

PTAS FAX NO. (703) 306-5995

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

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

RECORDATION FORM COVER SHEET PATENTS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ **New**
- ☐ **Resubmission (Non-Recordation)**
Document ID#
- ☐ **Correction of PTO Error**
Reel # Frame #
- ☐ **Corrective Document**
Reel # Frame #

Conveyance Type

- ☐ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☒ **Merger** ☐ **Other**
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- ☐ **Departmental File** ☐ **Secret File**

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) **Raytheon Optical Systems, Inc.**

Execution Date
Month Day Year
12291998

Name (line 2) **a corporation of Delaware**

Second Party

Name (line 1)

Execution Date
Month Day Year

Name (line 2)

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) **Raytheon Company**

☐ 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) **a corporation of Delaware**

Address (line 1) **Office of the General Counsel**

Address (line 2) **141 Spring Street**

Address (line 3) **Lexington**

Massachusetts

02421

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)

FOR OFFICE USE ONLY

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20503

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RAYTHEON FAX NO. (805) 562-4120

REEL: 011190 FRAME: 0729

FORM PTO-1619C
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**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

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

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)	Execution Date Month Day Year
Name (line 2)	
Name (line 1)	Execution Date Month Day Year
Name (line 2)	
Name (line 1)	Execution Date Month Day Year
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)		<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.)
Address (line 3)		
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)		<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.)
Address (line 3)		
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)

4600307	4624538	
4668083	4895436	
4870621	5131611	
4897325		
4650321		

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U.S. Department of Commerce
Patent and Trademark Office
PATENT**Correspondent Name and Address**Area Code and Telephone Number **8055622108**Name **Raytheon Company**Address (line 1) **Patent Docket Administration**Address (line 2) **Bldg. EO/E1 M/S E150**Address (line 3) **P. O. Box 902**Address (line 4) **E1 Segundo, California 90245-0902****Pages**

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

3**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)

4492669**5020901****4512107****4620790****4550973****4594002****4593187****4857721****4806747**

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

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Number of PropertiesEnter the total number of properties involved. # **17****Fee Amount**Fee Amount for Properties Listed (37 CFR 3.41): \$ **680**

Method of Payment:

Deposit Account

Enclosed ☐Deposit Account ☒

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

Deposit Account Number:

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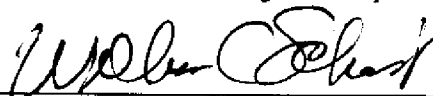
Authorization to charge additional fees:

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.

William C. Schubert

Name of Person Signing



Signature

12-22-2000

Date

p-e/hdos.rosi/RTN

PATENT
REEL: 011190 FRAME: 0731

CERTIFICATE OF OWNERSHIP AND MERGER**OF****RAYTHEON OPTICAL SYSTEMS, INC.**
(a Delaware corporation)**INTO****RAYTHEON COMPANY**
(a Delaware corporation)

It is hereby certified that:

1. Raytheon Company (the "Corporation") is a business corporation of the State of Delaware.
2. The Corporation is the owner of all of the outstanding shares of the stock of Raytheon Optical Systems, Inc., which is also a business corporation of the State of Delaware.
3. On November 26, 1998, the Board of Directors of the Corporation adopted the following resolutions to merge Raytheon Optical Systems, Inc. into the Corporation:

VOTED: That the Plan of Liquidation heretofore presented to the Board, merging Raytheon Missile Systems Company; Applied Remote Technology, Inc.; Standard Missile Company, L.L.C.; Raytheon TI Systems, Inc.; Raytheon Tennessee Company; Raytheon Optical Systems, Inc.; Raytheon Systems Mississippi, Inc.; Raytheon Systems Georgia, Inc.; Raytheon Systems - South Carolina; Hughes Transportation Control Systems, Inc.; Raytheon Middle East Company and Raytheon Appliances/Amana Receivables Corporation (the "Liquidated Subsidiaries") into this Corporation, be, and it hereby is, adopted.

VOTED: That each Agreement and Plan of Merger heretofore presented to the Board, merging Raytheon Training, Inc. Amber Engineering, Inc. and Raytheon Information Systems Company (together with the Liquidated Subsidiaries, the "Subsidiaries") into this Corporation, be, and they hereby are, adopted and that all of the estate, property, rights, privileges, powers, and franchises of the Subsidiaries be vested in and held and enjoyed by this Corporation as fully and entirely and without change or diminution as the same were before held and enjoyed by the Subsidiaries in their name.

VOTED: That this Corporation assume all of the obligations of the Subsidiaries.

VOTED: That this Corporation shall cause to be executed and filed and/or recorded the documents prescribed by the laws of the State of Delaware, by the laws of the State of California, and by the laws of any other appropriate jurisdiction and will

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GENERAL COUNSEL

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cause to be performed all necessary acts within the jurisdiction of organization of the Subsidiaries and of this Corporation and in any other appropriate jurisdiction.

VOTED: That the effective time of the Certificate of Ownership and Merger setting forth a copy of these resolutions shall be December 29, 1998, or such other time as the officers of the Corporation shall deem appropriate, and that, insofar as the General Corporation Law of the State of Delaware shall govern the same, said time shall be the effective merger time.

4. The effective time of the merger shall be 11:59 p.m. on December 29, 1998.

Executed on December 29, 1998.

RAYTHEON COMPANY

By: 
John W. Kapples, III
Assistant Secretary

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DEC 31 1998 11:28AM

State of Delaware
Office of the Secretary of State

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"RAYTHEON OPTICAL SYSTEMS, INC.", A DELAWARE CORPORATION, WITH AND INTO "RAYTHEON COMPANY" UNDER THE NAME OF "RAYTHEON COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF DECEMBER, A.D. 1998, AT 10:06 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel

Edward J. Freel, Secretary of State

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AUTHENTICATION:

9496517

DATE:

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