

11-04-2003



Form PTO-1595
(Rev. 03/01)
OMB No. 0651-0027 (exp. 5/31/2002)

102591059
PATENTS ONLY

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

<p>1. Name of conveying party:</p> <p>1) Hoang T. TRAN; and 2) Howard A. BAUMER</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Broadcom Corporation</p> <p>Street Address: 16215 Alton Parkway</p> <p>City: Irvine State: CA Zip Code: 92618-3616</p> <p>Country: USA</p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> yes <input checked="" type="checkbox"/> no</p>
<p>3. Nature of Conveyance:</p> <p><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: 1) October 27, 2003; and 2) October 28, 2003</p>	

4. Application number(s) or patent number(s): 10694730

If this document is being filed together with a new application, the execution date of the application is October 27, 2003; and October 28, 2003

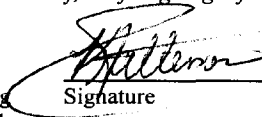
A. Patent Application No(s).	B. Patent No(s).
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Additional numbers attached? yes no

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.</p> <p>Internal Address: c/o Kendrick P. Patterson (1875.4530000)</p> <p>Street Address: 1100 New York Ave., N.W. City: Washington State: D.C. Zip Code: 20005-3934</p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 C.F.R. § 3.41).....\$ <u>40.00</u></p> <p><input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Charge: PTO-2038 Credit Card Form Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account</p> <p>8. Deposit Account Number: 19-0036</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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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><u>Kendrick P. Patterson</u> Name of Person Signing Registration No. 45,321</p>	 Signature	<p><u>October 29, 2003</u> Date</p>
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Total number of pages including cover sheet, attachments and document 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Mail Stop Assignments
P.O. Box 1450, Alexandria, VA 22313-1450

17858 U.S. PTO
107694730



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SKGF_DC1:193499.1

10/30/2003 MDAMTE1 00000039 10694730

FE FC:8021

40.00 OP

PATENT
REEL: 014647 FRAME: 0343

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 inventors: 1) Hoang TRAN and 2) Howard A. BAUMER, each undersigned inventor hereby sells and assigns to Broadcom Corporation (the Assignee) his 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 known as Programmable Management IO Pads for an Integrated Circuit for which application for patent in the United States of America has (have) been executed by the undersigned on 1) 10/27/03 and 2) _____ (also known as United States Application No. To Be Assigned filed Herewith; Attorney Docket No. 1875.4530000), 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 inventors agree 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 inventors agree 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.

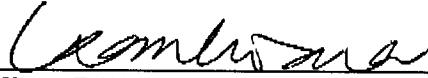
The undersigned inventors hereby represent that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grants James D. Bennett, Registration No. 37,550, and David J. Rosmann, Registration No. 43,059, 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; and Linda E. Alcorn, Esquire, Registration No. 39,588; Lawrence B. Bugaisky, Esquire, Registration No. 35,086; Donald J. Featherstone,

Appl. No. *To Be Assigned*
Docket No. 1875.4530000

Esquire, Registration No. 33,876; Robert C. Millonig, Esquire, Registration No. 34,395; Michael V. Messinger, Esquire, Registration No. 37,575; Judith U. Kim, Esquire, Registration No. 40,679; Timothy J. Shea, Jr. Esquire, Registration No. 41,306; and Patrick E. Garrett, Esquire, Registration No. 39,978; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 800, 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 on the date opposite his name.

Date: 10/27/03 Signature of Inventor: 
Hoang T. TRAN

Date: _____ Signature of Inventor: _____
Howard A. BAUMER

184300v1

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 inventors: 1) Hoang TRAN and 2) Howard A. BAUMER, each undersigned inventor hereby sells and assigns to Broadcom Corporation (the Assignee) his entire right, title and interest, including the right to sue for past infringement and to collect for all past, present and future damages:

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: and throughout the world,

(a) in the invention known as Programmable Management IO Pads for an Integrated Circuit for which application for patent in the United States of America has (have) been executed by the undersigned on 1) _____ and 2) 10/29/03 (also known as United States Application No. To Be Assigned filed Herewith; Attorney Docket No. 1875.4530000), 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;

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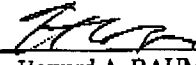
OK
10/29/03

Appl. No. *To Be Assigned*
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No. 38,759; and 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, Esquire, Registration No. 37,575; Judith U. Kim, Esquire, Registration No. 40,679; Timothy J. Shea, Jr. Esquire, Registration No. 41,306; and Patrick E. Garrett, Esquire, Registration No. 39,978; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 800, 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 on the date opposite his name.

Date: _____ Signature of Inventor: _____
Hoang TRAN

Date: 10-28-2003 Signature of Inventor:  _____
Howard A. BAUMER

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