FORM PTO-1595 11-29-1998	U.S. DEPARTMENT OF COMMERCE
MRD 11 22 99	Patent and Trademark Office EET
To the Honorable Commissioner of Patents and 101210337	ments or copy thereof.
1. Name of conveying party(i)	Name and address of receiving party(ies):
James B. Keller NOV 2 2 1999	Name: Advanced Micro Devices, Inc.
Keith R. Schakel	Internal Address:
Francis M. Matus	
Additional name(s) of conveying party(ies) attached?yes No	Street Address: One AMD Place
	City Sunnyvale State CA ZIP 94088
	Additional name(s) & address(es) attached? Yes No
3. Nature of Conveyance:	
Assignment Merger Security Agreement Change of Name	
Other	
Execution Date: 9/30/99, 11/16/99, and 11/12/99	
Application number(s) or patent number(s):     If this document is being filed together with a new application, the execution of the exec	date of this application is: 9/30/99, 11/16/99, and 11/12/99
A. Patent Application No.(s) 09/418,098 filed October 14, 1999 Additional numbers attached? Yes No	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Lawrence J. Merkel	
Internal Address: Conley, Rose & Tayon, P.C.	
Street Address: P.O. Box 398	
City Austin State TX ZIP 78767-0398	7. Total fee (37 CFR 3.41):
and the state of t	Enclosed
( Table )	Authorized to be charged to deposit account
	8. Deposit account number: (Attach a duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
9 Statement and Signature.	
To the best of my knowledge and belief, the foregoing information is true and	correct and alty attached copy is a true copy of the original document.
Lawrence J. Merkel + Lawrence J. Merkel	November 19, 1999 Date
Name of Person Signing Reg. No. 41,191	Total number of pages:13
OMB No. 0651-011 (exp.4/94)	

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

SELL, ASSIGN AND TRANSFER to ADVANCED MICRO DEVICES, INC. (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 One AMD Place, P.O. Box 3453, Sunnyvale, CA 94088, 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 LINE PREDICTOR OPTIMIZED FOR BRANCHES AND MICROCODE, 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 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;

(Signature) Date: Name: James B. Keller	9/30/99 TT3414
STATE OF CALIDONIA S SANTA S COUNTY OF CLARA S	
BEFORE ME, the undersigned authority, or appeared AMES B. TELLER subscribed to the foregoing instrument and acknow his own free will for the purposes and consideration	n this 30 day of 50 tom, 1991, personally known to me to be the person whose name is ledged to me that he she executed the same of a therein expressed.
WINONA G. ORANGE Commission # 1127967 Notery Public — Collomia County ires Apr 1, 2001	Notary or Consular Officer
(Signature) Date: Name: Puneet Sharma	WINONA C. CRANGE Commission # 1127987 Notary Public — California Santa Clara County My Commission # 2001
STATE OF	
BEFORE ME, the undersigned authority, or appearedsubscribed to the foregoing instrument and acknow his own free will for the purposes and consideration	known to me to be the person whose name is ledged to me that he/she executed the same of a therein expressed.
[SEAL]	Notary or Consular Officer

(Signature)	Date:	
Name: Keith R. Schakel		
STATE OF		
COUNTY OF §		
BEFORE ME, the undersigned appeared subscribed to the foregoing instrument his own free will for the purposes and		, 19, personally the person whose name is e/she executed the same of
[SEAL]	Notary or Consula	r Officer
(Signature)Name: Francis M. Matus	Date:	
STATE OF		
BEFORE ME, the undersigned appeared subscribed to the foregoing instrument his own free will for the purposes and	t and acknowledged to me that he	the person whose name is
[SEAL]	Notary or Consula	r Officer

Page 3 of 3

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(Signature)	Date:
Name: James B. Keller	
STATE OF §	
COUNTY OF §	
BEFORE ME, the undersigned appeared subscribed to the foregoing instrument this own free will for the purposes and c	authority, on this day of, 19, personally known to me to be the person whose name is and acknowledged to me that he/she executed the same of consideration therein expressed.
[SEAL]	Notary or Consular Officer
(Signature)  Name: Puneel Sharma	Date: November 16, 1999
STATE OF REPUBLIC OF SINGAPORE  CHY OF SINGAPORE  EMBASSY OF THE  EMBASSY OF THE  EMBASSY OF THE	SS.
anneared Puneet Sharma	authority, on this lethday of November, 1999, personally known to me to be the person whose name is and acknowledged to me that he/she executed the same of consideration therein expressed.
	June C. Deske
[SEAL]	June E. Geake Vice Consul of the  United States of America

