

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael YOUSSEF	09/09/2009
Ahmad MIRZAEI	09/09/2009
Hooman DARABI	09/09/2009

RECEIVING PARTY DATA

Name:	Broadcom Corporation
Street Address:	5300 California Avenue
City:	Irvine
State/Country:	CALIFORNIA
Postal Code:	92617

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12557149

CORRESPONDENCE DATA

Fax Number: (202)371-2540
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 202-371-2600
 Email: jhelvey@skgf.com
 Correspondent Name: Sterne Kessler Goldstein & Fox, P.L.L.C.
 Address Line 1: c/o Jeffrey T. Helvey
 Address Line 2: 1100 New York Avenue, NW
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	2875.4190000
NAME OF SUBMITTER:	Jeffrey T. Helvey, Reg. 44,757

Total Attachments: 2
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OP \$40.00 12557149

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**PATENT
 REEL: 023214 FRAME: 0358**

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) or equivalent and other good and valuable consideration paid to the undersigned inventors: **Michael YOUSSEF**, **Ahmad MIRZAEI**, and **Hooman DARABI**, hereby sell and assign to **Broadcom Corporation**, a corporation formed under the laws of California, whose mailing address is 5300 California Avenue, Irvine, CA 92617 (hereafter referred to as 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, for the United States of America (as defined in 35 U.S.C. § 100) and throughout the world,

(a) in the invention known as **Feedback-Based Linearization of Voltage Controlled Oscillator** for which application for patent in the United States of America has a filing date (herewith) (also known as United States Application No. (to be assigned)), 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 non-provisional applications, continuing (continuation, divisional, or continuation-in-part) 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 non-provisional, 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 non-provisional, 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.

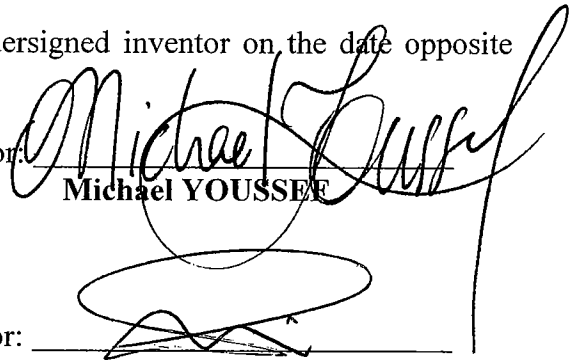
The undersigned inventors hereby represent that he/she has full right to convey the entire interest herein assigned, and that he/she has not executed, and will not execute, any agreement in conflict therewith.

The undersigned inventors hereby grant the patent practitioners associated with **CUSTOMER NUMBER 49579** the 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/her name.

Date: 9/9/09

Signature of Inventor:



Michael YOUSSEF

Date: 9/9/9

Signature of Inventor:



Ahmad MIRZAEI

Date: 9/9/9

Signature of Inventor:



Hooman DARABI