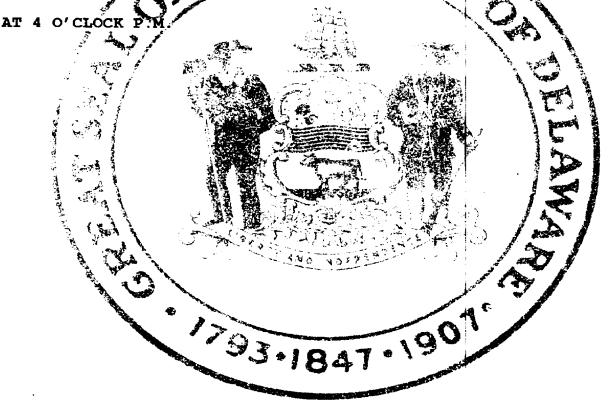
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FO: PTO-1595 MR()		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Pate	- et. 101518306	ed original documents or copy thereof.	
1. Name and Address of Conveying Party(ies):			
E-SYSTEMS, INC.	Name: RAYTHEON E-	·SYSTEMS, INC.	
,			
	Internal Address:		
Additional name(s) of conveying party(ies) atta YesX_ No	Street Address: 501 S. City: Garland State: Texas	Jupiter Road d Zip: 75042	
3. Nature of conveyance:		·	
<u> </u>	erger		
Security Agreement X Ch	nange of Name		
Other	ĺ		
	Additional name(s) & add	dress(es) Yes X No	
Execution Date: February 2, 1998	attached?		
4. Application number(s) or patent number(s):			
II	a new application, the execution date of the app	olication is:	
A. Patent Application No.(s) 06/158,817	B. Patent No.(s)		
Filed June 12, 1980	d diele and Normal and action 49	Yes X No	
	additional Numbers attached?		
5. Name and address of party to whom corresp concerning document should be mailed:	ondence 6. Total number of applic	cations invo ved: 1	
Name: Harold E. Meier, Esq.	7. Total Fee (37 CFR 3.4	1): \$40.00	
Internal Address: Baker Botts L.L.P.	X Enclosed		
Street Address: 2001 Ross Avenue	Authoriz	Authorized to be charged to deposit account	
City: Dallas	8. Deposit account number: 02-0384		
State: TX Zip: 75201	State: TX Zip: 75201		
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9. Statement and signature. To the best of my knowledge and belief, the particular original document.	foregoing information is true and correct and c		
Harold E. Meier	Sturold 6. Mere	November 3, 2000	
Name of Person Signing Sig	gnature	Date	
OMP No 0651 0011 (4/04)	Total number	of pages including cover sheet 3	
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Paperwork Reduction Project, (0651-0011), Washington, D.C. 20503.			

PATENT REEL: 011234 FRAME: 0582

State of Delaware

Office of the Secretary of State PAGE 1

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 AMENDMENT OF "E-SYSTEMS, INC.", CHANGING ITS NAME FROM "E-SYSTEMS, INC.", TO "RAYTHEON E-SYSTEMS, INC.", FILED IN THIS OFFICE ON THE THIRD DAY OF JULY, A. D. 1996,





Edward J. Freel, Secretary of State

0619629 8100

981025282

AUTHENTICATION:

8900165

DATE:

02-03-98

PATENT REEL: 011234 FRAME: 0583

AMENDMENT TO CERTIFICATE OF INTO THE CORPORATIONS OF E-SYSTEMS, INC.

E-Systems, Inc., a corporation organized and existing under the laws of the State of Delaware, hereby certifies as follows:

- 1. The name of the Corporation is E-Systems, Inc. (the "Corporation"). The date of filing the Corporation's original Certificate of Incorporation with the Secretary of State of Delaware was December 28, 1964 under the title of LTV Electrosystems, Inc.
- 2. That ARTICLE ONE of the Corporation's Certificate of Incorporation is hereby amended as set forth below:

"ARTICLE ONE: The name of the corporation is Raytheon E-Systems, Inc."

3. This Amendment to the Certificate of Incorporation of E-Systems, Inc. was duly adopted by the sole stockholder of the Corporation by written consent dated July 3, 1996 in accordance with Section 242(b) of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, E-Systems, Inc. has caused this Amendment to the Certificate of Incorporation to be signed by its Chairman and Chief Executive Officer on the 3rd day of July, 1996 who acknowledges that the facts stated herein are true.

E-Systems, Inc.

By:

A. Lowell Lawson

Chairman & Chief Executive Officer

ATTESTED:

Michael C. Eberhardt

Secretary

SUBSCRIBED AND SWORN TO before me this 3rd day of July 1996.

Netary Public

RECORDED: 11/06/2000

My Commission Expires:

6-25-99

CT CORPORATION SYSTEM

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PATENT REEL: 011234 FRAME: 0584