# 504283773 03/22/2017

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4330454

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNOR'S LISTED previously recorded on Reel 025236 Frame 0387. Assignor(s) hereby confirms the CORRECT ASSIGNOR'S ARE MICHAEL J. OSBORN, AARON J. GRENAT, JOSEPH KIDD, PRIYANK PARAKH AND STEVEN J. KOMMRUSCH.

# **CONVEYING PARTY DATA**

Name	Execution Date
MICHAEL J. OSBORN	10/29/2010
AARON J. GRENAT	10/29/2010
JOSEPH KIDD	10/28/2010
PRIYANK PARAKH	10/29/2010
STEVEN J. KOMMRUSCH	11/01/2010

### **RECEIVING PARTY DATA**

Name:	ADVANCED MICRO DEVICES, INC.
Street Address:	ONE AMD PLACE
Internal Address:	P.O. BOX 3453
City:	SUNNYVALE
State/Country:	CALIFORNIA
Postal Code:	94088

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	8584067

# **CORRESPONDENCE DATA**

**Fax Number:** (512)853-8801

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

**Phone:** 5128538800

**Email:** dkramer@intprop.com

Correspondent Name: MEYERTONS HOOD KIVLIN KOWERT & GOETZEL, P.C.

Address Line 1: P.O. BOX 398

Address Line 4: AUSTIN, TEXAS 78767-0398

ATTORNEY DOCKET NUMBER:	5800-41300
NAME OF SUBMITTER:	DEAN M. MUNYON
SIGNATURE:	/Dean M. Munyon/

PATENT 504283773 REEL: 042063 FRAME: 0015

**DATE SIGNED:** 03/22/2017 **Total Attachments: 25** source=Corrective Assignment#page1.tif source=Corrective Assignment#page2.tif source=Corrective\_Assignment#page3.tif source=Corrective\_Assignment#page4.tif source=Corrective\_Assignment#page5.tif source=Corrective Assignment#page6.tif source=Corrective Assignment#page7.tif source=Corrective\_Assignment#page8.tif source=Corrective\_Assignment#page9.tif source=Corrective Assignment#page10.tif source=Corrective Assignment#page11.tif source=Corrective\_Assignment#page12.tif source=Corrective Assignment#page13.tif source=Corrective Assignment#page14.tif source=Corrective Assignment#page15.tif source=Corrective\_Assignment#page16.tif source=Corrective\_Assignment#page17.tif source=Corrective Assignment#page18.tif source=Corrective Assignment#page19.tif source=Corrective\_Assignment#page20.tif source=Corrective\_Assignment#page21.tif source=Corrective Assignment#page22.tif source=Corrective\_Assignment#page23.tif source=Corrective\_Assignment#page24.tif source=Corrective Assignment#page25.tif

> PATENT REEL: 042063 FRAME: 0016

PATENT ASSIGNMENT

# CORRECTIVE

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Michael J. Osborn	10/29/2010
Michael J. Tresidder	11/02/2010
Aaron J. Grenat	10/29/2010
Joseph Kidd	10/28/2010
Priyank Parakh	10/29/2010
Steven J. Kommrusch	11/01/2010

#### **RECEIVING PARTY DATA**

Name:	Advanced Micro Devices, Inc.
Street Address:	One AMD Place
Internal Address:	P.O. Box 3453
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94088

# PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12938125

# **CORRESPONDENCE DATA**

Fax Number: (512)853-8801

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

**Phone**: 5128538800

Email: dbeasley@intprop.com

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:	5800-41300	
NAME OF SUBMITTER:	Dean M. Munyon	
Signature:	/Dean M. Munyon/	
Date:	11/02/2010	

