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PATENTS ONLY

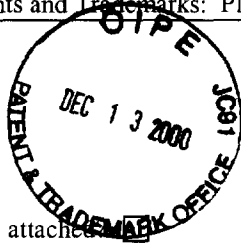
Our Ref.: 2452-13

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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): Craig D. Crutcher</p> <p>Additional name/s of conveying party/ies attached: _____</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:      December 5, 2000</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>WRQ, Inc.</u> Internal Address: _____ Street Address: <u>1500 Dexter Avenue North</u> _____ City: <u>Seattle</u> State/Country: <u>Washington</u> Zip: <u>98109</u></p> <p>Additional name/s &amp; address/es attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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<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 style="vertical-align: top;"><p>A. Patent Application No(s). (1) <u>09/484,455</u> (2) _____ (3) _____</p></td><td style="vertical-align: top;"><p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p></td></tr></table> <p style="text-align: center;">Additional numbers attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		<p>A. Patent Application No(s). (1) <u>09/484,455</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>
<p>A. Patent Application No(s). (1) <u>09/484,455</u> (2) _____ (3) _____</p>	<p>B. Patent No(s). (1) _____ (2) _____ (3) _____</p>		
<p>Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Robert W. Faris</u> Internal Address: _____ Street Address: <u>Nixon &amp; Vanderhye P.C.</u> <u>1100 North Glebe Road</u> <u>8<sup>th</sup> Floor</u> City: <u>Arlington</u> State: <u>VA</u> Zip: <u>22201</u></p>	<p>6. Total number of applications &amp; 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>		

DO NOT USE THIS SPACE

<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 style="text-align: center;"><u>Robert W. Faris</u> Name of Person Signing Reg. No. 31,352</td><td style="text-align: center;"> Signature</td><td style="text-align: center;"><u>December 13, 2000</u> Date</td></tr></table> <p style="text-align: right;">Total number of pages including original cover sheet, attachments, and document: [3]</p>			<u>Robert W. Faris</u> Name of Person Signing Reg. No. 31,352	 Signature	<u>December 13, 2000</u> Date
<u>Robert W. Faris</u> Name of Person Signing Reg. No. 31,352	 Signature	<u>December 13, 2000</u> Date			

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**ASSIGNMENT FOR PATENT APPLICATION**  
**(All Rights)**

WHEREAS Craig D. Crutcher (hereinafter ASSIGNOR), of 507 North 75th Street, Seattle, Washington 98103 has made an invention entitled APPLLET EMBEDDED CROSS-PLATFORM CACHING for which a so-entitled application for Letters Patent of the United States was filed in the United States Patent and Trademark Office on 18 January 2000 under Serial No. 09/484,455;

WHEREAS, WRQ, Inc. (hereinafter ASSIGNEE), a corporation of the State of Washington, having an office and place of business at 1500 Dexter Avenue North, Seattle, Washington 98109 is desirous of acquiring an interest therein;

NOW, THEREFORE, in accordance with the Confidentiality and Inventions Agreement entered into by the parties and in consideration of Assignor's employment with Assignee 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, ASSIGNOR'S 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 ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;

ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;

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

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

AGREED and executed as noted below:

12/5/00 Date Craig D. Crutcher Craig D. Crutcher

Witnessed by: [Signature]  
Name: [Signature] Date: 12/5/00