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Attorney Docket: G0729/2241P

165-383

US Department of Commerce Patent & Trademark Office

102130051

To the Honorable Commissioner of Patents and Trademarks: Please record the analyted original documents or copy thereof.

 Name of Conveying party(ies) 	*	2. Name and address of receiving party(ies)
Hung-Eil KIM	*	Advanced Micro Devices, Inc.
	*	Street Address: 1 AMD Place
	*	City: Sunnyvale State: CA Zip: 94086 📅 💻
Additional name(s) of conveying party(ies)	*	Additional name(s) & address(es) of receiving party(ies)
attached? Yes X No	*	attached?Yes X No

3. Nature of conveyance:

Execution Dates: May 14, 2002

10,

X Assignment

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

If this document is being filed together with a new application, the execution date of the application is <u>May 14, 2002</u>.

	A. Patent Application No.(s)	* B. Patent No.(s)
	Additional numbers attached? Yes 🗶 No	* Additional numbers attached? Yes _X_ No
5.	Name and address of party to whom correspondence concerning document should be mailed:	 * 6. Total Number of applications and patents * involved: <u>One</u>
	Name: Joseph A. Sawyer, Jr. Internal	* 7. Total fee (37 CFR 3.41)\$ 40.00 *Enclosed
	Address: Sawyer Law Group LLP Street	 XX Authorized to be charged to Deposit Account
21/2002	Address: P.O. Box 51418 Palo Alto, California 94303 TDIAZ1 00000038 010365 10165383	 * 8. Deposit Account Number: <u>01-0365</u> (AMD, Inc.) * (Attach copy of this page)

01 FC:581 40.00 CH 9. Statement and signature.

Date

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.

Stephen G. Sullivan, Reg. Nd.38,329

Total number of pages including cover sheet, attachments, and document: 3

PATENT REEL: 012996 FRAME: 0955

ASSIGNMENT

WHEREAS, the undersigned, Hung-Eil KIM (herein after called the Assignor), has invented certain new and useful improvements in

METHOD AND SYSTEM FOR DETERMINING FLOW RATES FOR CONTACT FORMATION

for which a United States patent application has been concurrently executed on the date of this assignment.

WHEREAS, ADVANCED MICRO DEVICES, INC., a corporation of the State of Delaware, having a place of business at 901 Thompson Place, P.O. Box 3453, Sunnyvale, California, 94088-3453 (hereinafter termed Assignee), is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patents thereon when granted in the United States and foreign countries.

NOW, THEREFORE, for good and valuable consideration received by said Assignors from said Assignee, the receipt of which is hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any said application, and in and to each and every reissue or extension of said Letters Patent.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee where said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of letters patent included herein, or for interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that he has not entered into any assignment, contract or understanding in conflict herewith.

PATENT REEL: 012996 FRAME: 0956

ASSIGNMENT (continued)

IN WITNESS WHEREOF, the said Assignor has executed and delivered this instrument on the date set forth below.

May 14, 2002

Hung-Eil KIM

STATE OF CALIFORNIA

On <u>Harry 14</u>, 2002 before me, <u>Marry Tables</u> Notary Public, personally appeared Hung-Eil KIM, personally (nown to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ins), and that by his 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.

taragne Edwardt Signature

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PATENT REEL: 012996 FRAME: 0957

RECORDED: 06/06/2002