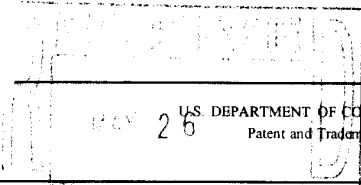


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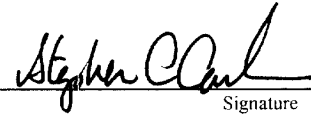


FORM PTO-1596
1-31-92

DOCKET NO.: 1033-188

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

<p>1. Name of conveying party(ies): Ian Crayford</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: <u>ADVANCED MICRO DEVICES, INC.</u></p> <p>Internal Address:</p> <p>Street Address: <u>ONE AMD PLACE, P.O.BOX 3453</u></p> <p>City: <u>SUNNYVALE</u> State/Country: <u>CALIFORNIA</u> ZIP: <u>94088-3453</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: <u>May 11, 1998</u></p>	<p>4. Application number(s) or patent number(s):</p> <p>If the document is being filed together with a new application, the execution date of the application is:</p> <p>A. Patent Application No(s).08/992,949 Filed December 18, 1997</p> <p>B. Patent No(s).</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>McDERMOTT, WILL & EMERY</u></p> <p>Internal Address:</p> <p>Street Address: <u>99 Canal Center Plaza, Suite 300</u></p> <p>City: <u>Alexandria</u> State: <u>VA</u> ZIP: <u>22314</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41)..... \$<u>40.00</u></p> <p><input type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number:</p> <p><u>500417</u></p>
<p>06/05/1998 BUYEN 00000036 500417 08992949 DO NOT USE THIS SPACE</p> <p>01 FC:581 40.00 CH</p>	
<p>9. Statement and signature. <i>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.</i></p> <p><u>Stephen C. Carlson, 39,929</u>  <u>May 26, 1998</u></p> <p>Name and Registration No. of Person Signing Signature Date</p> <p>Total number of pages comprising cover sheet: <u>1</u></p> <p>CMB No. 0851-0011 (exp. 4/94)</p>	

ASSIGNMENT

WHEREAS I, **Ian Crayford** of **San Jose, California**, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **CIRCUIT AND METHOD FOR HIGH SPEED BIT STREAM CAPTURE**, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Advanced Micro Devices, Inc., a corporation of the State of Delaware and having an address of One AMD Place, P. O. Box 3453, Sunnyvale, California 94088-3453 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Advanced Micro Devices, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Advanced Micro Devices, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

Date May 11, 1998 Ian Crayford

STATE OF CALIFORNIA)
COUNTY OF Santa Clara) SS:

On May 11, 1998 (date) before me, Morena G. Molina, Notary Public (name and title "Notary Public"), personally appeared Ian Crayford (name of signer), 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/~~she~~ executed the same in his/~~her~~ authorized capacity, and that by his/~~her~~ signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.
Morena G. Molina (signature of Notary)

My commission expires July 19, 1999.

