

09-07-2004

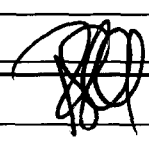
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Form PTO-1595 (Rev. 06/04)  
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**PATENTS ONLY**

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|                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>1. Name of conveying party(ies)/Execution Date(s):</b><br><br>John REDFORD<br><br>Execution Date(s) <u>8/23/04</u><br>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                                                                                                    |  | <b>2. Name and address of receiving party(ies)</b><br>Name: <u>Broadcom Corporation</u><br>Internal Address: _____<br>Street Address: <u>16215 Alton Parkway</u><br>City: <u>Irvine</u><br>State: <u>California</u><br>Country: <u>United States</u> Zip: <u>92618</u><br>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                   |  |
| <b>3. Nature of conveyance:</b><br><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger<br><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name<br><input type="checkbox"/> Government Interest Assignment<br><input type="checkbox"/> Executive Order 9424, Confirmatory License<br><input type="checkbox"/> Other _____                   |  | <b>4. Application or patent number(s):</b> <input checked="" type="checkbox"/> This document is being filed together with a new application.<br>A. Patent Application No.(s)<br>To Be Assigned<br>B. Patent No.(s)                                                                                                                                                                                                         |  |
| <b>5. Name and address to whom correspondence concerning document should be mailed:</b><br>Name: <u>Sterne, Kessler, Goldstein &amp; Fox P.L.L.C.</u><br>Internal Address: <u>c/o Robert Sokohl</u><br>Street Address: <u>1100 New York Avenue, N.W.</u><br>City: <u>Washington</u><br>State: <u>D.C.</u> Zip: <u>20005-3934</u><br>Phone Number: _____<br>Fax Number: _____<br>Email Address: _____ |  | <b>6. Total number of applications and patents involved:</b> <u>1</u><br><b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>\$40.00</u><br><input checked="" type="checkbox"/> Authorized to be charged by credit card<br><input type="checkbox"/> Authorized to be charged to deposit account<br><input type="checkbox"/> Enclosed<br><input type="checkbox"/> None required (government interest not affecting title) |  |
| <b>9. Signature:</b> <br>Signature                                                                                                                                                                                                                                                                                |  | <b>8. Payment Information</b><br>a. Credit Card Last 4 Numbers <u>1005</u><br>Expiration Date <u>08/2005</u><br>b. Deposit Account Number <u>19-0036</u><br>Authorized User Name <u>SKGF PLLC</u>                                                                                                                                                                                                                          |  |
| Robert Sokohl, Reg. No. 36,013<br>Name of Person Signing                                                                                                                                                                                                                                                                                                                                             |  | Total number of pages including cover sheet, attachments, and documents: <u>3</u>                                                                                                                                                                                                                                                                                                                                          |  |

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment/Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

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**PATENT**  
**REEL: 015751 FRAME: 0738**

## ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to each of the undersigned inventor(s): John REDFORD, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation (the Assignee) his/her entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

*check applicable box(es)*

- ☒ for the United States of America (as defined in 35 U.S.C. § 100),  
☒ and throughout the world,

(a) in the invention(s) known as Data Integrity Checking for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 23 Aug 2024 (also known as United States Application No. To be assigned, filed Herewith), in any and all applications thereon, in any and all Letters Patent(s) therefor, and

(b) in any and all applications that claim the benefit of the patent application listed above in part (a), including continuing applications, reissues, extensions, renewals and reexaminations of the patent application or Letters Patent therefor listed above in part (a), to the full extent of the term or terms for which Letters Patents issue, and

(c) in any and all inventions described in the patent application listed above in part (a), and in any and all forms of intellectual and industrial property protection derivable from such patent application, and that are derivable from any and all continuing applications, reissues, extensions, renewals and reexaminations of such patent application, including, without limitation, patents, applications, utility models, inventor's certificates, and designs together with the right to file applications therefor; and including the right to claim the same priority rights from any previously filed applications under the International Agreement for the Protection of Industrial Property, or any other international agreement, or the domestic laws of the country in which any such application is filed, as may be applicable;

all such rights, title and interest to be held and enjoyed by the above-named Assignee, its successors, legal representatives and assigns to the same extent as all such rights, title and interest would have been held and enjoyed by the Assignor had this assignment and sale not been made.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with the application(s) and any continuing (continuation, divisional, or continuation-in-part), reissue, reexamination or corresponding application(s) thereof and also to execute separate assignments in connection with such application(s) as the Assignee may deem necessary or expedient.

The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or patent enforcement action.

The undersigned inventor(s) hereby represent(s) that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

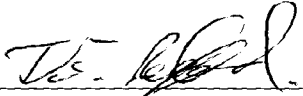
The undersigned hereby grant(s) James D. Bennett, Registration No. 37,550, Jeffrey DeRoy Wheeler, Registration No. 39,066; Noel Benjamin Whitley, Registration No. 42,225; and Harry Shannon Tyson, Jr., Registration No. 42,193, of **BROADCOM CORPORATION**, 16215 Alton Parkway, Irvine, CA 92618-3616, and Robert Greene Sterne, Esquire, Registration No. 28,912; Edward J. Kessler, Esquire, Registration No. 25,688; Jorge A. Goldstein, Esquire, Registration No. 29,021; David K.S. Cornwell, Esquire, Registration No. 31,944; Robert W. Esmond, Esquire, Registration No. 32,893; Tracy-Gene G. Durkin, Esquire, Registration No. 32,831; Michele A. Cimbala, Esquire, Registration No. 33,851; Michael B. Ray, Esquire, Registration No. 33,997; Robert E. Sokohl, Esquire, Registration No. 36,013; Eric K. Steffe, Esquire, Registration No. 36,688; Michael Q. Lee, Esquire, Registration No. 35,239; Steven R. Ludwig, Esquire, Registration No. 36,203; John M. Covert, Esquire, Registration No. 38,759; Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone, Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esq., Registration No. 37,575; Judith U. Kim, Esq., Registration No. 40,679; Timothy J. Shea, Jr., Esq., Registration No. 41,306; and Patrick E. Garrett, Esq., Registration No. 39,987; all of **STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.**, 1100 New York Avenue, N.W., Washington, D.C. 20005-3934 power to insert in this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, executed by the undersigned inventor(s) on the date opposite his/her name.

Date:

23 Aug 2004

Signature of Inventor:

  
 John REDFORD