#### Total Attachments: 21

source=090272\_Assignment\_5800-41300#page1.tif source=090272\_Assignment\_5800-41300#page2.tif source=090272\_Assignment\_5800-41300#page3.tif source=090272\_Assignment\_5800-41300#page4.tif source=090272\_Assignment\_5800-41300#page5.tif source=090272\_Assignment\_5800-41300#page6.tif source=090272\_Assignment\_5800-41300#page7.tif source=090272\_Assignment\_5800-41300#page8.tif source=090272\_Assignment\_5800-41300#page9.tif source=090272 Assignment 5800-41300#page10.tif source=090272\_Assignment\_5800-41300#page11.tif source=090272\_Assignment\_5800-41300#page12.tif source=090272\_Assignment\_5800-41300#page13.tif source=090272\_Assignment\_5800-41300#page14.tif source=090272\_Assignment\_5800-41300#page15.tif source=090272\_Assignment\_5800-41300#page16.tif source=090272\_Assignment\_5800-41300#page17.tif source=090272\_Assignment\_5800-41300#page18.tif source=090272\_Assignment\_5800-41300#page19.tif source=090272\_Assignment\_5800-41300#page20.tif source=090272\_Assignment\_5800-41300#page21.tif

#### RECEIPT INFORMATION

**EPAS ID**: PAT1364162 **Receipt Date**: 11/02/2010

Fee Amount: \$40

This is an assignment of patent rights between inventors Michael J. Osborn, Michael J. Her, Aaron J. Grenat, Joseph Kidd, Priyank Parakh, and Steven I Was after referred to as "Inventors") and Advanced in the safe One AMERICAN Consideration of the safe One AMERICAN CONSIDERATION CONSID Tresidder, Aaron J. Grenat, Joseph Kidd, Priyank Parakh, and Steven J. Kommrusch (hereinafter referred to as "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 "Assignee").

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' names entitled CLOCK DOMAIN CROSSING BUFFER, which has been executed by the undersigned concurrently herewith, and having a docket number of 5800-41300 (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:

- 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.
- 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.
- 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.
- 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.
- 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.
- Inventors hereby yet further agree to, with respect to the referenced patent application, at the expense of the Assignee:
  - testify in any legal proceedings, i)
  - sign all lawful papers,

Page 1

- 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:			
my When		Date: 10/24/10	
Michael J. Osborn			
State of	_ §		
County of	_ §		
		rity, on this opeared Michael J. Osborn, known to	day of
	to the foregoing	instrument and acknowledged to me that	
the same of his own free will for the	e purposes and v	consideration merein expressed.	
		Notary or Consular Officer	<u>_</u>
[SEAL]			
0.7			
OR			
Witness # 1:		Witness # 2:	
Him I hill		5.	gamen W. 1
(Signature)	<u> </u>	(Signature)	
Timothy J. Ire	land	Sorpous Mins	
(Printed Name)	<del></del>	(Printed Name)	

Inventor:			
		<del>Date:</del>	<u></u>
Michael J. Tresidder			
State of	§		
County of	§		
BEFORE ME, the	e undersigned autho	ority, on this	<del>day of</del>
	<del>_, 2010, personally a</del>	ppeared Michael J. Tresidder, known to	o me to be the
		g instrument and acknowledged to me the consideration therein expressed.	<del>iai ne execuleo</del>
		-	
		Notary or Consular Officer	
[SEAL]		·	
<del>OR</del>			
Witness # 1:		Witness # 2:	
(Signature)		(Signature)	
(Printed Name)	·	(Printed Name)	

Inventor:		
		Date:
Aaron J. Grenat	<u>-</u>	
State of	§	
County of	§	
, 20	010, personally ap he foregoing instr	rity, on this day of peared Aaron J. Grenat, known to me to be the person ument and acknowledged to me that he executed the isideration therein expressed.
[SEAL]		Notary or Consular Officer
OR		
Witness # 1:		Witness # 2:
(Signature)	······	(Signature)
(Printed Name)		(Printed Name)

Inventor:	Date: 10/28/2010
Poseph Kidd	, ,
State of	§
County of	§
BEFORE ME, the undersi	gned authority, on this day of
	personally appeared Joseph Kidd, known to me to be the person egoing instrument and acknowledged to me that he executed the
	oses and consideration therein expressed.
	Notary or Consular Officer
[SEAL]	Notary of Consular Officer
OR	
Witness # 1:	Witness # 2:
Bergan vell	Co June June
(Signature)	(Signature)
BENTAMIN MILLE	
(Printed Name)	(Printed Name)

