FORM PTO-1595 1-31-92

1. Name of conveying party(ies): Mark I. Gardner Mark C. Gilmer

MRD 574.98

3. Nature of Conveyance:

05-22-1998



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

1007 To the Honorable Commissioner of Patents and Trademar.

Additional name(s) of conveying party(ies) attached? Yes No

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

A. Patent Application No.(s) B. Patent No.(s)

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

City Austin State TX ZIP 78767-0398

Internal Address: Conley, Rose & Tayon, P.C.

Name: Kevin L. Daffer

Street Address: P.O. Box 398

05/19/1998 KDUNCAN 00000052 05078797

9. Statement and Signature.

OMB No. 0651-011 (exp.4/94)

	Atty Dkt. 5500-26900
Honorable Commissioner of Patents and Trademar.	100717665 opy thereof.
me of conveying party(ies):	2. Name and address of receiving party(ies):
Mark I. Gardner Mark C. Gilmer	Name: Advanced Micro Devices, Inc. Internal Address:
ional name(s) of conveying party(ies) attached? Yes No	Street Address: One AMD Place
PD 574-98 ture of Conveyance:	City Sunnyvale State CA ZIP 94088 Additional name(s) & address(es) attached? Yes
Assignment	
plication number(s) or patent number(s):	
If this document is being filed together with a new application, the	e execution date of this application is: May 14, 1998
Patent Application No.(s) B. Patent No.(s) Additional nu	umbers attached? Yes No
me and address of party to whom correspondence neering document should be mailed:	6. Total number of applications and patents involved:
Kevin L. Daffer	
al Address: Conley, Rose & Tayon, P.C.	
Address: P.O. Box 398	
Austin State <u>TX</u> ZIP <u>78767-0398</u>	7. Total fee (37 CFR 3.41):
1998 KDUNCAN 00000052 05078797 DC	O NOT USE THIS SPACE
591 40.00 GP	
tement and Signature. To the best of my knowledge and belief, the foregoing information	is true drate or feet and any attached copy is a true copy of the original document.
Kevin L. Daffer	May 14, 1998
Name of Person Signing Reg. No. 34,146	Signature Date Total number of pages comprising cover sheet: 3

PATENT

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</u>, 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 <u>One AMD Place</u>, <u>P.O. Box 3453</u>, <u>Sunnyvale</u>, <u>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 "INCORPORATING BARRIER ATOMS INTO A GATE DIELECTRIC USING GAS CLUSTER ION BEAM IMPLANTATION", 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; and

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 Assignee.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

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PATENT

REEL: 9177 FRAME: 0644

112435/2436
(Signature) Mark I. Gardner Date: 5/12/98 Name: Mark I. Gardner
STATE OF § COUNTY OF Travis §
BEFORE ME, the undersigned authority, on this 12 day of 1977, personally appeared Mark I. Gardner known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed.
LORI MACKINNON MY COMMISSION EXPIRES April 29, 2000 Notary or Consular Officer
(Signature) Mark C. Gilmer Date: 5-12-98
STATE OF § COUNTY OF Travis §
BEFORE ME, the undersigned authority, on this day of and and and appeared Mark C. Gilmer known to me to be the person whose name is subscribed to the foregoing instrument and acknowledge to me that he/she executed the same of his own free will for the purposes and consideration therein expressed. [SEAI] BETTY S. SMITH MY COMMISSION EXPIRES April 19, 2002 Notary or Consular Officer

Kevin L. Daffer Conley, Rose & Tayon, P.C. P.O. Box 398 Austin, TX 78767-0398 (512)476-1400

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PATENT

RECORDED: 05/14/1998 REEL: 9177 FRAME: 0645