

06-08-2000



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- New
- Resubmission (Non-Recordation)
Document ID#
- Correction of PTO Error
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Conveyance Type

- Assignment Security Agreement
 - License Change of Name
 - Merger Other
- U.S. Government**
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- Departmental File Secret File

Conveying Party(ies)

- Mark if additional names of conveying parties attached
- | Name (line 1) | Execution Date
Month Day Year |
|------------------|----------------------------------|
| Linder, Lloyd F. | 05 18 00 |
| Name (line 2) | |

Second Party

- | Name (line 1) | Execution Date
Month Day Year |
|--------------------|----------------------------------|
| Duong, Clifford N. | 05 23 00 |
| Name (line 2) | |

Receiving Party

- Mark if additional names of receiving parties attached
- If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

- Name (line 1) Raytheon Company
- Name (line 2) a Corporation of Delaware
- Address (line 1) 141 Spring Street
- Address (line 2)
- Address (line 3) Lexington MA/USA 02421-7899
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

- Name
- Address (line 1)
- Address (line 2)
- Address (line 3)
- Address (line 4)

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U.S. Department of Commerce
Patent and Trademark Office
PATENT

JCT59 U.S. PTO
09/579596

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

		Execution Date
		Month Day Year
Name (line 1)	Devendorf, Don C.	05 18 00
Name (line 2)		
Name (line 1)		
Name (line 2)		
Name (line 1)		
Name (line 2)		

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code
Name (line 1)		<input type="checkbox"/> If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)	
Name (line 2)			
Address (line 1)			
Address (line 2)			
Address (line 3)	City	State/Country	Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		

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

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

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

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

Method of Payment: Enclosed Deposit Account

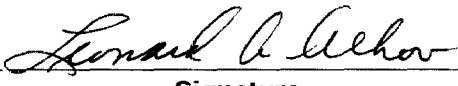
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

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.

Leonard A. Alkov  05/26/00

Name of Person Signing **Signature** **Date**

ASSIGNMENT

WHEREAS, I, as below named sole inventor of the city and state as stated below next to my name, have invented "Low Noise, Low Distortion, Muxable Gilbert Mixer Signal Processing System and Method With AGC Functionality" for which application for Letters Patent of the United States has been executed by me on this day; and

WHEREAS, RAYTHEON COMPANY, a Delaware Corporation, having its principal place of business in Lexington, Massachusetts, is desirous of acquiring the entire and exclusive right, title and interest in, to and under said invention, said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world;

NOW, THEREFORE, in consideration of the obligations voluntarily assumed by me and set forth in an invention agreement between me and my employer, effective the date as stated below next to my name, and other good and valuable consideration, receipt of which is hereby acknowledged, I do hereby sell, assign and transfer to RAYTHEON COMPANY, its successors, assigns or other legal representatives, the entire and exclusive right, title and interest in and to said invention invented by me, to said application and any and all applications which are continuations, continuations-in-part, divisions or substitutes of said application and any and all Letters Patent that may be granted therefor in the United States and throughout the world on any of said applications and to any and all reexaminations, reissues, renewals or extensions of said Letters Patent in the United States and throughout the world for the full term or terms for which said Letters patent may be granted in the United States and throughout the world; authorize and request The Commissioner of Patents and Trademarks of the United States and all foreign countries to issue all such Letters Patent to said RAYTHEON COMPANY, its successors, assigns or other legal representatives; convenient that no assignment, sale, agreement, transfer or encumbrance has been, or will be, made or entered into which would conflict with this assignment, sale and transfer; and agree to communicate to RAYTHEON COMPANY, its successors, assigns or other legal representatives, upon request and at no cost or expense to me, any facts known by me respecting said invention, do all lawful acts, including the execution and delivery of all papers and proper oaths and giving of testimony that is deemed necessary or desirable by RAYTHEON COMPANY, its successors, assigns or other legal representatives with regard to said invention for protecting, obtaining, maintaining and enforcing any and all of said Letters Patent in the United States and throughout the world for said invention and for perfecting, affirming, recording and maintaining the title of RAYTHEON COMPANY, its successors, assigns or other legal representatives, and generally cooperate to the fullest extent in all matters pertaining to said invention, and any and all of said Letters Patent and the title thereto in RAYTHEON COMPANY, its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, we have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Lloyd F. Linder	<i>Lloyd F. Linder</i>	05/18/00
RESIDENCE (CITY AND STATE)		CITIZENSHIP
Agoura Hills, California		USA
POST OFFICE ADDRESS		INVENTION AGREEMENT DATE
3730 Patrick Henry, Agoura Hills, CA 91301		July 8, 1985

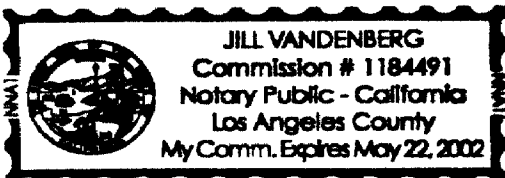
FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Clifford N. Duong	<i>Cliff Duong</i>	05-23-00
RESIDENCE (CITY AND STATE)		CITIZENSHIP
Fountain Valley, California		USA
POST OFFICE ADDRESS		INVENTION AGREEMENT DATE
9119 La Estrella Avenue, Fountain Valley, CA 92708		January 4, 1995

FULL NAME OF SOLE OR JOINT INVENTOR	INVENTOR'S SIGNATURE	DATE
Don C. Devendorf	<i>Don C. Devendorf</i>	5/10/00
RESIDENCE (CITY AND STATE)		CITIZENSHIP
Carlsbad, California		USA
POST OFFICE ADDRESS		INVENTION AGREEMENT DATE
2016 Caracol Court, Carlsbad, CA 92009		July 10, 1995

STATE OF California)
 COUNTY OF Los Angeles) SS:
 On May 18, 2000 before me, Jill Vandenberg, a Notary Public in and for said State,
 personally appeared Lloyd F. Linder

_____ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(ies), and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Notary Public Jill Vandenberg
 Commission Expires: _____

STATE OF California)
COUNTY OF Los Angeles)

SS:

On May 18, 2000 before me, Jill Vandenberg, a Notary Public in and for said State,
personally appeared Don C. Devendorf

_____ personally known to me or X proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

Jill Vandenberg
Commission Expires: _____



STATE OF _____)
COUNTY OF _____)

SS:

On _____ before me, _____, a Notary Public in and for said State,
personally appeared _____

_____ personally known to me or _____ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

Commission Expires: _____