

FORM PTO-1619A
Expires 06/30/99
OMB 0851-0027

U.S. Department of Commerce
Patent and Trademark Office
PATENT

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- New
- Resubmission (Non-Recordation)
Document ID# _____
- Correction of PTO Error
Reel # _____ Frame # _____
- Corrective Document
Reel # _____ Frame # _____

Conveyance Type

- Assignment
 - License
 - Merger
 - Security Agreement
 - Change of Name
 - Other _____
- U.S. Government**
(For Use ONLY by U.S. Government Agencies)
- Departmental File
 - Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Santa Barbara Research Center

Execution Date
Month Day Year
01011997

Name (line 2) a corporation of California

Execution Date
Month Day Year

Second Party

Name (line 1) _____

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Hughes Aircraft Company

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.)

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

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____

Address (line 4) _____

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700000168 Mail documents to be recorded with required cover sheet(s) information to: **PATENT**
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20221
REEL: 010441 FRAME: 0137

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Expires 06/30/99
OMB 0651-0027

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U.S. Department of Commerce
Patent and Trademark Office
PATENT

Correspondent Name and Address Area Code and Telephone Number **8055622108**

Name **Raytheon Company**

Address (line 1) **Intellectual Property & Licensing, 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. # **3**

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)		
67292023					

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. # **1**

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ **40**

Method of Payment: Enclosed Deposit Account

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

Deposit Account Number: # **500616**

Authorization to charge additional fees: Yes No

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 *William C Schubert* **02-15-00**

Name of Person Signing Signature Date

S87022 : sbnewhac

**UNANIMOUS WRITTEN CONSENT
OF THE BOARD OF DIRECTORS OF
SANTA BARBARA RESEARCH CENTER**


The undersigned, being the Board of Directors of Santa Barbara Research Center and in accordance with the provisions of the Bylaws does hereby adopt by unanimous written consent the following resolutions:

RESOLVED, That the Board of Directors of Santa Barbara Research Center ("SBRC") hereby recommends, approves and adopts the proposed Agreement of Merger of SBRC into Hughes Aircraft Company, a Delaware corporation, substantially in the form presented to this Board and attached hereto as Exhibit A with such changes therein as the Directors of SBRC deem necessary and proper.

RESOLVED FURTHER, That the Agreement of Merger so approved by this Board be submitted for approval by Hughes Aircraft Company, the sole stockholder of all the issued and outstanding capital stock of SBRC.

RESOLVED FURTHER, That the appropriate officers of SBRC be, and each of them hereby is, authorized on behalf of SBRC to take such actions and to execute and deliver such agreements, certificates and other collateral documents in form approved by the Office of the General Counsel of Hughes Electronics Corporation, or its designee, as may be necessary or appropriate to carry out fully the purposes and intent of the foregoing resolution.

DATED AS OF DECEMBER 5, 1966.


G. E. SPEAKE, JR.
DIRECTOR, SBRC

**WRITTEN CONSENT OF
HUGHES AIRCRAFT COMPANY
THE SOLE SHAREHOLDER OF
SANTA BARBARA RESEARCH CENTER**

Hughes Aircraft Company, a Delaware corporation, as the owner and holder of all of the issued and outstanding shares of **SANTA BARBARA RESEARCH CENTER**, a California corporation, by this written consent takes the following actions:

Approval of a Merger:

WHEREAS, There has been presented an Agreement of Merger between Hughes Aircraft Company ("HAC") and Santa Barbara Research Center ("SBRC") dated December ~~5th~~ 1996, which has been approved by the Board of the Directors of SBRC and duly executed by the officers of both such corporations, and

WHEREAS, It is deemed in the best interests of this corporation that the terms and conditions of such agreement be approved and performed.

NOW, THEREFORE, BE IT RESOLVED, That the principal terms of the proposed Agreement of Merger between HAC and SBRC, Inc. is approved in the form submitted.

Dated as of December ~~5th~~ 1996

Hughes Aircraft Company

By *Brooks S. Doyle, Jr.*
Assistant Secretary

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 MERGER, WHICH MERGES:

"SANTA BARBARA RESEARCH CENTER", A CALIFORNIA CORPORATION, WITH AND INTO "HUGHES AIRCRAFT COMPANY" UNDER THE NAME OF "HUGHES AIRCRAFT COMPANY", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE ELEVENTH DAY OF DECEMBER, A.D. 1996, AT 4:30 O'CLOCK P.M.



Edward J. Freel

Edward J. Freel, Secretary of State

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RECORDED: 02/18/2000

AUTHENTICATION:

9188017

DATE:

07-09-98 **PATENT**

REEL: 010441 FRAME: 0141