

02-14-2001

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



101612623

U.S. Department of Commerce

Patent and Trademark Office

PATENT

JAN 16 2001

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Submission Type

☐ New

☐ Resubmission (Non-Recordation)

Document ID#

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011190

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0729

Conveyance Type

☐ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☒ Other

CORRECTS PN/4870621 TO 4810621

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)

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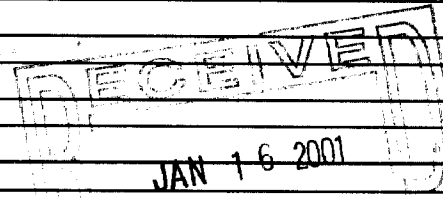
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Rosi.ray:D92080A

REF. 700003377A, FAX NOTES: DOCUMENT 1, BATACH 203794

PATENT
REEL: 011506 FRAME: 0155

Correspondent Name and AddressArea 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) **El 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)**

4810621		

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

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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.

1**Fee Amount**Fee Amount for Properties Listed (37 CFR 3.41): \$ **40**Method of Payment:
Deposit AccountEnclosed ☐ Deposit Account ☒

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

Deposit Account Number:

500616

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, Reg. 30,102**1-8-2001**

Name of Person Signing

Signature

Date

Rosi.ray:D92080A

PTAS FAX NO. (703) 306-5995

12/22/2000

FORM PTO-1619A
Superseded
OMB 0651-0037700003377
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Conveying Party(ies)

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Name (line 1) Raytheon Optical Systems, Inc.

Name (line 2) a corporation of Delaware

Execution Date
Month Day Year
12 29 1998

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

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Address (line 2) 141 Spring Street

Address (line 3) Lexington

Massachusetts

02421

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States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

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Address (line 3)

Address (line 4)

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rad:ray

RAYTHEON FAX NO. (805) 562-4120

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CONTINUATION
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Patent and Trademark Office
PATENT

Conveying Party(ies)
Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1)
Name (line 2)
Name (line 3)
Name (line 3)
Name (line 1)
Name (line 2)

Execution Date
Month Day Year
Execution Date
Month Day Year
Execution Date
Month Day Year
Execution Date
Month Day Year

Receiving Party(ies)
Enter additional Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
Address (line 2)
CityState/CountryZip Code
Name (line 1)
Name (line 2)
Address (line 1)
Address (line 2)
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Application Number(s) or Patent Number(s)
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

☐ Mark if additional numbers attached

Patent Application Number(s)
Patent Number(s)

4600307
4660083
4670621
4697325
4650321

4624538
4695436
8131611

Raytheon Fax No. (805) 562-4120

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s/b 48 10621

PATENT

REEL: 011506 FRAME: 0158

FORM PTO-1619B
Patent PTO-1619B
GPO 2001-0027

Page 2

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

Correspondent Name and Address

Area Code and Telephone Number **6055622100**Name **Raytheon Company**Address (line 1) **Patent Docket Administration**Address (line 2) **8140 N/O/E1 N/S E150**Address (line 3) **P. O. BOX 903**Address (line 4) **81 Segundo, California 90245-0903**

Pages

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including any attachments.# **3**

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Mark if additional numbers attached

Patent Application Number(s)

Patent Number(s)

4492669**5020901****4812107****4620798****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 examining inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number
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PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter 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.)

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500616

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Statement and Signature

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indicated herein.

William C. Schubert

Name of Person Signing



Signature

12-22-2000

Date

p-e/hdos.rosi/RTN

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

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.

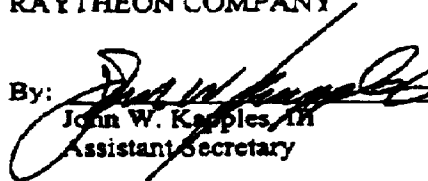
VOTED: That the effective time of the Certificate of Ownership and Merger setting forth a copy of these resolutions shall be December 29, 1998, or such other time as the officers of the Corporation shall deem appropriate, and that, insofar as the General Corporation Law of the State of Delaware shall 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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1 1 8688 ON

GENERAL COUNSEL

APR 11 1999 11:28AM

State of Delaware
Office of the Secretary of State

PAGE 1

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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981504930

AUTHENTICATION:

9496517

DATE:

12-30-98

2 P. 8688 ON

TECHNOLOGY COUNCIL

NOV 11 1998 11:00AM