	/ -2003
Form PTO-1595 (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE (1) U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 6/30/2005)	4/ FR 4: D
•	668930 , MANCE STOTIO
	: Please record the attached original documents or copy thereove CTTO N
Name of conveying party(ies):	Name and address of receiving party(ies)
HE Holdings, Inc. $9-29-3$	Name: _Raytheon Company
a corporation of the state of Delaware	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes V No	a corporation of the state of Delaware
3. Nature of conveyance:	Office of the General Counsel
Assignment Merger	Street Address: 141 Spring Street
Security Agreement Change of Name	
Other	
	City: Lexington State: MA Zip: 02421
Execution Date:	Additional name(s) & address(es) attached? Yes V No
4. Application number(s) or patent number(s):	
., , , , , , , , , , , , , , , , , , ,	lication, the execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s) 5110299, 5112121,
, a. v. diente, pp. 100. (c)	5117676
Additional numbers a	ttached? Yes 🗸 No
Name and address of party to whom correspondence	
concerning document should be mailed:	
Name:Raytheon Company	7. Total fee (37 CFR 3.41)\$ 120.00
EO/E04/N119	Enclosed
Intellectual Property & Licensing	And
	Authorized to be charged to deposit account
	8. Deposit account number:
Street Address: 2000 East El Segundo Boulevard	8. Deposit account number:
Street Address: 2000 East El Segundo Boulevard P O Box 902	8. Deposit account number:
Street Address: 2000 East El Segundo Boulevard P O Box 902 City: El Segundo State: CA Zip: 90245	8. Deposit account number: 50-0616
Street Address: 2000 East El Segundo Boulevard P O Box 902 City: El Segundo State: CA Zip: 90245 DO NOT US	8. Deposit account number:
Street Address: 2000 East El Segundo Boulevard P O Box 902 City: El Segundo State: CA Zip: 90245	8. Deposit account number: 50-0616
Street Address: 2000 East El Segundo Boulevard P O Box 902 City: El Segundo State: CA Zip: 90245 DO NOT US 9. Signature.	8. Deposit account number: 50-0616
Street Address: 2000 East El Segundo Boulevard P O Box 902 City: El Segundo State: CA Zip: 90245 DO NOT US	8. Deposit account number: 50-0616 E THIS SPACE

10/07/20

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RICHARDS LAYTON & FINGER

STATE OF DELAWARE 4002
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 03:20 PM 12/17/1997
971434564 - 0472015

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:

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PATENT REEL: 014546 FRAME: 0412

'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. (Rastern 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 Marger will be furnished by the surviving corporation, on request and without cost, to any stockholder of either constituent corporation.

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

RAYTHEON COMPANY

Name: Thomas D. Wyde

Title: VICE PRESIDENT AND CENTRAL

HE HOLDINGS, INC.

- Of Wh

Nage: J.L. Williamson Title: Asust. Socket Acq

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MU. SZA

3 / 3 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

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RECORDED: 09/29/2003

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AUTHENTICATION:

8985779

DATE:

03-23-98

PATENT

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