

U.S. Patent & TMO/TM Mail Rpt. Dt. #10

TRADEMARK



07-17-1998

Owner of Patents and Trademarks: Please

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col.

1. Name of conveying party(ies): 7-17-98

Fairchild Space and Defense Corporation

Individual(s)  Association  
 General Partnership  Limited Partnership  
 Corporation-State Delaware  
 Other \_\_\_\_\_

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

Name: Orbital Sciences Corporation

Internal Address: \_\_\_\_\_

Street Address: 20301 Century Blvd.

City: Germantown State: MD ZIP: 20874

Individual(s) citizenship \_\_\_\_\_  
 Association \_\_\_\_\_  
 General Partnership \_\_\_\_\_  
 Limited Partnership \_\_\_\_\_  
 Corporation-State Delaware  
 Other \_\_\_\_\_

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other Index against previous recorded merger

Execution Date: 31 December 1996

If assignee is not domiciled in the United States, a domestic representative designation is attached:  Yes  No  
 (Designations must be a separate document from Assignment)  
 Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or registration number(s):

A. Trademark Application No.(s)

B. Trademark registration No.(s)

Index Registration Nos. 2,167,831 and 2,167,832 Against Merger Previously recorded

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Michael W. York

Internal Address: \_\_\_\_\_

Street Address: 5508 Griffith Road

City: Gaithersburg State: MD ZIP: 20882

6. Total number of applications and registrations involved: \_\_\_\_\_

7. Total fee (37 CFR 3.41): 80.00

Enclosed  
 Authorized to be charged to deposit account

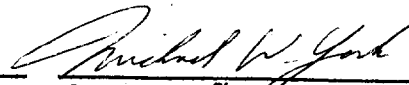
8. Deposit account number: \_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Michael W. York  July 16, 1998

Name of Person Signing Signature Date

Tel # 301-253-4217 Total number of pages comprising cover sheet: 1

OMB No. 0651-0011 (exp. 4/94)

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07/27/1998 SMITH  
 01 FC:481  
 02 FC:482  
 03 FC:998

Mail documents to be recorded with required cover sheet information to:

00000009 2167831

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Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

TRADEMARK REEL: 1814 FRAME: 0720

*State of Delaware*  
*Office of the Secretary of State*      PAGE 1

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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 OWNERSHIP, WHICH MERGES:

"FAIRCHILD SPACE AND DEFENSE CORPORATION", A DELAWARE CORPORATION,

WITH AND INTO "ORBITAL SCIENCES CORPORATION" UNDER THE NAME OF "ORBITAL SCIENCES CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE THIRTY-FIRST DAY OF DECEMBER, A.D. 1996, AT 9 O'CLOCK A.M.



2130792 8100M

971058588

A handwritten signature in cursive script, reading "Edward J. Freel".

Edward J. Freel, Secretary of State

AUTHENTICATION: 8342611

DATE: 02-21-97

TRADEMARK  
REEL: 1814 FRAME: 0721

**CERTIFICATE OF OWNERSHIP AND MERGER**

**MERGING**

**FAIRCHILD SPACE AND DEFENSE CORPORATION**

**INTO**

**ORBITAL SCIENCES CORPORATION**

Orbital Sciences Corporation (the "Corporation"), a Delaware corporation, does hereby certify:

**FIRST:** That the Corporation is incorporated pursuant to the General Corporation Law of the State of Delaware.

**SECOND:** That the Corporation owns all the outstanding shares of each class of the capital stock of Fairchild Space and Defense Corporation, a Delaware corporation.

**THIRD:** That the Corporation, by the following resolutions of its Board of Directors, duly adopted at a special meeting of the Board of Directors held October 24, 1996, determined to merge into itself Fairchild Space and Defense Corporation on the conditions set forth in such resolutions:

**RESOLVED**, that Fairchild Space and Defense Corporation shall merge with and into the Corporation (the "Fairchild Merger") in accordance with Section 253 of the General Corporation Law of the State of Delaware, and that the Fairchild Merger shall become effective at the time that an appropriate certificate of ownership and merger in respect of the Fairchild Merger is filed with the Secretary of State of the State of Delaware;

**FURTHER RESOLVED**, that the appropriate officers of the Corporation be, and each of them hereby is, authorized, in the name of and on behalf of the Corporation, to execute, acknowledge and file or cause to be filed a certificate of ownership and merger for the Fairchild Merger pursuant to Section 253 of the General Corporation Law of the State of Delaware, in such form as the officers so acting may, by their execution, acknowledgment and filing thereof, approve, the execution, acknowledgment and filing of said certificates of ownership and merger to be conclusive evidence that the same have been authorized and approved by this Board of Directors; and

**FURTHER RESOLVED**, that the officers of the Corporation be, and each of them hereby is, authorized, from time to time, in the name of and on behalf of the Corporation, under its corporate seal, if desired, attested by an appropriate

officer, if desired, to execute, make oath to, acknowledge, deliver and file any and all such orders, directions, certificates, notices, requests, demands, consents, approvals, applications, agreements, undertakings, supplements, amendments, further assurances, communications and other documents, instruments and papers, including, without limitation, assumption agreements, deeds of trust, mortgages and other financing statements, to do or cause to be done any and all such acts and things, and to pay or cause to be paid on behalf of the Corporation any and all related costs and expenses, and to do or cause to be done any and all such other acts and things as may be shown by his, her or their execution or performance thereof to be in his, her or their judgment necessary, appropriate or desirable in connection with the consummation of the transactions authorized by the foregoing resolutions, the taking of any such action to be conclusive evidence that the same has been authorized and approved by the Board of Directors of the Corporation.

IN WITNESS WHEREOF, Orbital Sciences Corporation has caused its corporate seal to be affixed and this certificate to be signed by David W. Thompson, its President, and Leslie C. Seeman, its Secretary, this 31st day of December, 1996.

ORBITAL SCIENCES CORPORATION

By:   
David W. Thompson, President

ATTEST:

  
Leslie C. Seeman, Secretary