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FORM PTO-1596 RECO		J.S. DEPARTMENT OF COMMERCE
1-31-92	101525050	Patent and Trademark Office
	NTS ONLY	1
To the Honorable Commissioner of Patents and Trademark	2. Name and address of receiving	
The of Conveying Parties:	Name: Advanced Micro Devi	
PATON , Matthew S. BYUNOSKI, Paul R. BESSER,	Name: Advanced Micro Devi	ices, mc.
L KING, and Qi XIANG	Address One AMD Place	
	Address: One AMD Place	
inal name(s) of conveying party(ies) attached? Yes	P.O. Box 3453	04000 2452
3. Nature of Conveyance:	Sunnyvale, California	1 94088-3453
Assignment Merger		
Security Agreement Change of Name		
Other		
Execution Date: October 16, October 3 and October 4, 2000	Additional name(s) & address(es)	attached? \Box Yes
4. Application number(s) or patent number(s):	Additional name(s) & address(cs)	
4. Application number(s) of patent number(s). If the document is being filed together with a new application	the execution date of the application	n is: October 16, October 3 an
If the document is being med together with a new apprearion	, the execution date of the appreation	October 3, 2000
A Defect Annihistor Ma(a)	B. Patent No(s).	0010001 5, 2000
A. Patent Application No(s).	$\mathbf{B}. \mathbf{Faterit} \mathbf{NO}(\mathbf{S}).$	
Additional num	bers attached? 🗌 Yes	
5. Name and address of party to whom correspondence	6. Total number of applications as	nd patents involved: 1
concerning document should be mailed:		
-	7. Total fee (37 CFR 3.41)	\$40.00
Name: MCDERMOTT, WILL & EMERY	Enclosed	φ10.00
Internal Address:	\square Authorized to be charged to	o de n osit account
Charles COO 12th Street N W	8. Deposit account number:	o deposit decount
Street Address: 600 13 th Street, N.W.	500417	
C: IV. 1:	500417	
City: Washington State: DC Zip: 20005		
DO NOT	USE THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing i	nformation is true and correct and an	y attached copy is a true copy
of the original document.	• · · · · · · · · · · · · · · · · · · ·	
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Daniel Bucca, 42,368	Kan Roman	October 19, 2000
Name and Registration No. of Person Signing	Signature	Date
	Total number of pages comprising	cover sheet: 1
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	P	ATENT

PATENT REEL: 011249 FRAME: 0355

ASSIGNMENT

WHEREAS WE, Eric Paton, Mathhew S. Byunoski, Paul R. Besser, Paul L. King, Qi Xiang of 498 Rio Grant Ct; Morgan Hill, CA. 95037; 2607 Emerson St., Palo Alto, CA 94306; 3407 Rosefinch Trl., Austin, TX 78746; 1376 Snow St, Mountain View, CA 94041; and 1119 Thames Drive; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGH DIELECTRIC CONSTANT MATERIALS AS GATE DIELECTRICS, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of Delaware and having an address of One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Advanced Micro Devices, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Advanced Micro Devices, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

> PATENT REEL: 011249 FRAME: 0356

	10/16/00	
Date	Eric Paton	
3 October 2000	Mend I.S.	
Date	Matthew S. Byunoski	
Date	Paul R. Besser	
$\frac{0 3 00}{\text{Date}}$	Paul L. King Aul L. King Caul L. King	
Date	Paul L. King	
10/4/00	s uv	
Date	Qi Xiang	
STATE OF CALIFORNIA)		
Santa) SS: COUNTY OF <u>Clara</u>)		
	North Carlos Carlos	
On October 16, 2000 before me, WINDNA C. ORANGE, Publie,		
personally appeared <u>Eric Paton</u> , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person()		
whose name sy is are subscribed to the within instrument and acknowledged to me that he she they		
executed the same in (his/her/their authorized capacity(ies), and that by (his/her/their signature(s) on		
the instrument the person(), or the entity upon behalf of which the person() acted, executed the		
instrument.		
WITNESS my hand and official seal.		

Minona C. Mange	(signature of Notary)	(seal of Notary)
My commission expires	1, 2001	
ų.		WINONA C. OPANOE



STATE OF CALIFORNIA) \Im_{x_1,x_2}) SS:
COUNTY OF CLARA
On October 3, 2000 before me, WINDNA C. ORANGE, Public, personally appeared Matthew S. Byunoski
personally appeared <u>Matthew S. Byunoski</u> ,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(x) whose name(x) is are subscribed to the within instrument and acknowledged to me that he she/they executed the same in his/her/their authorized capacity(is), and that by his/her/their signature(x) on
the instrument the person(x), or the entity upon behalf of which the person(x) acted, executed the
instrument.
WITNESS my hand and official seal.
Winana C. Mange (signature of Notary) (seal of Notary)
My commission expires April 2001
Some Collionia
And the second s
STATE OF CALIFORNIA)) SS:
COUNTY OF)
On before me,,
personally appeared Paul R. Besser
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s)
whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on
the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the
instrument.
WITNESS my hand and official seal.