Inventor: Brush		Date: $10/29/2010$	
Priyank Parakh			
•			
State of	§		
County of	§		
, 20:	10, personally appe e foregoing instrur	ty, on this day eared Priyank Parakh, known to me to be the persment and acknowledged to me that he executed dideration therein expressed.	on
[SEAL]		Notary or Consular Officer	
OR Witness # 1: (Signature)	<u>-</u>	Witness #2: (Signature)	
Youl G. Tob	ι ./)	JOHN A. THOMSON	_
(Printed Name)	· <del></del>	(Printed Name)	

Inventor:		•
		Date:
Steven J. Kommrusch		
State of	§	
County of	§	
person whose name is subscri	2010, personally ap bed to the foregoing	rity, on this day of opeared Steven J. Kommrusch, known to me to be the instrument and acknowledged to me that he execute consideration therein expressed.
[SEAL]		Notary or Consular Officer
OR		
Witness # 1:		Witness # 2:
(Signature)		(Signature)
(Printed Name)		(Printed Name)

# **Customer Number 53806**

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

Tresidder, Aaron J. Grenat, Joseph Kidd, Priyank Parakh, and Steven J. Kommrusch (hereinafter referred to as "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 "Assignee").

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' names entitled CLOCK DOMAIN CROSSING BUFFER, which has been executed by the undersigned concurrently herewith, and having a docket number of 5800-41300 (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:

- 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.
- 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.
- 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.
- 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.
- 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.
- Inventors hereby yet further agree to, with respect to the referenced patent application, at the expense of the Assignee:
  - testify in any legal proceedings, i)
  - sign all lawful papers,

Page 1

- 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:	
	Date:
Michael J. Osborn	
State of	§
County of	§
BEFORE ME, the undersi	gned authority, on this day of personally appeared Michael J. Osborn, known to me to be the
person whose name is subscribed to t	he foregoing instrument and acknowledged to me that he executed surposes and consideration therein expressed.
[SEAL]	Notary or Consular Officer
OR	
Witness # 1:	Witness # 2:
(Signature)	(Signature)
(Printed Name)	(Printed Name)

Inventor:  Michael J. Tresidder		Date: Nov Z	12010 2/22/2019
State of	<del>§</del> -		
County of	<u> </u>		
	010, personally app d to the foregoing i	eared Michael J. Tresidder, known nstrument and acknowledged to r	
[ <del>SEAL]</del>		·	
<del>OR</del>		•	
Witness # 1:  (Signature)		Witness # 2:  (Signature)	
(Printed Name)		(Printed Name)	J
(TIMERIANIE)		(* 1 milen Lame)	

Inventor:			
		Date:	
Aaron J. Grenat			CHERRICAL AND
State of	§		
County of	§		
	, 2010, personally ap o the foregoing instr	rity, on this	to be the person
OR			
Witness # 1:		Witness # 2:	
(Signature)		(Signature)	
(Printed Name)		(Printed Name)	

inventor:	
	Date:
Joseph Kidd	
State of	§
County of	§
BEFORE ME, the und	ersigned authority, on this day on the personally appeared Joseph Kidd, known to me to be the personally appeared Joseph Kidd, known to me to be the personal transfer of the personal transfe
same of his own free will for the p	nrposes and consideration therein expressed.  Notary or Consular Officer
OR	
Witness # 1:	Witness # 2:
	CLEADED IN 2.
(Signature)	

Inventor:		
		Date:
Priyank Parakh	·	
State of	§	
County of	§	
, 20	)10, personally ap ne foregoing instr	
[SEAL]		Notary or Consular Officer
OR		
Witness # 1:		Witness # 2:
(Signature)		(Signature)
(Printed Name)		(Printed Name)

