PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GLENN DEARTH	12/05/2014
ANWAR KASHEM	12/05/2014
SEAN CUMMINS	12/05/2014

RECEIVING PARTY DATA

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Street Address:	ONE AMD PLACE
City:	SUNNYVALE
State/Country:	CALIFORNIA
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14566265

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ATTORNEY DOCKET NUMBER:	1458-0536
NAME OF SUBMITTER:	PAUL J. POLANSKY
SIGNATURE:	/paul j polansky/
DATE SIGNED:	12/10/2014

Total Attachments: 5

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Attorney Docket No. 1458-0536 / AMD Reference No. 140076

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) **Glenn Dearth, Anwar Kashem and Sean Cummins** (hereinafter referred to as the "Inventor(s)") and Advanced Micro Devices, Inc., having a place of business at One AMD Place, Sunnyvale, California, USA (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in **United States of America** on or about the execution date of this assignment, entitled **ADDRESS AND CONTROL SIGNAL TRAINING**, and having a docket number of **1458-0536** (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 Inventor(s) are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor(s) hereby confirm such transfer.
- 2. To the extent that Inventor(s) retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventor(s) 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. Inventor(s) 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. Inventor(s) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

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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. Inventor(s) hereby authorize and request the Commissioner of Patents and

Trademarks, or equivalent thereof, to issue the patent for the Invention, and all resulting

patents therefrom, insofar as the Inventor(s)' interest is concerned, to the Assignee.

5. Inventor(s) 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. Inventor(s) 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. Inventor(s) 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 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 Inventor(s) have signed.

(Signature)	12/5/2014 (Date)
(Print Name)	
(Cinnatura)	50α 2014 (Date)
(Signature) (Print Name)	Date)
(Signature)	<u>/ ͡ᡷ} S / ͡ᡷ////</u> (Date)
(Print Name)	•
	(Print Name) (Signature) (Print Name)

Inventor: Anwar Kashem Answare Eastern	(Signature) (Print Name)	Ø5 / D€C/2014 (Date)
Witness # 1;	(Signature) (Print Name)	<u>5 0୯ ਟਗ ੰ</u> (Date)
	_ (Signature) _ (Print Name)	<u>/2∫5 /20/ </u>
NICOLE L. HARRIS Notary Public Commonwealth of Massachusetts My Commission Expires April 4, 2019		

Sean Cummins Sean Cummins	(Signature) (Print Name)	12/5/14	(Date)
Witness # 1: Styll David 5. crasticals ((Signature) (Print Name)	<u> 50k 2014</u>	(Date)
Witness # 2: Acres & Harris Nicole & Hallig	(Signature) (Print Name)	12/5/2014	(Date)
NICOLE L. HARR Notary Public Commonwealth of Massa My Commission Exp April 4, 2019	· ·		ing the second of the second o

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