(signature of Notary)

My commission expires _____

(seal of Notary)

STATE OF CALIFORNIA)	
Santa)SS:	
COUNTY OF <u>Clara</u>	$\hat{\mathbf{n}}$
On <u>OCTUDER</u> 3, 2000 before me, <u>WINA C. ORA</u> personally appeared <u>Paul L. King</u> personally known to me (or proved to me on the basis of satisfactory evic whose name(x) (is) are subscribed to the within instrument and acknowledg executed the same in his her/their authorized capacity(is), and that by his	lence) to be the person(x) ed to me that he) she/they
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WITNESS my hand and official seal. Winona (signature of Notary)	(seal of Notary)
My commission expires $\beta R = 1 - 2 (1)$	
STATE OF CALIFORNIA	WINDNA C. ORANGE Commission # 1127-67 Notary Public — California Santa Clara County
Santa Iss:	My Comm. Expires Apr 1, 2001
COUNTY OF Clara	
On October 4, 2000 before me, WINONA C. Or personally appeared Qi Xiang	LANGE, Public
personally known to me (or proved to me on the basis of satisfactory evide	ence) to be the person()
whose name(s) is/are subscribed to the within instrument and acknowledge	d to me that he she there
executed the same in (his her/their authorized capacity (jes), and that by his	her/their signature(x) on
the instrument the person(3), or the entity upon behalf of which the perso instrument.	$n(\mathbf{x})$ acted, executed the
WITNESS my hand and official seal.	
Minma C. Mange (signature of Notary)	(seal of Notary)

2001

, de

My commission expires



ASSIGNMENT

WHEREAS WE, Eric Paton, Mathhew S. Byunoski, Paul R. Besser, Paul L. King, Qi Xiang of 498 Rio Grant Ct; Morgan Hill, CA. 95037; 2607 Emerson St., Palo Alto, CA 94306; 3407 Rosefinch Trl., Austin, TX 78746; 1376 Snow St, Mountain View, CA 94041; and 1119 Thames Drive; respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled HIGH DIELECTRIC CONSTANT MATERIALS AS GATE DIELECTRICS, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of Delaware and having an address of One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto Advanced Micro Devices, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Advanced Micro Devices, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date	Eric Paton	. <u></u>
Date	Matthew S. Byunoski	
10/16/00	Paul R Bes	m
Date	Paul R. Besser	
Date	Paul L. King	
Date	Qi Xiang	
STATE OF CALIFORNIA)) SS: COUNTY OF)		
COUNTY OF)		
On befo	ore me,	
personally appeared <u>Eric Paton</u> personally known to me (or proved to me whose name(s) is/are subscribed to the wit executed the same in his/her/their authoriz- the instrument the person(s), or the entity instrument.	on the basis of satisfactory evidentiation of satisfactory evidentiation of the basis of satisfactory evidentiation of the basis of the	dence) to be the person(s) ged to me that he/she/they s/her/their signature(s) on
WITNESS my hand and official seal.		
	(signature of Notary)	(seal of Notary)

My commission expires _____

STATE OF CALIFORNIA)		
) SS: COUNTY OF)		
On be personally appeared <u>Matthew S. Byunosk</u>	fore me,	······································
personally appeared <u>Matthew S. Bythosk</u> personally known to me (or proved to m whose name(s) is/are subscribed to the w executed the same in his/her/their author the instrument the person(s), or the entit instrument.	e on the basis of satisfactory evidentiation of the basis of satisfactory evidentiation of the basis of the b	dence) to be the person(s) ged to me that he/she/they is/her/their signature(s) on
WITNESS my hand and official seal.		
	(signature of Notary)	(seal of Notary)
My commission expires		
TEYQS STATE OF CALIFORNIA)		

On UCTOBEL 16, 2000 before me, Samarita A. Cardera, personally appeared Paul R. Besser

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

1) \| \

My commission expires



(signature of Notary)

STATE OF CALIFORNIA)	
COUNTY OF) SS: _)	
personally appeared <u>Paul L. K</u> personally known to me (or p whose name(s) is/are subscrib executed the same in his/her/t	roved to me on the basis of satisfactory e ed to the within instrument and acknowle heir authorized capacity(ies), and that by or the entity upon behalf of which the p	evidence) to be the person(s) edged to me that he/she/they his/her/their signature(s) on
·	(signature of Notary)	(seal of Notary)
My commission expires STATE OF CALIFORNIA)	
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personally appeared <u>Qi Xiang</u> personally known to me (or p whose name(s) is/are subscrib executed the same in his/her/t	roved to me on the basis of satisfactory e ed to the within instrument and acknowle heir authorized capacity(ies), and that by or the entity upon behalf of which the p	vidence) to be the person(s) edged to me that he/she/they his/her/their signature(s) on
	(signature of Notary)	(seal of Notary)

My commission expires _____