Inventor:	
	Date:
Steven J. Kommrusch	
State of §	
County of §	
, 2010, perso	day of nally appeared Steven J. Kommrusch, known to me to be the oregoing instrument and acknowledged to me that he executed uses and consideration therein expressed.
[SEAL]	Notary or Consular Officer
OR	
Witness # 1:	Witness # 2:
(Signature)	(Signature)
(Printed Name)	(Printed Name)

Customer Number 53806

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

Tresidder, Aaron J. Grenat, Joseph Kidd, Priyank Parakh, and Steven J. Kommrusch (hereinafter referred to as "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 "Assignee").

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' names entitled CLOCK DOMAIN CROSSING BUFFER, which has been executed by the undersigned concurrently herewith, and having a docket number of 5800-41300 (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:

- 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.
- 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.
- 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.
- 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.
- 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.
- Inventors hereby yet further agree to, with respect to the referenced patent application, at the expense of the Assignee:
  - testify in any legal proceedings, i)
  - sign all lawful papers,

Page 1

- 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:		
	· .	Date:
Michael J. Osborn		
State of	§	
County of	§	
		rity, on this day of
	d to the foregoing	ppeared Michael J. Osborn, known to me to be the instrument and acknowledged to me that he executed consideration therein expressed.
[SEAL]		Notary or Consular Officer
[		
OR		
Witness # 1:		Witness # 2:
(Signature)		(Signature)
(Printed Name)		(Printed Name)

Inventor:		•	
		Date:	
Michael J. Tresidder			•
State of	<u> </u>		
County of	<u> </u>		
person whose name is subscrib	ed to the foregoin	appeared Michael J. Tresidder, known to go instrument and acknowledged to me to decide the second consideration therein expressed.  Notary or Consular Officer	
<del>OR</del>		Witness # 2a	
Witness # 1:		Witness # 2:	
(Signature)		(Signature)	
(Printed Name)		(Printed Name)	

Inventor: Aaron J. Grenat	Date: 10/29/2010
State of Texas §	
County of USA §	
	ly appeared Aaron J. Grenat, known to me to be the person instrument and acknowledged to me that he executed the
[SEAL]	Notary or Consular Officer
OR	
Witness # 1:  Alicie Palario (Signature)	Witness # 2:  (Signature)
Alicia PAlacios	June Kontvis
(Printed Name)	(Printed Name)

Inventor:	
	Date:
Joseph Kidd	
•	
State of	§
County of	§
BEFORE ME, the undersigned	ed authority, on this day of
	sonally appeared Joseph Kidd, known to me to be the person oing instrument and acknowledged to me that he executed the es and consideration therein expressed.
[SEAL]	Notary or Consular Officer
OR	
Witness # 1:	Witness # 2:
(Signature)	(Signature)
(Printed Name)	(Printed Name)

Inventor:		
		Date:
Priyank Parakh		
State of	§	
County of	<b>§</b> .	
		athority, on this day of
	e foregoing i	y appeared Priyank Parakh, known to me to be the person nstrument and acknowledged to me that he executed the consideration therein expressed.
[SEAL]		Notary or Consular Officer
OR		
Witness # 1:		Witness # 2:
(Signature)		(Signature)
(Printed Name)		(Printed Name)

Inventor:	Date: Nov 15t 2010
Steven J. Koramrusch	Date. 1100 1 , 20010
State of <u>Colorado</u> §  County of <u>LAVIMER</u> §  BEFORE ME, the undersigned authority	ared Steven J. Kommrusch, known to me to be the strument and acknowledged to me that he executed
	de August
	Notary or Consular Officer
[SEAL]	DONNA RUPERT, MY COMMISSION
OR	Notary or Consular Officer  DONNA RUPERT, my Commission  Expires 4/10/2012
Witness # 1:	Witness # 2:
(Signature)	(Signature)
(Printed Name)	(Printed Name)

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

Page 7

PATENT REEL: 042063 FRAME: 0039

**RECORDED: 03/22/2017**