

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2595513

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	MERGER	
EFFECTIVE DATE:	12/17/1997	
CONVEYING PARTY DATA		
Name		Execution Date
HE HOLDINGS, INC.		12/17/1997
RECEIVING PARTY DATA		
Name:	RAYTHEON COMPANY	
Street Address:	870 WINTER STREET	
City:	WALTHAM	
State/Country:	MASSACHUSETTS	
Postal Code:	02451-1449	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Patent Number:	5591678	
CORRESPONDENCE DATA		
Fax Number:	(781)522-6465	
Phone:	781-522-3051	
Email:	kate_e_emerson@raytheon.com	
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>		
Correspondent Name:	KATE EMERSON C/O RAYTHEON COMPANY	
Address Line 1:	870 WINTER STREET	
Address Line 4:	WALTHAM, MASSACHUSETTS 02451-1449	
ATTORNEY DOCKET NUMBER:	092654-US-CNT	
NAME OF SUBMITTER:	KATE EMERSON	
Signature:	/Kate Emerson/	
Date:	10/29/2013	
Total Attachments: 3 source=Merger HE Holdings to Raytheon#page1.tif source=Merger HE Holdings to Raytheon#page2.tif source=Merger HE Holdings to Raytheon#page3.tif		

CH \$40.00 5591678

State of Delaware

Office of the Secretary of State

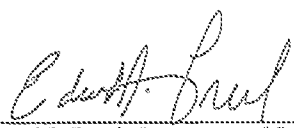
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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"RAYTHEON COMPANY", A DELAWARE CORPORATION,

WITH AND INTO "HE HOLDINGS, INC." 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 SEVENTEENTH DAY OF DECEMBER, A.D. 1997, AT 3:20
O'CLOCK P.M.




Edward J. Freel, Secretary of State

AUTHENTICATION:

0472015 8100M

DATE:

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12-14-98

PATENT

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CERTIFICATE OF MERGER

OF

RAYTHEON COMPANY

WITH AND INTO

HE HOLDINGS, INC.

Under Section 251

of

the Delaware General Corporation Law

THE UNDERSIGNED, HE Holdings, Inc. ("Defense") and Raytheon Company ("Raytheon"), in connection with the merger of Raytheon with and into Defense (the "Merger"), hereby certify as follows:

FIRST: The name and the state of incorporation of each of the constituent corporations are:

<u>NAME</u>	<u>State of Incorporation</u>
HE Holdings, Inc.	Delaware
Raytheon Company	Delaware

SECOND: An agreement and plan of merger relating to the Merger (the "Agreement of Merger") has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with Section 251 of the Delaware General Corporation Law.

THIRD: The name of the surviving corporation of the Merger is HE Holdings, Inc.

FOURTH: The Certificate of Incorporation of the surviving corporation shall be the Amended and Restated Certificate of Incorporation of HE Holdings, Inc. as filed with the Secretary of State of Delaware on December 12, 1997; provided, however, that Article I thereof shall be amended and restated as of the effectiveness of the Merger to read as follows:

Article I
Name

The name of the corporation (which is hereafter referred to as the "Corporation") is Raytheon Company."

FIFTH: The merger shall be effective at and as of 5:00 p.m. (Eastern Time) on December 17, 1997.

SIXTH: The executed Agreement of Merger is on file at the principal place of business of the surviving corporation at 141 Spring Street, Lexington, Massachusetts 02172.

SEVENTH: A copy of the Agreement of Merger will be furnished by the surviving corporation, on request and without cost, to any stockholder of either constituent corporation.

IN WITNESS WHEREOF, the undersigned corporations have duly executed this Certificate this 17th day of December 1997.

RAYTHEON COMPANY

By: Thomas D. Hyde

Name: THOMAS D. HYDE

Title: VICE PRESIDENT AND GENERAL COUNSEL

HE HOLDINGS, INC.

By: J.L. Williamson

Name: J.L. WILLIAMSON

Title: ASST. SECRETARY