FORM PTO-1595 1-31-92	10-25-2	004	U.	S. DEPARTMENT OF COMMERCE Patent and Trademark Office
			H2162	2
To the Honorable Commissioner of Patents and Trade	1028665	:36	r copy thereof.	
Name of conveying party(ies):	102000		ss of receiving party(ies):	
Vydhyanathan Kalyanasundharam William A. Hughes Philip E. Madrid Scott A. White Ajay Naini  Additional name(s) of conveying party(ies) attached?	yes No	Internal Address: Street Address:	One AMD Place	
			StateC & address(es) attached?	A ZIP <u>94088</u> Yes ⊠No
3. Nature of Conveyance:  Assignment Merger Security Agreement Change of Name Other Execution Date: 10/14/04, 10/14/04, 10/13/04, 10/1				
4. Application number(s) or patent number(s):  If this document is being filed together with a new as  A. Patent Application No.(s)  Additional numbers attached?  Yes  No.	B. Pate	ate of this application is	s: 10/14/04, 10/14/04, 10/	13/04, 10/13/04, 10/14/04
Name and address of party to whom correspondence concerning document should be mailed:      Name: Lawrence J. Merkel  Internal Address: Meyertons, Hood, Kivlin, Kower  Street Address: P.O. Box 398  City Austin State TX ZIP 78767-03		6. Total number of a	applications and patents inv	volved: <u>1</u>
		Enclosed Authorize 8. Deposit account n	ed to be charged to deposit number: 501505/5800-0540 copy of this page if paying	account 00/LJM
	DO NOT USE	THIS SPACE		
9. Statement and Signature.  To the best of my knowledge and belief, the foregoin	g information is true and	egrect gni ghy guache	ed copy is a true copy of th	e original document.
Lawrence J. Merkel Name of Person Signing Reg. No. 41,191	Signature	N/V	(	October 15, 2004 Date  Total number of pages:9
OMB No. 0651-011 (exp.4/94)				· · · <u>=</u>
0/22/2004 GTON11 00000074 501505 10966466				

PATENT REEL: 015906 FRAME: 0837

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to <u>ADVANCED MICRO DEVICES, INC.</u> (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at <u>One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088</u>, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled <u>CORE REDUNDANCY IN A CHIP MULTIPROCESSOR FOR HIGHLY RELIABLE SYSTEMS</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

Page 1 of 4

H216
(Signature) Wydhyanathan Kalyanasundharam  Date: October 14,2004
STATE OF California §
COUNTY OF Santa Chara §
BEFORE ME, the undersigned authority, on this day of
WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005  WINONA C. ORANGE Notary or Consular Officer Notary or Consular Officer Santa Clara County My Comm. Expires Apr 1, 2005
(Signature) Date: O 14/04 Name: Whitem A. Hughes
STATE OF California & COUNTY OF Santa Clarge
COUNTY OF Janta Claras
BEFORE ME, the undersigned authority, on this \( \frac{1}{200} \), personally appeared \( \frac{1}{200} \) \( \frac{1}{200} \), personally known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that \( \frac{1}{100} \), executed the same of
his own free will for the purposes and consideration therein expressed.
WINONA C. ORANGE Commission # 1298145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005

Page 2 of 4

(Signature) Name: Philip E. Madrid	Date:
STATE OF	
BEFORE ME, the undersigned authorappeared subscribed to the foregoing instrument and a his own free will for the purposes and considerable purposes.	ority, on this day of, 20, personally known to me to be the person whose name is acknowledged to me that he/she executed the same of deration therein expressed.
[SEAL]	Notary or Consular Officer
(Signature) Name: Scott A. White	Date:
STATE OF § COUNTY OF §	
appeared	ority, on this day of, 20, personally known to me to be the person whose name is cknowledged to me that he/she executed the same of the eration therein expressed.
[SEAL]	Notary or Consular Officer

Page 3 of 4

(Signature) Oct. 14, 2004 Name: Ajay Naini Date: Oct. 14, 2004
STATE OF Californis & COUNTY OF Santa Chra &
COUNTY OF SUNTACIATION §
BEFORE ME, the undersigned authority, on this day of, 20, personally appeared known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he she executed the same of his own free will for the purposes and consideration therein expressed.
Notary or Consular Officer
WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005

Lawrence J. Merkel
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to <u>ADVANCED MICRO DEVICES, INC.</u> (the "Assignee"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having its principal place of business at <u>One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088</u>, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith, and is entitled <u>CORE REDUNDANCY IN A CHIP MULTIPROCESSOR FOR HIGHLY RELIABLE SYSTEMS</u>, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

COVENANT AND AGREE that the above is and will be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assigns.

(Signature) Name: Vydhyanathan Kalyanasundharam	Date:
STATE OF §  COUNTY OF §	
BEFORE ME, the undersigned authority, of appeared subscribed to the foregoing instrument and acknow his own free will for the purposes and consideration	on this day of, 20, personally _ known to me to be the person whose name is vledged to me that he/she executed the same of on therein expressed.
[SEAL]	Notary or Consular Officer
(Signature) Date: Name: William A. Hughes	
STATE OF §  COUNTY OF §	
BEFORE ME, the undersigned authority, of appearedsubscribed to the foregoing instrument and acknow his own free will for the purposes and consideration	
[SEAL]	Notary or Consular Officer

(Signature) Many Date: 10/13/04 Name: Philip E. Madrid
STATE OF Jelan & COUNTY OF Jovis &
BEFORE ME, the undersigned authority, on this /3tday of
SUSAN K. INGRAM Notary or Consular Officer  JUNE 6, 2008
(Signature) Scott A. White Date: 10/13/04
STATE OF <u>Planes</u> § COUNTY OF <u>Travis</u> §
BEFORE ME, the undersigned authority, on this 13th day of Offpersonally appeared 500 the his whose name is subscribed to the foregoing instrument and acknowledged to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.
SUSAN K. INGRAM MY COMMISSION EXPIRES JUNE 6, 2008  SUSAN K. INGRAM Notary or Consular Officer

(Signature)	Date:
Name: Ajay Naini	
STATE OF §	
COUNTY OF §	
appeared	hority, on this day of, 20, personally known to me to be the person whose name is acknowledged to me that he/she executed the same or
his own free will for the purposes and cons	ideration therein expressed.
[SEAL]	Notary or Consular Officer

Lawrence J. Merkel
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.
P.O. Box 398
Austin, TX 78767-0398

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PATENT REEL: 015906 FRAME: 0845