



09/11/2013



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RECORDATION FOR
PATENTS

103661776

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)

Raytheon Company

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 17 June 2002; 20 June 2002

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: U.S. Navy as represented by the Secretary of the Navy

Internal Address: _____

Street Address: 1250 10th Street S.E. Suite 3600

City: Washington Navy Yard

State: D.C.

Country: U.S.A. Zip 20374-5127

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

10/042,727

Additional numbers attached? ☐ Yes ☒ No

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

Name: Strategic Systems Programs

Internal Address: _____

Street Address: 1250 10th Street S.E.

Suite 3600 (ATTN: SPLe-4)

City: Washington Navy Yard

State: D.C. Zip 20374-5127

Phone Number 202-433-9774

Docket Number: NC 79665

Email Address: sple4@ssp.navy.mil

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☒ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 50-1113

09/11/2013 KNGUYEN1 00000010 501113 10042727
Authorized User Name Darrell E. Hollis
01 FC:8021 40.00 DA

9. Signature:

Darrell E. Hollis

Signature

3 July 2013

Date

Darrell E. Hollis

Name of Person Signing

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

3

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

ASSIGNMENT

TITLE OPTICALLY READABLE FERROELECTRIC MEMORY CELL			
INVENTOR(S) (Names) JOHN J. DRAB DAVID A. ROBINSON		CONTRACTOR Raytheon Company	
		CONTRACT NO. Subcontract DL-H-454775 under N00030-93-C-0002	GOVERNMENT AGENCY U. S. Navy
		CONTRACTOR INVENTION DOCKET NO. PD-93206	AGENCY DOCKET NO. N. C. 79665
		DATE EXECUTED 20 June 2002	SERIAL NO. 10/042,727

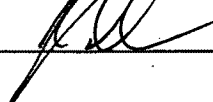
The undersigned Inventor(s), in recognition of his (their) obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government under the above contract, hereby assigns (assign) to the United States of America, subject to a nonexclusive and royalty-free license which is hereby reserved to the Contractor, all right, title and interest in and to each invention disclosed and claimed in the above U.S. patent application.

The license reserved to the Contractor shall extend to all existing and future associated and affiliated companies, if any, within the corporate structure of which the Contractor is a part and shall be assignable to the successor of that part of the Contractor's business to which such invention pertains.

The Inventor(s) further agrees (agree) to assist the Contractor, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to make this assignment effective.

The Contractor joins in and agrees to the foregoing assignment, and except for the above reservation of a license relinquishes and assigns all right, title and interest in and to such invention, and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for patent (including prosecution and settlement of interferences), and any substitution, division, continuation-in-part, or continuation of such patent application and any application for reissue of any patent resulting from such patent application.

Raytheon Company acquired rights to this invention from Hughes Aircraft Company by formal agreement. Subcontract DL-H-454775 was initially between Hughes Aircraft Company and The Charles Stark Draper Laboratory, Inc.

20 June '02		(Seal)
DATE	INVENTOR	
		(Seal)
DATE	INVENTOR	
		(Seal)
DATE	INVENTOR	
		(Seal)
DATE	INVENTOR	

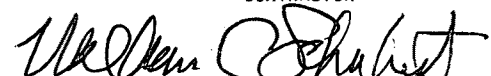
SIGNED THIS 20th DAY OF June, 2002

ATTEST:

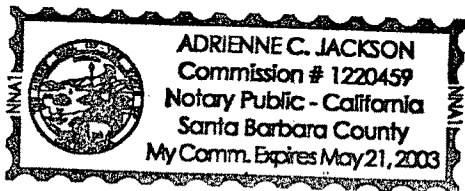


Raytheon Company

CONTRACTOR

BY 
William C. Schubert

(Seal)



PATENT

REEL: 031304 FRAME: 0984

ASSIGNMENT

TITLE OPTICALLY READABLE FERROELECTRIC MEMORY CELL				
INVENTOR(S) (Names) JOHN J. DRAB DAVID A. ROBINSON		CONTRACTOR Raytheon Company		
		CONTRACT NO. Subcontract DL-H-454775 under N00030-93-C-0002	GOVERNMENT AGENCY U. S. Navy	
		CONTRACTOR INVENTION DOCKET NO. PD-93206	AGENCY DOCKET NO. N. C. 79665	
		DATE EXECUTED 17 June 2002	SERIAL NO. 10/042,727	FILING DATE 26 June 2002

The undersigned Inventor(s), in recognition of his (their) obligation as employee(s) of the Contractor to assign inventions to the Contractor, and pursuant to the obligations of the Contractor to the Government under the above contract, hereby assigns (assign) to the United States of America, subject to a nonexclusive and royalty-free license which is hereby reserved to the Contractor, all right, title and interest in and to each invention disclosed and claimed in the above U.S. patent application.

The license reserved to the Contractor shall extend to all existing and future associated and affiliated companies, if any, within the corporate structure of which the Contractor is a part and shall be assignable to the successor of that part of the Contractor's business to which such invention pertains.

The Inventor(s) further agrees (agree) to assist the Contractor, and the Government, upon request, by furnishing any available information and documents, and by performing all acts and doing all things which may be reasonably necessary to make this assignment effective.

The Contractor joins in and agrees to the foregoing assignment, and except for the above reservation of a license relinquishes and assigns all right, title and interest in and to such invention, and further agrees to furnish to the United States of America, upon request, any available information and documents necessary for the prosecution of the above-identified application for patent (including prosecution and settlement of interferences), and any substitution, division, continuation-in-part, or continuation of such patent application and any application for reissue of any patent resulting from such patent application.

Raytheon Company acquired rights to this invention from Hughes Aircraft Company by formal agreement. Subcontract DL-H-454775 was initially between Hughes Aircraft Company and The Charles Stark Draper Laboratory, Inc.

June 14, 2002
DATE

David A. Robinson
INVENTOR (Seal)

DATE

INVENTOR (Seal)

DATE

INVENTOR (Seal)

DATE

INVENTOR (Seal)

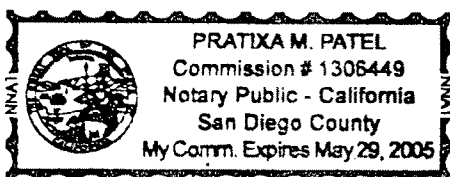
SIGNED THIS 14 DAY OF JUNE, 2002

ATTEST:

Pratixa M. Patel

Raytheon Company
CONTRACTOR

(Seal)



BY William C. Schubert
William C. Schubert

PATENT

4-22920