12-07-1998 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 R SHEET Patent and Trademark Office (REV 6-93) Attorney Docket No. AMDSP180US OMB No. 0651-011 (exp.4/94) 100914876 To the Honorable Commissioner c the attached original documents or copy thereof. Name and address of receiving party(ies): Name of conveying party(ies): Christopher A. Spence Advanced Micro Devices, Inc. Name: Internal Address: Additional name(s) of conveying party(ies) attached? [ ] Yes [ X ] No Street Address: 3. Nature of conveyance: One AMD Place P.O. Box 3453 [X] Assignment [ ] Merger City: Sunnyvale State: CA ZIP: 94088-3453 ] Security Agreement [ ] Change of Name ] Other \_\_\_\_\_ Additional name(s) & address(es) attached? Execution Date: \_\_\_\_\_ November 17, 1998 [ ] Yes [ X ] No 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:  $\frac{11-17-98}{11-17-98}$ A. Patent Application No.(s) B. Patent No.(s) Additional Numbers attached? [ ] Yes [ X ] No 6. Total number of applications and patents involved: [ 1 ] 5. Name and address of party to whom correspondence concerning document should be mailed: 40.00 7. Total fee (37 CFR 3.41) .....\$\_\_\_\_ Name: Jonathan A. Platt Internal Address: \_ [X] Enclosed RENNER, OTTO, BOISSELLE & SKLAR, P.L.L. [ ] Authorized to be charged to deposit account 記憶4998d切磋覧: 1660hff00olighfygggue, Nineteenth Floor 8. Deposit account number: 40.00 OP 2 FC:581 City: Cleveland \_\_\_ State: Ohio (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 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. November 20, 1998 Jonathan A. Platt Date Signature Name of Person Signing Reg. No. \_\_41,255 \_\_ Total number of pages including cover sheet attachments, and document: [ 3 ]

## **ASSIGNMENT**

For good and valuable consideration received of the hereinafter named assignee, receipt of which is hereby acknowledged, the undersigned

Christopher F. Spence 1145 Andover Drive Sunnyvale, California 94087

hereby sells and assigns 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

## PIEZO PROGRAMMABLE RETICLE FOR EUV LITHOGRAPHY

for which application for United States Letters Patent has been filed on Serial No. , or was executed by the undersigned on the date below and is being filed concurrently herewith, said application for United States Letters Patent, 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.

Page 1 of 2

CERTIFICATE OF ACKNOWLEDGEMENT  State of		
Christopher R. Spence  CERTIFICATE OF ACKNOWLEDGEMENT  State of	Signed:	Date:
CERTIFICATE OF ACKNOWLEDGEMENT  State of	Signed.	Date.
CERTIFICATE OF ACKNOWLEDGEMENT  State of	CASV	11/17/98
Certificate of ACKNOWLEDGEMENT  State of	Christopher A. Spence	
State of California  County of Santa Clara  On Moy. 17, 1998 before me, Morera G. Molina, Notary Public Name and Title of Officer (e.g., "Jane Doe, Notary Public")  personally appeared Christopher F. Spence  Name(s) of Signer(s)  personally known to me - OR - proved me on the basis of satisfactory evidence to be to	CAS	
County of Santa Clara  On Moy. 17, 1998 before me, Morena G. Molina, Notary Public Name and Title of Officer (e.g., "Jane Doe, Notary Public")  personally appeared Christopher F. Spence  Name(s) of Signer(s)  personally known to me - OR - Proved me on the basis of satisfactory evidence to be to	CERTIFICAT	E OF ACKNOWLEDGEMENT
On Nov. 17, 1998 before me, Norma G. Molina, Notary Public Name and Title of Officer (e.g., "Jane Doe, Notary Public")  personally appeared Christopher F. Spence  Name(s) of Signer(s)  personally known to me - OR - proved me on the basis of satisfactory evidence to be to		
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□ personally known to me - OR - □ proved me on the basis of satisfactory evidence to be t	personally appeared Christopher F	, Spence
me on the basis of satisfactory evidence to be t		Name(s) of Signer(s)
instrument and acknowledged to me that executed the same in his authorized capacity, a that by his signature on the instrument t		personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

MORENA G. MOLINA
Commission #1055389
Notary Public — California
SANTA CLARA COUNTY
My Comm. Expires Jul 19,1999

**RECORDED: 11/20/1998** 

WITNESS my hand and official seal.

Signature of Notary Public

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