4-30-01

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05-09-2001



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To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):

Marina V. Plat Scott A. Bell Christopher F. Lyons Ramkumar Subramanian Bhanwar Singh

2. Name and address of receiving party(ies):

Advanced Micro Devices, Inc. One AMD Place 1160 Kern Avenue

Additional conveying party(ies)

NO

3. Nature of conveyance:

ASSIGNMENT

Execution Date: 04/25/2001,04/24/2001, 04/23/2001, 04/23/2001, & 04/23/2001 Respectively 09845656

Sunnyvale, CA 94088

Additional name(s) & address(es) attached?

4. Application number(s) or patent number(s):

If this is being filed together with a new application, the execution date of the application is:

04/25/2001, 04/24/2001, 04/23/2001, 04/23/2001, & 04/23/2001 Respectively

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? NO

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

> Paul S. Hunter FOLEY & LARDNER Firstar Center 777 East Wisconsin Avenue Milwaukee, Wisconsin 53202-5367

6. Total number of applications/patents involved:

7. Total fee (37 C.F.R. § 3.41):

\$40.00

X Check Enclosed

Charge to deposit account

8. Deposit account number:

06-1447

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9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. The Commissioner is hereby authorized to charge any additional recordation fees which may be required in this matter to the above-identified deposit account.

Paul S. Hunter

Name of person signing

Signature

5/08/2001 LMUELLER 600<mark>00324 09845656</mark>

 $_{40.00}$ Motal number of pages including cover sheet, attachments, and document: 7

001.999323.1

PATENT

REEL: 011766 FRAME: 0226

ASSIGNMENT AND AGREEMENT

WHEREAS, Marina V. Plat of 4620 Corrida Circle, San Jose, CA 95129, Scott A. Bell of 2313 Stokes Street, San Jose, CA 95128, Christopher F. Lyons of 42681 Lerwick Street, Fremont, CA 94539, Ramkumar Subramanian of 1155-D LaRochelle Terr., Sunnyvale, CA 94089, and Bhanwar Singh of 17122 Heatherwood Way, Morgan Hill, CA 95037, (hereinafter referred to singly and collectively as "ASSIGNOR") have invented a certain invention entitled USE OF SILICON CONTAINING IMAGING LAYER TO DEFINE SUB-RESOLUTION GATE STRUCTURES (Atty. Dkt. No. 39153/366 (F0807)) for which an application for United States Letters Patent was executed by ASSIGNOR concurrently herewith; and

WHEREAS, Advanced Micro Devices, Inc., a corporation duly organized and existing under the laws of the State of Delaware, and having its principal place of business at One AMD Place, 1160 Kern Avenue, Sunnyvale, CA 94088 (hereinafter referred to as "ASSIGNEE") is desirous of acquiring the entire interest therein;

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto ASSIGNEE, its successors and assigns, the full and exclusive right, title, and interest in and to (a) the above-identified invention or inventions and all improvements and modifications thereof, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for the above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representatives or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, declarations, depositions; and (d) to provide all reasonable assistance

Page 1 of 6

to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner do not personally represent ASSIGNOR or ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 25 day of April , 2001.

, 2001, before me, a notary public in and for said county, appeared Marina V. Plat, who is personally known to me to be the same person whose name is subscribed to the foregoing

instrument, and he(sh) acknowledged that be/she signed, sealed, and delivered the said instrument as his (her) free and voluntary act for the uses and purposes therein set forth.

(Seal)

WINONA C. ORANGE Commission # 1296145 Notary Public - California Santa Clara County My Comm. Expires Apr 1, 2005

My Commission Expires:

Executed thi	s 24 day of April	, 20 <u><i>0[</i></u> .	
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State of Californi	, a	Scot	t A. Bell
ath	lara)ss.		
instrument, and he) the ack	y of, 20 <u>01, b</u> nally known to me to be the same p nowledged that he she signed, seal and purposes therein set forth.	person whose name is subso	n and for said county, appeared cribed to the foregoing nstrument as his her free and
		Vinne	a C. Crange
(0 - 1)	WINONA	C. ORANGE My Commiss	Notary Public Sion Expires: 04 01 05
(Seal)	Notary Pub Santa C	Dic - Catifornia	

Executed th	is <u>23</u> day of	April1	, 20 <u>6[</u> .	1	//	
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State of California	•		С	hristophe	r F. Lyons	
County of	Jake 1	20 <i>(</i>)) h	efore me, a notar	ry public in a	nd for said cou	inty appeared
Christopher F. Lyons, who instrument, and he she ac voluntary act for the uses	is personally known knowledged that he	to me to be the	same person wh	ose name is	subscribed_to	the foregoing
·				inona	C. Ur	rnge
	-	WINON		y Commissior	Notary Public	101/05
(Seal)		WINONA C. C Commission # Notary Public -	1296145 Z			11 1
	M	Santa Clara (y Comm. Expires	Apr 1, 2005			

Executed this 23 day of April , 20 6	
	Colon
State of almin y	Ramkumar Subramanian
County of Sarta Clarg Iss.	
On this 23 day of 70(1 , 200), before me, a no Ramkumar Subramanian, who is personally known to me to be the same personally instrument, and he had acknowledged that he signed, sealed, a	
free and voluntary act for the uses and purposes the ein set forth.	Winna C. Change
WINONA C. ORANGE	Notary Public My Commission Expires: April 12005
(Seal) Commission # 1296145 Notary Public - California S Santa Clara County My Comm. Expires Apr 1, 2005	1

Executed this 32 day of March, 200

ate of Call W4N a

Sounty of Santa Clarea 15

On this 23 day of ________, 2001, before me, a notary public in and for said county, appeared Bhanwar Singh, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, and he has acknowledged that he signed, sealed, and delivered the said instrument as his her free and voluntary act for the uses and purposes therein set forth.

Notary Publi

My Commission Expires:

(Seal)

WINONA C. ORANGE
Commission # 1296145
Notary Public - California
Santa Clara County
My Comm. Expires Apr 1, 2005