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Our Ref.: 1767-34

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): Quark Systems Co., Ltd.</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: August 2, 1999</p>		<p>2. Name and address of receiving party(ies):</p> <p>Name: M. Watanabe &amp; Co., Ltd. Internal Address: _____ Street Address: 2-16, Muromachi 4-chome, Nihonbashi Chuou-ku City: Tokyo-to State/Country: Japan Zip: _____</p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				
<p>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> <table border="0"><tr><td>A. Patent Application No(s). (1) 09/132,215 (2) (3)</td><td>B. (1) (2) (3)</td></tr></table> <p>Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No 8-9-99</p>				A. Patent Application No(s). (1) 09/132,215 (2) (3)	B. (1) (2) (3)	
A. Patent Application No(s). (1) 09/132,215 (2) (3)	B. (1) (2) (3)					
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Arthur R. Crawford Internal Address: _____ Street Address: Nixon &amp; Vanderhye P.C. 1100 North Glebe Road 8<sup>th</sup> Floor City: Arlington State: VA Zip: 22201</p>		<p>6. Total number of applications &amp; patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00 <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. 14-1140.</p>				
<p>08/11/1999 DC00TES 00000138 09132215 01 FC:581 40.00 00</p> <p style="text-align: center;">DO NOT USE THIS SPACE</p>						
<p>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> <table border="0"><tr><td>Arthur R. Crawford Name of Person Signing Reg. No. 25,327</td><td> Signature</td><td>August 9, 1999 Date</td></tr></table> <p>Total number of pages including original cover sheet, attachments, and document: [2]</p>				Arthur R. Crawford Name of Person Signing Reg. No. 25,327	 Signature	August 9, 1999 Date
Arthur R. Crawford Name of Person Signing Reg. No. 25,327	 Signature	August 9, 1999 Date				

## ASSIGNMENT

WHEREAS, QUARK SYSTEMS CO., LTD, (hereinafter ASSIGNOR), a corporation duly organized and existing under the laws of Japan having been assigned all right, title and interest in application Serial No.09/132,215 filed August 11, 1998 (attorney docket no. 1767-34) by virtue of an Assignment recorded at reel 9392 frame 0701.


WHEREAS, ASSIGNOR hereby confirms that ASSIGNOR has the full right to convey all rights, as herein expressed, to the said application and the invention embodied therein;

AND WHEREAS, M. Watanabe & CO., LTD, (hereinafter ASSIGNEE), a corporation duly organized and existing under the laws of Japan and doing business at 2-16, Muromachi 4-chome, Nihonbashi, Chuou-ku, Tokyo-to, Japan, is desirous of acquiring all interest therein.

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, an undivided one-half (1/2) interested in the said invention in the United States, as described in the aforesaid application. I am authorized to execute this ASSIGNMENT on behalf of ASSIGNOR.

Quark Systems Co., Ltd.

date: August 2, 1999

By:   
Masaru Nakamura  
title: President