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
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
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

Exhibit B-5

State of Delaware

Office of the Secretary of State

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: 9458971

DATE: 12-14-98

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STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 03:20 PM 12/17/1997
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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:

Name	State of Incorporation
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 ~~as~~ at the principal place of business of the surviving corporation at 141 Spring Street, Lexington, Massachusetts 02173.

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. Wi
Name: J. L. Williamson
Title: Assist. Secretary