

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| Ashot Melik-Martirosian | 02/18/2005 |
| Takashi Orimoto | 03/15/2005 |
| Mark T Ramsbey | 02/22/2005 |

RECEIVING PARTY DATA

| | |
|-------------------|---------------|
| Name: | SPANSION LLC |
| Street Address: | One AMD Place |
| Internal Address: | P.O. Box 3453 |
| City: | Sunnyvale |
| State/Country: | CALIFORNIA |
| Postal Code: | 94088-3453 |

| | |
|-------------------|------------------------------|
| Name: | Advanced Micro Devices, Inc. |
| Street Address: | One AMD Place |
| Internal Address: | P.O. Box 3453 |
| City: | Sunnyvale |
| State/Country: | CALIFORNIA |
| Postal Code: | 94088-3453 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 11112884 |

CORRESPONDENCE DATA

Fax Number: (216)621-6165
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 2166211113
 Email: jworgull@rennerotto.com
 Correspondent Name: Jason A Worgull

CH \$40.00 11112884

Address Line 1: Renner, Otto, Boisselle & Sklar, LLP
Address Line 2: 1621 Euclid Avenue, Nineteenth Floor
Address Line 4: Cleveland, OHIO 44115-2191

NAME OF SUBMITTER:

Jason A Worgull

Total Attachments: 5

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ASSIGNMENT

For good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the undersigned

Ashot Melik-Martirosian, 655 S. Fair Oaks Ave., Apt. F-306, Sunnyvale, CA 94086
Mark T. Ramsbey, 402 Cumulus Avenue, Sunnyvale, CA 94087

hereby sell(s) and assign(s) to SPANSION LLC, a limited liability company of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

MEMORY CELL HAVING COMBINATION RAISED SOURCE AND DRAIN AND METHOD OF FABRICATING SAME

for which application for United States Letters Patent has been filed on 04/22/2005 under Serial No. 11/112,884, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, and all United States provisional patent applications on which priority is claimed, including but not limited to, application Serial No. _____, filed on _____, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the

history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Signed:

Date:

Ashot Melik-Martirosian

02/18/05

Ashot Melik-Martirosian

Mark T. Ramsbey

2/22/05

Mark T. Ramsbey

CERTIFICATE OF ACKNOWLEDGMENT

State of California

County of Santa Clara

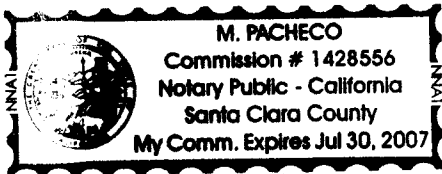
On Feb. 18, 2005 before me, M. Pacheco Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Ashot Melik-Martirosian
Name of Signer

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.

M. Pacheco
Signature of Notary Public



CERTIFICATE OF ACKNOWLEDGMENT

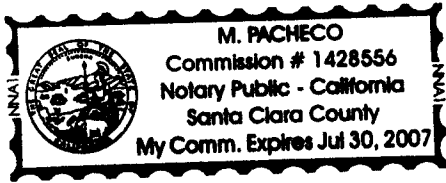
State of California

County of Santa Clara

On Feb. 22, 2005 before me, M. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Mark T. Ramsbey
Name of Signer

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.

M. Pacheco
Signature of Notary Public

ASSIGNMENT

For good and valuable consideration, receipt and sufficiency of which are hereby acknowledged, the undersigned

Takashi Orimoto, 2501 W. Middlefield Road, Mountain View, CA 94045

hereby sell(s) and assign(s) to ADVANCED MICRO DEVICES, INC., a corporation of Delaware having a place of business at One AMD Place, P.O. Box 3453, Sunnyvale, California 94088-3453, U.S.A., its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries, in and to the inventions entitled

MEMORY CELL HAVING COMBINATION RAISED SOURCE AND DRAIN AND METHOD OF FABRICATING SAME

for which application for United States Letters Patent has been filed on 04/22/2005 under Serial No. 11/112,884, or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, and all United States provisional patent applications on which priority is claimed, including but not limited to, application Serial No. _____, filed on _____, any and all other applications for Letters Patent on said inventions in countries foreign to the United States, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said Letters Patent; said assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said assignee or otherwise as said assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments being hereby authorized to issue or transfer all said Letters Patent to said assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right heretofore given, and that the undersigned will do all acts reasonably serving to assure that said inventions, patent applications and Letters Patent shall be held and enjoyed by said assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said assignee, to furnish said assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models,

samples or other physical exhibits which may be useful for establishing the facts of conception, disclosure and reduction to practice of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

I authorize the patent attorney of record and/or having power of attorney in the U.S. patent application identified above to insert the serial number and filing date information for the patent application in the appropriate spaces in this assignment document when that information becomes available.

Signed:

Date:

Takashi Orimoto
Takashi Orimoto

3/15/05

CERTIFICATE OF ACKNOWLEDGMENT

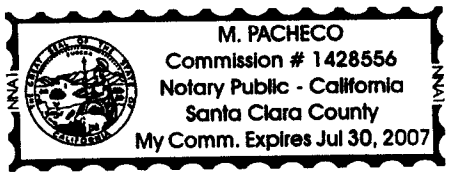
State of California

County of Santa Clara

On March 15, 2005 before me, M. Pacheco, Notary Public,
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Takashi Orimoto
Name(s) of Signer(s)

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.

M. Pacheco
Signature of Notary Public