

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Klaas BULT</td><td>05/15/2001</td></tr><tr><td>Rudy van de Plassche</td><td>05/15/2001</td></tr><tr><td>Pieter Vorenkamp</td><td>05/10/2001</td></tr><tr><td>Arnoldus VENES</td><td>05/10/2001</td></tr></tbody></table>	Name	Execution Date	Klaas BULT	05/15/2001	Rudy van de Plassche	05/15/2001	Pieter Vorenkamp	05/10/2001	Arnoldus VENES	05/10/2001	
Name	Execution Date										
Klaas BULT	05/15/2001										
Rudy van de Plassche	05/15/2001										
Pieter Vorenkamp	05/10/2001										
Arnoldus VENES	05/10/2001										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Broadcom Corporation</td></tr><tr><td>Street Address:</td><td>5300 California Avenue</td></tr><tr><td>City:</td><td>Irvine</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>92617</td></tr></table>	Name:	Broadcom Corporation	Street Address:	5300 California Avenue	City:	Irvine	State/Country:	CALIFORNIA	Postal Code:	92617	
Name:	Broadcom Corporation										
Street Address:	5300 California Avenue										
City:	Irvine										
State/Country:	CALIFORNIA										
Postal Code:	92617										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12961151</td></tr></tbody></table>	Property Type	Number	Application Number:	12961151							
Property Type	Number										
Application Number:	12961151										
CORRESPONDENCE DATA											
Fax Number: (202)371-2540 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 202-371-2600											
Email: jhelvey@skgf.com											
Correspondent Name: Sterne, Kessler, Goldstein & Fox P.L.L.C											
Address Line 1: 1100 New York Avenue, N.W.											
Address Line 4: Washington, DISTRICT OF COLUMBIA 20005											
ATTORNEY DOCKET NUMBER:	1875.1020005										
NAME OF SUBMITTER:	Jeffrey T. Helvey										
Total Attachments: 4 source=1875.1020005 assignment#page1.tif source=1875.1020005 assignment#page2.tif source=1875.1020005 assignment#page3.tif source=1875.1020005 assignment#page4.tif											

OP \$40.00 12961151

501475347

PATENT
REEL: 025998 FRAME: 0079

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): 1. Klaas Bult 2. Rudy van de Plassche 3. Pieter Vorenkamp and 4. Arnoldus Venes, 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 Variable Gain Amplifier for Low Voltage Applications for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1. 5/15/01 2. 5/15/01 3. 5/15/01 and 4. 5/15/01 (also known as United States Application No. 09/747,159, filed December 20, 2000), 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 inventor(s) hereby grant(s) 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.

Kay, 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; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, 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: 5/15/2001 Signature of Inventor: _____

Klaus Bohn

Date: 5/15/2001 Signature of Inventor: _____

Rudy van de Plassche

Date: _____ Signature of Inventor: _____

Pieter Vorenkamp

Date: _____ Signature of Inventor: _____

Arnoldus Venes

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): 1. Klaas Bult, 2. Rudy van de Plassche, 3. Pieter Vorenkamp and 4. Arnoldus Venes, 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,

RES
5/5/01
(a) in the invention(s) known as Variable Gain Amplifier for Low Voltage Applications, for which application(s) for patent in the United States of America has (have) been executed by the undersigned on 1. 5/5/01, 2. 5/5/01, 3. 5/5/01, and 4. 5/5/01 (also known as United States Application No. 09/747,159, filed December 20, 2000), 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 inventor(s) hereby grant(s) 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.

Kay, 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; all of STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C., 1100 New York Avenue, N.W., Suite 600, 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: _____ Signature of Inventor: _____
Klaas Bult

Date: _____ Signature of Inventor: _____
Rudy van de Plassche

Date: MAY 10, 2001 Signature of Inventor: 
Pieter Vorenkamp

Date: MAY 10, 2001 Signature of Inventor: 
Arnoldus Venes