No. 2:

[Signature]
[Signature]
Daniel M. Gessel (L.S.)

STATE OF MASS
COUNTY OF Middlesex

On Oct 10 08, before me, Thomas E Wolf Notary Public,
personally appeared Daniel M. Gessel, and proved to me on the basis of satisfactory evidence to
be the person whose name is subscribed to the within instrument and acknowledged to me that
he executed the same in his authorized capacity, and that by his signature on the instrument the
person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature

[Signature]
Thomas E. Wolf
Notary Public, Massachusetts
My Comm. Expires May 29, 2009

