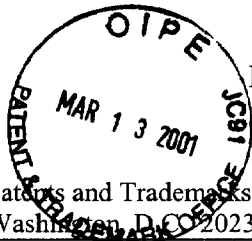


03-20-2001



RECORD



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Our Ref.: 723-799

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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

<p>1. Name of conveying party(ies): Farhad Fouladi Timothy J. Van Hook</p> <p style="font-size: 2em; margin-left: 100px;">3.13.01</p> <p>Additional name/s of conveying party/ies attached? <input type="checkbox"/></p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: <u>02/16/2001</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>NINTENDO CO., LTD.</u> Internal Address: _____ Street Address: <u>11-1, Kamitoba-hokotate-cho,</u> <u>Miinami-ku</u> _____ City: <u>Kyoto</u> State/Country: <u>Japan</u> Zip: <u>601-8501</u></p> <p>Additional name/s & address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: _____

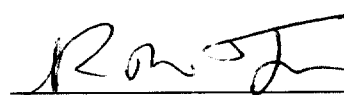
<p>A. Patent Application No(s). (1) 09/465,754 (2) (3)</p>	<p>B. Patent No(s). (1) (2) (3)</p>
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Additional numbers attached Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Robert W. Faris</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Nixon & Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8th Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications & patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account #14-1140</p> <p>8. The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. <u>14-1140.</u></p>
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DO NOT USE THIS SPACE

9. Statements 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.

<p><u>Robert W. Faris</u> Name of Person Signing Reg. No. 31,352</p>	 Signature	<p><u>March 13, 2001</u> Date</p>
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Total number of pages including original cover sheet, attachments, and document: [3]

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ASSIGNMENT FOR PATENT APPLICATIONS
(All Rights)

WHEREAS we, Farhad Fouladi and Timothy J. Van Hook, (hereinafter ASSIGNORS), of 12421 Barley Hill Rd., Los Altos Hills, California 94024; 224 Oak Grove Avenue, Atherton, California 94027; have, with others, made an invention for which a utility patent application entitled "VERTEX CACHE FOR 3D COMPUTER GRAPHICS" was filed in the United States Patent and Trademark Office on 17 December 1999 under Serial No. 09/465,754.

WHEREAS, NINTENDO Co., Ltd. (hereinafter "NINTENDO"), a corporation of the country of Japan, having an office and place of business at 11-1, Kamitoba-hokotate-cho, Minami-ku, Kyoto, Japan 601-8501 is desirous of acquiring full ownership interest therein;

NOW, THEREFORE, in consideration of ASSIGNORS' employment with ArtX Inc. ("ArtX") and/or ATI Technologies Corp. ("ATI"), in consideration of certain agreements between ArtX, ATI and NINTENDO, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNORS by these presents hereby sell, assign, and transfer unto NINTENDO, its successors, assigns, and legal representatives, ASSIGNORS' entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to NINTENDO, for its interest as NINTENDO, its successors, assigns, and legal representatives. It is understood and agreed that NINTENDO'S

attorneys Nixon & Vanderhye P.C. have represented only NINTENDO and will continue to represent only NINTENDO with respect to this invention;

ASSIGNORS hereby agree to execute any papers by NINTENDO, its successors, assigns, and legal representatives, deemed essential to NINTENDO'S full protection and title in and to the invention hereby transferred; and

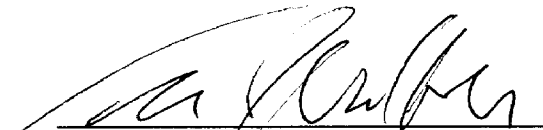
ASSIGNORS hereby agree, upon request of NINTENDO, and without further remuneration, to execute any and all papers desired by NINTENDO, for the filing and granting of foreign applications and the perfecting of title thereto in NINTENDO.

AGREED and executed as noted below:

2/16/01
Date


Farhad Fouladi

2/16/01
Date


Timothy J. Van Hook