

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)Chetan Gandhi
Reinhardt W. Krueger
Stan W. LivingstonAdditional name(s) of conveying party(ies) attached? Yes No**2. Name and address of receiving party(ies)**Name: Raytheon Company

Internal Address: _____

Intellectual Property & Licensing

Street Address: _____

870 Winter StreetCity: WalthamState: MACountry: USZip: 02451Additional name(s) & address(es) attached? Yes No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) Oct 30, 2007, Nov 26, 2007, Dec 10, 2007 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other _____**4. Application or patent number(s):** This document is being filed together with a new application.

A. Patent Application No.(s)

11/981,159

B. Patent No.(s)

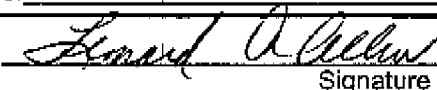
Additional numbers attached? Yes No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Raytheon CompanyInternal Address: EO/E04/N119Intellectual Property & LicensingStreet Address: 2000 East El Segundo BoulevardPO Box 902City: El SegundoState: CAZip: 90245-0902Phone Number: 310-647-2577Fax Number: 310-647-2616

Email Address: _____

6. Total number of applications and patents involved: one (1)**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00** Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)**8. Payment Information**

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 50-0616Authorized User Name Leonard A. Alkov**9. Signature:**
Signature

December 18, 2007

Date

Leonard A. Alkov

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

5

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 500616 11981159

Raytheon

PATENT

ASSIGNMENT

Attorney Docket No. 05W227

Page 1 of 4

WHEREAS, I, as below named sole inventor (if only one name is listed below) or joint inventor (if plural names are listed below) of the city and state as stated below next to my name, have invented a (an)

HIGH POWER COMMUTATING MULTIPLE OUTPUT AMPLIFIER SYSTEM

for which application for Letters Patent of the United States has been executed by me, or (*if the following is completed*) was filed as Application No. 11/981,159 on October 31, 2007, and

WHEREAS, RAYTHEON COMPANY (hereinafter referred to as RAYTHEON), a Delaware corporation, having its principal place of business in Waltham, 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, 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 Director of the United States Patent and Trademark Office and all foreign countries to issue all such Letters Patent to said RAYTHEON, its successors, assigns or other legal representatives; covenant 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, 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, 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, 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, its successors, assigns or other legal representatives.

PATENT

REEL: 020268 FRAME: 0397

Raytheon

ASSIGNMENT

Attorney Docket No. 05W227
Page 2 of 4

Title: HIGH POWER COMMUTATING MULTIPLE OUTPUT AMPLIFIER SYSTEM

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Chetan Gandhi	INVENTOR'S SIGNATURE <i>Chetan Gandhi</i>	DATE SIGNED 10/30/07
RESIDENCE (CITY AND STATE) Cerritos, California		INVENTION AGREEMENT DATE August 16, 1999

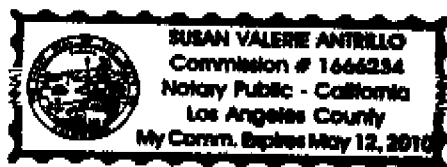
STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS:On October 30, 2007, before me, Susan Valerie Antrillo,
Notary Public, personally appeared Chetan Gandhi personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument 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

Susan Valerie Antrillo
Susan Valerie Antrillo

[seal]



Attorney Docket No. 05W227

Raytheon

ASSIGNMENT

Attorney Docket No. 05W227
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Title: HIGH POWER COMMUTATING MULTIPLE OUTPUT AMPLIFIER SYSTEM

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Reinhardt W. Krueger	INVENTOR'S SIGNATURE <i>Reinhardt W. Krueger</i>	DATE SIGNED 11/26/07
RESIDENCE (CITY AND STATE) Anaheim, California		INVENTION AGREEMENT DATE August 25, 1978

STATE OF CALIFORNIA)
COUNTY OF Orange) SS:

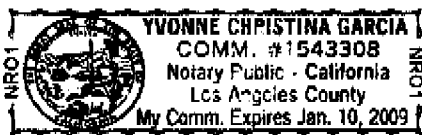
On November 26, 2007, before me, Yvonne Christina Garcia,
Notary Public, personally appeared Reinhardt W. Krueger

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 *Yvonne Christina Garcia*

[seal]



Raytheon

ASSIGNMENT

Attorney Docket No. 05W227

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Title: HIGH POWER COMMUTATING MULTIPLE OUTPUT AMPLIFIER SYSTEM

IN WITNESS WHEREOF, I have executed this instrument.

FULL NAME OF SOLE OR JOINT INVENTOR Stan W. Livingston	INVENTOR'S SIGNATURE <i>Stan W. Livingston</i>	DATE SIGNED 12/16/07
RESIDENCE (CITY AND STATE) Fullerton, California		INVENTION AGREEMENT DATE May 31, 1983

STATE OF CALIFORNIA)
COUNTY OF Los Angeles) SS:

On December 10, 2007, before me, Susan Valerie Antreillo,
Notary Public, personally appeared Stan W. Livingston

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

Susan Valerie Antreillo

[seal]

