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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	
Internal Address:	Office of the General Counsel	
City:	Waltham	
State/Country:	MASSACHUSETTS	
Postal Code:	02451	

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	5293036

CORRESPONDENCE DATA

Fax Number: (805)562-4120

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

Phone: 805-562-2108

Email: svantrillo@raytheon.com
Correspondent Name: William C. Schubert

Address Line 1: 2000 East El Segundo Boulevard POBox 902

Address Line 2: EO/E04/N119

Address Line 4: El Segundo, CALIFORNIA 90245-0902

ATTORNEY DOCKET NUMBER:	S88032 NCS
NAME OF SUBMITTER:	William C. Schubert

Total Attachments: 3

PATENT REEL: 016958 FRAME: 0687

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> PATENT REEL: 016958 FRAME: 0688

RICHARDS LAYTON & FINGER

STATE OF DELAWARE 0002
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:

Doc. VI.A.12

'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. (Bastern Time) on December 17, 1997.

SIXTH: The executed Agreement of Merger is on file as 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

Name: THIMAS D. HYde

TICLE: VICE PRESIDENT AND CENERAL

COUNSE L

HE HOLDINGS, INC.

Nate: J.L. Williamson Title: Asyst. Secretary

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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.



AUTHENTICATION:

0472015 8100M

DATE:

8985779

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RECORDED: 01/03/2006

REEL: 016958 FRAME: 0691