FORM PTO-1595		04-10-2000	EPARTMENT OF COMMERCE	
1-31-92	RECORD,	1912 181 66 0 1930 110 110 610 610 610 610 610 610 610 610 610 610 610 610	Patent and Trademark Office	
To the Honorable Commissioner	of Patents and Tra	101314405	.1 documents or copy thereof.	
1. Name of Conveying Party(ies):		2. Name and Address of rec	eiving Party(ies):	
Tom P.E. Broekaert 3925 N. Ceanothus Place #F Calabasas, CA 91302		RAYTHEON COM	IPANY (Delaware corporation)	
Execution date: 2/20/00 Individual/Citizenship: Belgium	Andrew Communication of the second of the se			
Additional name(s) of conveying party Yes x No	(ies) attached?			
3. Nature of conveyance:		Street Address: 141 Spring	Street Address: 141 Spring Street	
X Assignment	Merger			
Security Agreement	Change of Name	,		
Other		, , , , , , , , , , , , , , , , , , , ,	e: MA Zip: 02421	
Execution Date: 2/20/00		Additional name(s) & address(es) attached?	Yes X No	
4. Application number(s) or patent nur	mher(s):	address(es) attached?		
If this document is being filed togeth	* '	a, the execution date of the applic	ation is:	
A. Patent Application No.(s)	11	B. Patent No.(s)		
00/470 041 61 11/5/00				
09/478,041, filed 1/5/00	A didiate d	 N. 1		
5. Name and address of party to whom		Numbers attached? 6. Total number of application	Yes X No	
concerning document should be mailed		o. Total number of applicant	ons and patents involved: One	
Name: Harold E. Meier		7. Total Fee (37 CFR 3.41):	\$ 40.00	
Internal Address: BAKER BOTTS L.L.P.		X Enclosed		
Street Address: 2001 Ross A	Avenue	Authorized to be c	harged to deposit account	
		8. Deposit account nun	nber:	
City: Dallas	75201 2000			
State: Texas Zip:	75201-2980		of this page if paying by deposit account)	
	DONOTOS	SE THIS SPACE		
9. Statement and signature. To the best of my knowledge as a true copy of the original doc	nd belief, the foregoing in ument.	nformation is true and correct and	d any attached copy is	
Harold E. Meier	Shirold	2. Maria	3 01 00	
Name of Person Signing	Signature	c. row	3-01-00 Date	
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DAL01:509383-1

PATENT REEL: 010657 FRAME: 0827

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Raytheon Company. (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 141 Spring Street, Lexington, Massachusetts 02421, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

PATENT REEL: 010657 FRAME: 0828 2

Title of Invention:

SYSTEM FOR QUANTIZING AN ANALOG SIGNAL UTILIZING A RESONANT TUNNELING DIODE BRIDGE

Signature of Inventor:

Inventor's Name:

Tom P.E. Broekaert

Residence (City, County, State)

Calabasas, Los Angeles County, California

Date:

Date Application Executed:

February 20, 2000 February 20, 2000

RECORDED: 03/01/2000