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(Signature) Date:	
Name: James B. Keller	
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COUNTY OF §	
BEFORE ME, the undersigned authority, on thi	s day of . 19 personally
be the time time to the time t	own to me to be the person whose name is
appeared knowledge knowled	and the weather the false assessment of the games of
subscribed to the foregoing instrument and acknowledg	ed to me that ne/sne executed the same of
his own free will for the purposes and consideration the	rein expressed.
No	tary or Consular Officer
[SEAL]	
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Ata	
(Signature) Date: Nov	ember 16, 1999
Name: Puneel Sharma	
COLANDO REPERENCE SERVAPORE )	
STATEOR REPONDENCY SINGAPORE )  CHY THE SINGAPORE )  EMBASSY OF THE )  SS.  COUNTY DE STATES OF AMERICA )	
EMBASSY OF THE SS:	
COURTED STATES OF AMERICA )	
BEFORE ME, the undersigned authority, on th	islethday of November, 1999, personally
appeared Puneet Sharma kno	own to me to be the person whose name is
subscribed to the foregoing instrument and acknowledge	
his own free will for the purposes and consideration the	
ms own nee win for the purposes and consideration the	nom expressed.
	fune O. Geske
<b>1%</b>	darý or Consular Officer June E. Geakê
[SEAL]	Vice Consul of the
	Vice Collina of America

(Signature)	Date:
(Signature)Name: Keith R. Schakel	
STATE OF	
COUNTY OF §	
BEFORE ME, the undersigned authappearedsubscribed to the foregoing instrument and his own free will for the purposes and cons	hority, on this day of, 19, personally known to me to be the person whose name is acknowledged to me that he/she executed the same of ideration therein expressed.
[SEAL]	Notary or Consular Officer
(Signature) Name: Francis M. Matus	Date:
STATE OF	
COUNTY OF §	
BEFORE ME, the undersigned authappearedsubscribed to the foregoing instrument and his own free will for the purposes and cons	known to me to be the person whose name is acknowledged to me that he/she executed the same of
ICE AT 1	Notary or Consular Officer
[SEAL]	

Page 3 of 3

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(Signature)	Date:
Name: James B. Keller	
STATE OF	
g g	
BEFORE ME, the undersigned appearedsubscribed to the foregoing instrument a his own free will for the purposes and co	authority, on this day of, 19, personally known to me to be the person whose name is and acknowledged to me that he/she executed the same of onsideration therein expressed.
[SEAL]	Notary or Consular Officer
(Signature) Name: Puneet Sharma	Date:
STATE OF	
COUNTY OF §	
appeared	authority, on this day of, 19, personally known to me to be the person whose name is and acknowledged to me that he/she executed the same of onsideration therein expressed.
	Notary or Consular Officer
[SEAL]	• •

(Signature) Heath W. Falahel Date: 11/	12/99
STATE OF <u>California</u> § COUNTY OF <u>Santa Cla</u> a§	
BEFORE ME, the undersigned authority, on the appeared <u>kith R. Schaled</u> known subscribed to the foregoing instrument and acknowledge his own free will for the purposes and consideration the	ed to me that he/she executed the same of
MORENA G. PACHECO Commission # 1230694 Notary Public - California Santa Clara County My Comm. Expires Jul 30, 2003	Morera H. Pacher tark or Consular Officer
(Signature) Date: Name: Francis M. Matus	
STATE OF	
BEFORE ME, the undersigned authority, on the appearedknown known	own to me to be the person whose name is ged to me that he/she executed the same of
[SEAL]	otary or Consular Officer

Page 3 of 3

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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 3

1

(Signature) Date:	•
Name: James B. Keller	
STATE OF	
COUNTY OF §	
BEFORE ME, the undersigned authority, appeared subscribed to the foregoing instrument and acknow his own free will for the purposes and consideration	on this day of, 19, personally _ known to me to be the person whose name is wledged to me that he/she executed the same of on therein expressed.
[SEAL]	Notary or Consular Officer
(Signature) Date: Name: Puneet Sharma	·
STATE OF	
COUNTY OF §	
BEFORE ME, the undersigned authority, appeared	
[SEAL]	Notary or Consular Officer

Page 2 of 3

I

(Signature)	Date:
Name:	Keith R. Schakel
STATE OF	
COUNTY OF	§
appearedsubscribed to the	RE ME, the undersigned authority, on this day of, 19, personally known to me to be the person whose name is the foregoing instrument and acknowledged to me that he/she executed the same of ill for the purposes and consideration therein expressed.
[SEAL]	Notary or Consular Officer
	Francis M. Marus  Date: 11 12 99  Reliberia 8
COUNTY OF	Palifornia 8 Santa Chara 8
appeared Fr subscribed to t	RE ME, the undersigned authority, on this the day of the person whose name is the foregoing instrument and acknowledged to me that he/she executed the same of ill for the purposes and consideration therein expressed.
[SEAL]	MORENA G. PACHECO Commission # 1230694 Notary Public - California Santa Clara County My Comm. Expires Jul 30, 2003  MORENA G. PACHECO Commission # 1230694 Notary or Consular Officer Notary or Consular Officer

Page 3 of 3

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