FORM PTO-1619A expires 06/39/99

expires 06/39/99 omb 0651-0027

4204

04-09-2004



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U.S. Department of Commerce Patent and Trademark Office

PATENT

2390 U.S. PTO

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Resubmission (Non-Recordation) Document ID#				License Change of Name			
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	Corrective Document (For Use ONLY by U.S. Government Agencies)						
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Conveying Party(ies) Mark if additional name of conveying parties attached O S 7 5 Month Day Year							
Party 1		Jason A. T	rachewsky	3/8/2004			
Party 2	Alan Corry			3/26/2004			
Party 3		Venkat I	Kodavati	3/30/2004			
Party 4							
Party 5							
Party 6							
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Name (line 1)	Broadc	om Corporation	-	If document to be recorded is an assignment and the			
Name (line 2)				receiving party is not domiciled in the United			
Address I	16215	Alton Parkway		States, an appointment of a domestic			
<u> </u>	10213	Attoli i arkway		representative is attached.			
Address	Irvine	Irvine California		92618-7013 (Designation must be a separate document from			
		City	State/Country	Zip Code Assignment)	!		
Domestic	Repre	sentative Na	me and Address	Enter for the first Receiving Party Only			
Name	Name Timothy W. Markison						
Address (li	Address (line 1) P.O. Box 160727						
Address (line 2) Austi		Austin	TX	78716-0727			
Address (line 3)			70.70 0727	:			
Address (line 4)							
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PATENT

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Correspon	dent Name and	Address Area Cod	le and Tele _l	ohone Num	ber	(512) 342	2-0612		
Name (line 1)	Timothy W. Markiso	n							
Name (line 2)									
Address	P.O. Box 160727								
Address	Austin	TX		78716-0727					
	City	State/Coun	try	Zip Code					
	Enter the total num including any attac	ber of pages of the a hments.	ittached con	veyance doc	ument	#	2		
Enter either t	the Patent Application I atent Application atent Application this being filed together irst named executing inv	with a new Patent Applica	umber (DO NO	P	TH number	nth Day	Year]	
Enter PCT a	operation Treaty pplication number o plication Number n assigned.			СТ		PCT			
Number of	Properties Ente	er the total number	of properti	es involved	. #	1]	
Fee Amo	ount Fee Am	ount for Properti	es Listed (37 CFR 3.4	1): \$	\$40.00)		
Method of Deposit Ac (Enter for pay	ccount	unt or if additional fees	_	ed to the acco	er #	50-21 Yes X	26 No]	
Statement	and Signature								
To the best	of my knowledge	and belief, the fore of the original docu	egoing infolument. Cha	rmation is t rges to dep	rue and (osit acco	correct a ount are	nd any authorized, a	15	
Timothy W.			J MIM				4-2-04		
Name of	Person Signing		Signatu	re			Date		

PATENT

REEL: 015193 FRAME: 0459

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ASSIGNMENT

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

MULTIMODE WIRELESS COMMUNICATION DEVICE

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

papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below.

Q. Thy	3/8/04	alen Comy	3/26/04
Jason A. Trachewsky	date	Alan Coley	' date
k.v.loo	3 30/04		
Venkat Kodavati	date		date
	date		date

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IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below.

RECORDED: 04/02/2004

Q. Thy	3/8/04	alen Com	3/26/04
Jason A. Trachewsky	date	Alan Corry	date
K.V.Poo.	3 30/04		
Venkat Kodavati	date		date
	date .		date