

FORM PTO-1619A

expires 06/30/99
omb 0651-0027U.S. Department of Commerce
Patent and Trademark Office**PATENT**

03-04-2004



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Party 1	Baoguo Yang
Party 2	Nelson Sollenberger
Party 3	
Party 4	
Party 5	
Party 6	

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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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Enter for the first Receiving Party Only

Name	Robert A. McLauchlan		
Address (line 1)	P. O. Box 160727		
Address (line 2)	Austin	TX	78716-0727
Address (line 3)			
Address (line 4)			

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Correspondent Name and Address		Area Code and Telephone Number		(512) 228-3611
Name (line 1)	Robert A. McLauchlan			
Name (line 2)				
Address	P. O. Box 160727			
Address	Austin	TX	78716-0727	
	City	State/Country	Zip Code	

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Application Number(s) or Patent Number(s)			<input type="checkbox"/> Mark if additional numbers attached		
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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

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Patent Cooperation Treaty (PCT)	PCT		PCT		PCT	
Enter PCT application number only if a U.S. Application Number has not been assigned.	PCT		PCT		PCT	

Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ \$40.00

Method of Payment: Enclosed ☒ Deposit Account ☐

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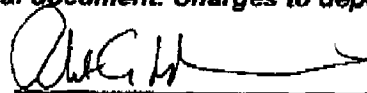
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Robert A. McLauchlan



2/23/2004

Name of Person Signing

Signature

Date

ASSIGNMENT

WHEREAS, the undersigned inventors, hereinafter called the "Assignors", have invented a new and useful invention entitled:

SYSTEM AND METHOD TO IDENTIFY A MODULATION FORMAT OF A DATA FRAME WITHIN A CELLULAR WIRELESS NETWORK

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

WHEREAS, **Broadcom Corporation**, a USA company having a principal office and place of business at, 16215 Alton Parkway Irvine California 92618-7013 hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

FURTHER, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional

