

05-25-2004



Form PTO-1595 (Rev. 10/02)

EET

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): HE Holdings, Inc. dba Hughes Electronics 5.19.04 Additional name(s) of conveying party(ies) attached? [] Yes [X] No

2. Name and address of receiving party(ies) Name: Raytheon Company Internal Address: Street Address: 870 Winter Street City: Waltham State: MA Zip: 02451-1449 Additional name(s) & address(es) attached? [] Yes [X] No

3. Nature of conveyance: [] Assignment [X] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 12/17/1997

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) 5550672, 5555134, 5534694, 5535593, 5563413, 5565675 Additional numbers attached? [X] Yes [] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Raytheon Company Internal Address: EO / E04 / N119 Intellectual Property & Licensing Street Address: P. O. Box 902 City: El Segundo State: CA Zip: 90245-0902

6. Total number of applications and patents involved: 25 7. Total fee (37 CFR 3.41).....\$ 1000.00 [] Enclosed [X] Authorized to be charged to deposit account 8. Deposit account number: 50-2077

DO NOT USE THIS SPACE

9. Signature. Leonard A. Alkov, Reg. 30,021 Name of Person Signing Signature Date May 19, 2004

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

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PATENT REEL: 015355 FRAME: 0319

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

CONTINUATION SHEET

PATENT NUMBER

5579207

5587583

5587784

5615004

5591973

5602391

5602760

5612708

5613365

5586204

5600256

5600286

5603470

5604505

5604673

5605306

5608331

5610569

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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 (46)} 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

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: ASSIST. SECRETARY

State of Delaware
Office of the Secretary of State

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I, HARRIET SMITH WINDSOR, 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.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

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AUTHENTICATION: 1177437

DATE: 06-07-01

RECORDED: 05/19/2004

PATENT
REEL: 015355 FRAME: 0323