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03-07-2005



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OMB No. 0651-0027 (exp. 5/31/2002)

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
RAYTHEON COMPANY

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Other Confirmatory Instrument

Execution Date: 9/8/04

2. Name and address of receiving party(ies)

Name: Navy Secretary of the United States

Internal Address: Office of Naval Research

Street Address: 800 North Quincy Street

City: Arlington State: VA Zip: 22217-5660

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) 6,456,214  
6,509,859

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Commanding Officer

Internal Address: Space and Naval Warfare

Systems Center, San Diego

Office of Patent Counsel, Code 20012

Street Address: 53510 Silvergate Avenue, Rm 10

City: San Diego State: Ca Zip: 92152-5765

6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41).....\$ No fee req'd

☐ Enclosed

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8. Deposit account number:

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Name of Person Signing

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Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 016323 FRAME: 0023

CONFIRMATORY INSTRUMENT

Ref No. 97E935

Title: HIGH-SPEED COMPARATOR UTILIZING RESONANT TUNNELING  
DIODES AND ASSOCIATED METHOD

Inventor(s): J. Paul A. van der Wagt

Serial No.: 09/670,765

Patent No. US 6,456,214 B1

Filing Date: Sep. 27, 2000

Issue Date: Sep. 24, 2002

Contract: N66001-96-C-8620

Contractor: Raytheon Company

The above-identified invention is a Subject Invention under the terms of the identified contract and the FAR 52.227-12 Patent Rights clause incorporated therein.


Contractor elected to retain title to the Subject Invention in the United States.

Subject to the terms of the Contract and applicable regulations, this instrument confirms the Federal Government's nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced, for or on behalf of the United States the Subject Invention. A statement of Government rights will be included by Certificate of Correction.

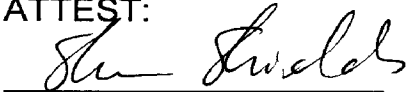
The Government is hereby furnished an irrevocable power to inspect and make copies of the patent application file.

Signed this 17<sup>th</sup> day of June 2003.

RAYTHEON COMPANY

by:   
René E. Grossman, Patent Counsel

ATTEST:



[SEAL]

CONFIRMATORY INSTRUMENT

Ref No. 99E945

Title: METHOD AND SYSTEM FOR QUANTIZING AN ANALOG SIGNAL

Inventor(s): Jan Paul van der Wagt

Serial No.: 09/938,099

Patent No. US 6,509,859 B1

Filing Date: Aug 22, 2001

Issue Date: Jan 21, 2003

Contract: N66001-96-C-8620

Contractor: Raytheon Company

The above-identified invention is a Subject Invention under the terms of the identified contract and the FAR 52.227-12 Patent Rights clause incorporated therein.

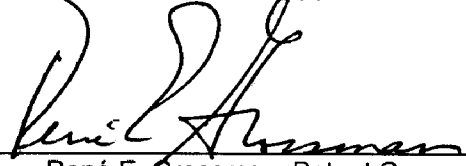
Contractor elected to retain title to the Subject Invention in the United States.

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Signed this 17<sup>th</sup> day of June 2003.

RAYTHEON COMPANY

by:   
René E. Grossman, Patent Counsel

ATTEST:



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