

4/7/00

04-13-2000

FORM PTO-1595



Docket No. 36271/SAH/B600


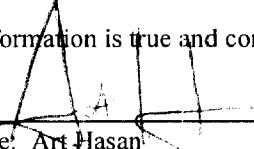
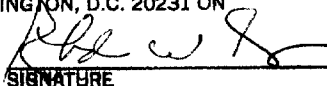
101319721

IEET

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

Post Office Box 7068  
Pasadena, CA 91109-7068

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

<p>1. Name of conveying party(ies): <b>Alexander G. MacInnis, Chengfuh Jeffrey Tang, Xiaodong Xie, James T. Patterson and Greg A. Kranawetter</b></p> <p>Additional name(s) of conveying party(ies) attached: No</p>	<p>2. Name and address of receiving party(ies): Name: <b>Broadcom Corporation</b> Street Address: <b>16215 Alton Parkway Irvine, California 92618-3616</b></p>  <p>Additional name(s) &amp; address(es) attached? No</p>
<p>3. Name of conveyance: <input checked="" type="checkbox"/> Assignment      <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement      <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:</p> <p>Execution Date: <b>February 24, 2000</b></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> <p>A. Patent Application No.(s) 09/437,326</p> <p>B. Patent No.(s)</p>
<p>04/11/2000 NHASSANI 00000014 09437326 03 FC:581      40.00 OP</p>	<p>Additional numbers attached? No</p>
<p>5. Please return the recorded document and address all correspondence to: <b>CHRISTIE, PARKER &amp; HALE, LLP</b> P.O. Box 7068 Pasadena, CA 91109-7068 Attention: <b>Art Hasan</b></p>	<p>6. Total number of applications and patents involved..... <span style="border: 1px solid black; padding: 2px;">1</span></p>
<p>10. <input type="checkbox"/> Explanatory letter is enclosed.</p>	<p>7. <input checked="" type="checkbox"/> Total fee enclosed (37 CFR 3.41):      \$ <b>40.00</b> 8. <input checked="" type="checkbox"/> Any deficiency or overpayment of fees should be charged or credited to <b>Deposit Account No. 03-1728</b>, except for payment of issue fees required under 37 CFR § 1.18. Please show our docket number with any credit or charge to our Deposit Account.</p>
<p>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.</p> <p>Date: <b>March 29, 2000</b></p> <p>By  Name: <b>Art Hasan</b> 626/795-9900</p> <p>I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 ON</p> <p><b>March 29, 2000</b>       DATE      SIGNATURE</p> <p>Total number of pages including cover sheet, attachments, and document: <span style="border: 1px solid black; padding: 2px;">5</span></p>	

SAH/rvw

PATENT  
REEL: 010681 FRAME: 0057

**ASSIGNMENT**

**WHEREAS, WE, Alexander G. MacInnis, Chengfuh Jeffrey Tang, Xiaodong Xie James T. Patterson, and Greg A. Kranawetter**, residing at 1023 Los Altos Avenue, Los Altos, California 94022, 19775 Seagull Court, Saratoga, California 95070, 6436 Wellmeadow Court, San Jose, California 95120, 12790 Lika Court, Saratoga, California 95070, 6100 Yeadon Way, San Jose, California 95119, respectively, have invented certain new and useful improvements disclosed in an application for United States Letters Patent entitled **GRAPHICS DISPLAY SYSTEM WITH VIDEO SCALER** and executed by us on even date herewith;

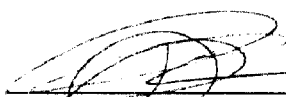
**AND WHEREAS BROADCOM CORPORATION**, a California corporation, having a place of business at 16215 Alton Parkway, Irvine, California 92618-3616 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and application.

**NOW, THEREFORE**, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to said improvements, and said application and all divisions and continuations thereof, and all United States Letters Patents which may be granted thereon and all reissues, reexaminations and extensions thereof, and all priority rights under all available International Agreements, Treaties and Conventions for the protection of intellectual property in its various forms in every participating country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all continuations, divisions, extensions, renewals, substitutes, and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to ASSIGNEE in accordance with the terms of this Assignment;

**AND WE HEREBY** covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

**AND WE HEREBY** further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

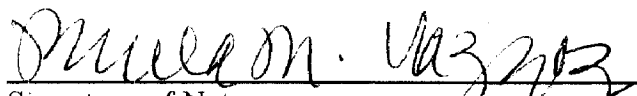
IN TESTIMONY WHEREOF, I hereunto set my hand this 24<sup>th</sup> day of February, 2000.

