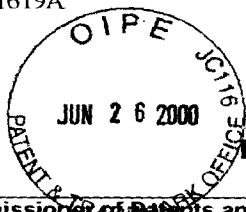


FORM PTO-1619A
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07-27-2000

U.S. Department of Commerce
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- ☐ **Assignment** ☐ **Security Agreement**
- ☐ **License** ☐ **Change of Name**
- ☒ **Merger** ☐ **Other** _____
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Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Execution Date
Month Day Year
01 01 1997

Name (line 1) Santa Barbara Research Center

Name (line 2) a corporation of California

Second Party

Name (line 1) _____

Name (line 2) _____

Execution Date
Month Day Year
4 8 0 4 8 3 2

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Hughes Aircraft Company

Name (line 2) a corporation of Delaware

Address (line 1) 20th Floor

Address (line 2) 1100 Wilson Boulevard

Address (line 3) Arlington

Virginia

22209

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

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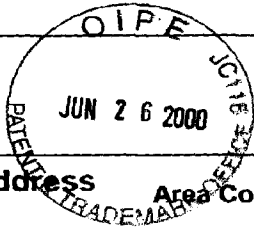
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PATENT
REEL: 010937 FRAME: 0590



Correspondent Name and Address

Area Code and Telephone Number **8055622108**

Name **Ravtheon Company**

Address (line 1) **Patent Dockets EO/E01/E150**

Address (line 2) **2000 East El Segundo Boulevard**

Address (line 3) **P. O. Box 902**

Address (line 4) **El Segundo, California 90245-0902**

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

4804832		
4824245		

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

2

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **80**

Method of Payment:
Deposit Account

Enclosed ☐ Deposit Account ☒

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

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Authorization to charge additional fees:

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Statement and Signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

William C. Schubert

Name of Person Signing

William C. Schubert

Signature

6-20-2000

Date

dbv9A.sbnnewha

CERTIFICATE OF MERGER

OF



SANTA BARBARA RESEARCH CENTER

INTO

HUGHES AIRCRAFT COMPANY

The undersigned corporation

DOES HEREBY CERTIFY:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger is as follows:

NAME:	STATE OF INCORPORATION
Santa Barbara Research Center	California
Hughes Aircraft Company.	Delaware

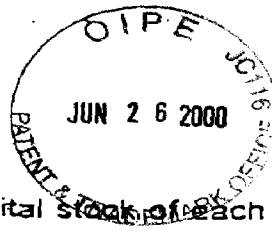
SECOND: That an Agreement of Merger between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of section 252 of the General Corporation Law of Delaware.

THIRD: That the name of the surviving corporation of the merger is Hughes Aircraft Company, a Delaware corporation.

FOURTH: That the Certificate of Incorporation of Hughes Aircraft Company, a Delaware corporation which is surviving the merger, shall be the Certificate of Incorporation of the surviving corporation.

FIFTH: That the executed Agreement of Merger is on file at the principal place of business of the surviving corporation, the address of which is 1100 Wilson Blvd. 20th floor, Arlington, VA 22209-3978.

SIXTH: That a copy of the Agreement will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.



SEVENTH: The authorized capital stock of each foreign corporation which is a party to the merger is as follows:

Corporation:	Class	Number of Shares	Par value per share or statement that shares are without par value
Santa Barbara Research Center	Capital	2,500	without par value

EIGHTH: That this Certificate of Merger shall be effective on January 1, 1997.

Dated as of December 5, 1996.

Hughes Aircraft Company

By [Signature]
Title: Senior Vice President