

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																										
NATURE OF CONVEYANCE:	MERGER																										
EFFECTIVE DATE:	12/22/2012																										
CONVEYING PARTY DATA																											
<table border="1"> <thead> <tr> <th>Name</th> <th>Formerly</th> <th>Execution Date</th> <th>Entity Type</th> </tr> </thead> <tbody> <tr> <td>Photon Research Associates, Inc.</td> <td></td> <td>12/18/2012</td> <td>CORPORATION: CALIFORNIA</td> </tr> </tbody> </table>				Name	Formerly	Execution Date	Entity Type	Photon Research Associates, Inc.		12/18/2012	CORPORATION: CALIFORNIA																
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CORRESPONDENCE DATA																											
<p>Fax Number: 7815226465 <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Phone: 781-522-3051 Email: kate_e_emerson@raytheon.com Correspondent Name: Kate Emerson c/o Raytheon Company Address Line 1: 870 Winter Street Address Line 4: Waltham, MASSACHUSETTS 02451-1449</p>																											
ATTORNEY DOCKET NUMBER:	PHOTON MERGER																										
NAME OF SUBMITTER:	Kate Emerson																										

Signature:	/Kate Emerson/
Date:	08/27/2013
Total Attachments: 3 source=PRA_and_Raytheon_Merger_-_DE_Evidence_-_Dec_2012[1]#page1.tif source=PRA_and_Raytheon_Merger_-_DE_Evidence_-_Dec_2012[1]#page2.tif source=PRA_and_Raytheon_Merger_-_DE_Evidence_-_Dec_2012[1]#page3.tif	

Delaware

PAGE 1

The First State

I, JEFFREY W. BULLOCK, 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:

"PHOTON RESEARCH ASSOCIATES, INC.", A CALIFORNIA 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 EIGHTEENTH DAY OF DECEMBER, A.D. 2012, AT 6:38 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2012.

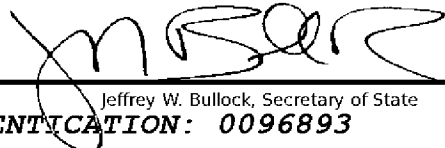
A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.

0472015 8100M

121360143



You may verify this certificate online
at corp.delaware.gov/authver.shtml


Jeffrey W. Bullock, Secretary of State
AUTHENTICATION: 0096893

DATE: 12-26-12

TRADEMARK
REEL: 005098 FRAME: 0137

CERTIFICATE OF OWNERSHIP AND MERGER

OF

PHOTON RESEARCH ASSOCIATES, INC.
(a California 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 Photon Research Associates, Inc., a business corporation of the State of California.
3. Pursuant to resolution of the Board of Directors of the Corporation (the "Raytheon Board") and delegation of authority by the Raytheon Board to Raytheon management, the following actions were adopted on December 18, 2012 to merge Photon Research Associates, Inc. into the Corporation:

That the Agreement and Plan of Liquidation and Merger attached hereto as Exhibit A merging Photon Research Associates, Inc. ("PRA") into the Corporation, be, and it hereby is, adopted and that all of the estate, property, rights, privileges, powers, and franchises of PRA be vested in and held and enjoyed by the Corporation as fully and entirely and without change or diminution as the same were before held and enjoyed by PRA in its name.

That the Corporation assume all of the obligations of PRA.

That the Corporation shall cause to be executed and filed and/or recorded the documents prescribed by the laws of the State of California and the State of Delaware and by the laws of any other appropriate jurisdiction, and will cause to be performed all necessary acts within the jurisdictions of organization of the Corporation and PRA and in any other appropriate jurisdiction.

That the term Authorized Officers as used herein include, together and singly, all officers of the Corporation and that any officer of the Corporation be, and each of them acting singly hereby is, authorized, empowered, and directed, without limitation, in the name and on behalf of the Corporation and under its corporate seal, if desired, attested by an appropriate officer, if desired, from

time to time to: (1) make, sign, execute, acknowledge, deliver, file, record and publish any and all orders, directions, requests, receipts, certificates or other instruments, papers and documents; and (2) perform any and all such acts and things as may be required or appropriate to carry out the terms and provisions of each of the foregoing resolutions and the transactions contemplated thereby (all such actions taken to date by any of the aforesaid Authorized Officers of the Corporation be, and they hereby are, ratified, affirmed and approved).

4. The effective time of this Certificate of Ownership and Merger shall be as of December 22, 2012.

Executed on December 18, 2012.

RAYTHEON COMPANY

By: /s/ Brooke M. Bartleson
Brooke M. Bartleson
Assistant Secretary