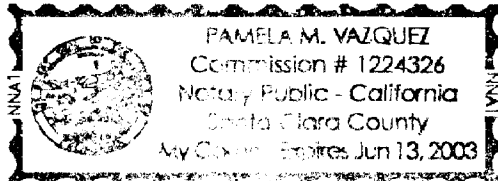
  
\_\_\_\_\_  
Alexander G. MacInnis

STATE OF CA  
COUNTY OF Santa Clara

On February 24, 2000 before me Pamela M. Vazquez, Notary Public, personally appeared **Alexander G. MacInnis** 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.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Signature of Notary



\*\*\*\*\*

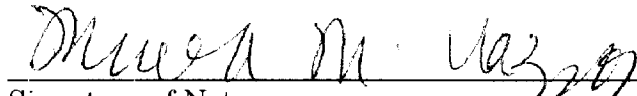
IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of February, 2000.

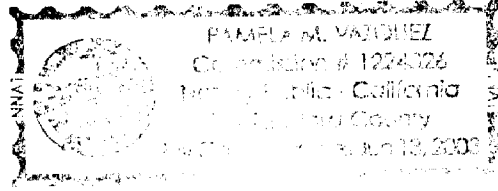
  
\_\_\_\_\_  
Chengfuh Jeffrey Tang

STATE OF CA  
COUNTY OF Santa Clara

On February 24, 2000 before me Pamela M. Vazquez, Notary Public, personally appeared **Chengfuh Jeffrey Tang** 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.

WITNESS my hand and official seal.

  
\_\_\_\_\_  
Signature of Notary



\*\*\*\*\*

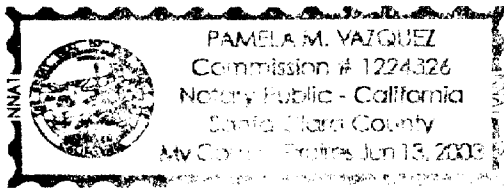
IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of February, 2000.

Xiaodong Xie  
Xiaodong Xie

STATE OF  
COUNTY OF Santa Clara CA

On February 24, 2002, before me Pamela M. Vazquez, Notary Public, personally appeared Xiaodong Xie 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.

WITNESS my hand and official seal.



Pamela M. Vazquez  
Signature of Notary

\*\*\*\*\*

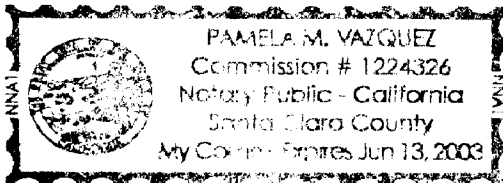
IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of February, 2000.

James T. Patterson  
James T. Patterson

STATE OF  
COUNTY OF Santa Clara CA

On February 24, 2000, before me Pamela M. Vazquez, Notary Public, personally appeared James T. Patterson 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.

WITNESS my hand and official seal.



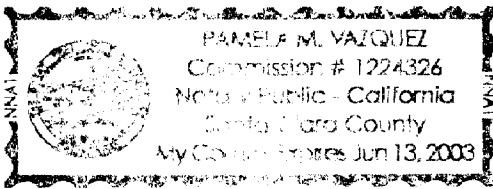
Pamela M. Vazquez  
Signature of Notary

IN TESTIMONY WHEREOF, I hereunto set my hand this 24 day of February, 2000.

Greg A. Kranawetter  
Greg A. Kranawetter

STATE OF CA  
COUNTY OF Santa Clara

On February 24, 2000 before me Pamela M. Vazquez, Notary Public, personally appeared **Greg A. Kranawetter** 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.



WITNESS my hand and official seal.

Pamela M. Vazquez  
Signature of Notary

SAH/rvw

RVW PAS218048.1\*-1/6/00 3:18 PM