| FORM PTO-1595 | ***** | 08-02- | 2001 | U.S. Department of Co | mmorae | |
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| (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) | | | | Patent and Trademark O | | |
| | onorable Commiss | 101796 | M M 1339M 19434EM 1139EM 1113 1M M 1 | riginal document or copy thereof. | LIICE O | |
| Name of conveying part | ty(ies): | 101190 | 1 | ss of receiving party(ies): | vi. | |
| Thomas J. Sonderman and | | $_{\rm ski}$ | | ced Micro Devices, Inc. | 5 | |
| | , | | | , | 5.00 | |
| Additional name(s) of conveying party(ies) attached? Yes No | | | Internal Address | | J.C. | |
| Nature of conveyance: Assignment | Merge | | Street Address: | 5204 E. Ben White Blvd. | | |
| Security Agreement | | ge of Name | City: Austin State: TX Zip: 78741 | | | |
| Other Execution Date: Both on July 1 | 9, 2001 | | Additional name(s) & address(es) attached? Yes No | | | |
| 4. Application number(s) or registra | ation number(s): | NEW APPLI | ICATION | | | |
| If this document is being filed togeth | her with a new applica | ation, the execution date of t | the application is: Both | on July 19, 2001 | | |
| A. Patent Application No.(s): | | | B. Patent No.(s): | 1 · · · · · · · · · · · · · · · · · · · | | |
| | | Additional numbers attac | shed? Yes No | 09/9/1280 | j | |
| Name and address of party to whom correspondence concerning document should be mailed: | | | 6. Total number of applications and patents involved: 1 | | | |
| Name: J. Mike Amerson Williams, Morgan & Amerson, P.C. 7676 Hillmont, Suite 250 City: Houston State: Texas Zip: 77040 | | | 7. Total fee (37 C.F.R. 3.41) | | | |
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| J. Mike | Amerson hing, Reg. No. 35,426 | information is true and sor | Much Physigan Sign | | 23/01 Pate | |
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PATENT REEL: 012020 FRAME: 0675

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 ADVANCED MICRO DEVICES, INC. (the "Assignee"), a corporation of Delaware, having a place of business at 5204 East Ben White Boulevard, Austin, Texas 78741, 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 "METHOD OF FORMING A GATE INSULATION LAYER FOR A SEMICONDUCTOR DEVICE BY CONTROLLING THE DURATION OF AN ETCH PROCESS, AND SYSTEM FOR ACCOMPLISHING SAME," 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;

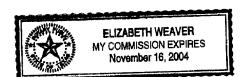
COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful 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 vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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

| Signature: THOMAS J. SON | DERMAN | Date: | <i>)</i> |
|--------------------------|----------------------|------------------------|-------------|
| STATE OF TEXAS |) | | |
| |) ss. | | |
| COUNTY OF TRAVIS |) | | |
| DEEODE ME thou | adaraianad authority | on this 19 day of Mall | 2001 nerson |

BEFORE ME, the undersigned authority, on this day of _______, 2001, personally appeared THOMAS J. SONDERMAN, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]



otary Public in and for the State of Texas

PATENT REEL: 012020 FRAME: 0676

| Signature: MATTHEW RYSH | Rystoski | Date: 7/19/ | 200] |
|---------------------------------------|---------------------------------------|-------------------------------|--------------------------------|
| STATE OF TEXAS |) | | |
| COUNTY OF TRAVIS |) ss.) | | |
| acknowledged to me that he expressed. | executed the same of h | on whose name is supscribed t | oses and consideration therein |
| | LIZABETH WEAVER COMMISSION EXPIRES | | |
| N S MY | November 16, 2004 | | |

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PATENT REEL: 012020 FRAME: 0677