

FORM PTO-1619A

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Month Day Year

Party 1	Hooman Darabi	11/9/2001
Party 2	Ahmadreza Rofougaran	11/9/2001
Party 3	Brima Ibrahim	11/9/2001
Party 4		
Party 5		
Party 6		

Receiving Party☒ Mark if additional name of conveying parties attached

Name (line 1) Broadcom Corporation
Name (line 2)
Address 16215 Alton Parkway
Address Irvine California 92618-7013
City State/Country Zip Code

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Domestic Representative Name and Address

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Name Timothy W. Markison
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Address (line 2) Austin TX 78716-0727
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PATENT
REEL: 012330 FRAME: 0686

PATENT**Correspondent Name and Address Area Code and Telephone Number**

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Patent Application Numbers(s)**Patent Numbers**

09/993801

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

11/9/2001

Patent Cooperation Treaty (PCT)

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1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

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\$40.00

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Authorization to charge additional fees: Yes ☐No ☐**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. Charges to deposit account are authorized, as indicated herein.*

Timothy W. Markison

Name of Person Signing

Signature

Date

PATENT

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ASSIGNMENT for Patent Application

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 Hooman Darabi, Ahmadreza Rofougharan, and Brima Ibrahim, the undersigned inventor(s) hereby sell(s) and assign(s) to Broadcom Corporation, a California corporation having a principal place of business at 16215 Alton Parkway, Irvine, California 92618-7013 (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 et seq.),
☒ and throughout the world,

(a) in the invention(s) known as **INTEGRATED MULTIMODE RADIO AND COMPONENTS THEREOF** for which application(s) for patent in the United States of America has (have) been executed by the undersigned on the date(s) indicated below 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.

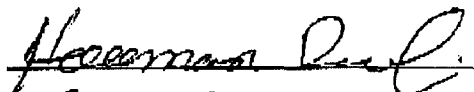
The undersigned inventor(s) agree(s) to execute all papers necessary in connection with any interference or patent enforcement action (judicial or otherwise) related to the application(s) or any continuing (continuation, divisional, or continuation-in-part), reissue or reexamination application(s) thereof 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): Bruce E. Garlick, Registration No. 36,520, James A. Harrison, Registration No. 40,401, Timothy W. Markison, Registration No. 33,534, and Shayne X. Short, Registration No. 45,105, and Robert C. Strawbrich, Registration No. 36,692; all of Garlick, Harrison & Markison, LLP, P.O. Box 160727, Austin, Texas 78716-0727, 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.

Hooman Darabi:  Date: 11/9/01

Brima Ibrahim:  Date: 11/9/01

Ahmadreza Rofougaran:  Date: 9-11-2001

: _____ Date: _____

: _____ Date: _____

: _____ Date: _____