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TO: The Commissioner of Patents and Trademarks. Please record the 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) Thiokol Corporation Execution Date
Month Day Year
04 23 1998

Name (line 2) _____

Second Party

Name (line 1) _____ Execution Date
Month Day Year

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Cordant Technologies Inc.

Name (line 2) _____

Address (line 1) 15 West South Temple

Address (line 2) Suite 1600

Address (line 3) Salt Lake City Utah 84101-1532

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.

Name Sullivan Law Group

Address (line 1) 5060 North 40th Street

Address (line 2) Suite 120

Address (line 3) Phoenix, Arizona 85018

Address (line 4) _____

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Mail documents to be recorded with required cover sheet(s) information to:
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Correspondent Name and Address

Area Code and Telephone Number

602 956 6161

Name Sullivan Law Group

Address (line 1) 5060 North 40th Street

Address (line 2) Suite 120

Address (line 3) Phoenix, Arizona 85018

Address (line 4)

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)

08/746,224

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 as 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:

501324

Authorization to charge additional fees:

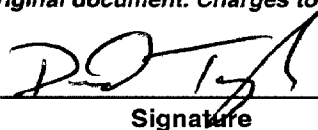
Yes

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.

David S. Taylor (39,045)



July 31, 2001

Name of Person Signing

Signature

Date

Office of the Secretary of State

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:

"THIOKOL MERGER COMPANY", A DELAWARE CORPORATION, WITH AND INTO "THIOKOL CORPORATION" UNDER THE NAME OF "CORDANT TECHNOLOGIES INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1998, AT 8:30 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel

Edward J. Freel, Secretary of State

AUTHENTICATION

DATE

9061636

PATENT

0726206 8100M

981170506

REEL: 012060 FRAME: 0333

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

THIOKOL MERGER COMPANY

INTO

THIOKOL CORPORATION

Thiokol Corporation, a corporation organized and existing under the laws of Delaware (the "Corporation"),

DOES HEREBY CERTIFY:

FIRST: That the Corporation owns all of the outstanding shares of capital stock of Thiokol Merger Company, a Delaware corporation incorporated on the 30th day of April, 1998, pursuant to the General Corporation Law of the State of Delaware.

SECOND: That the Corporation, by the following resolutions of its Board of Directors, duly adopted at a meeting held on the 23rd day of April, 1998, determined to and did merge into itself said Thiokol Merger Company by adopting the following resolutions:

RESOLVED, that Thiokol Merger Company be merged with and into the Corporation and that the Corporation be the surviving corporation in such merger.

RESOLVED, that the merger shall become effective upon the date and time of the filing of a Certificate of Ownership and Merger with the Secretary of State of the State of Delaware.

RESOLVED, that upon the effectiveness of the merger, the Corporation shall assume all of the liabilities and obligations of Thiokol Merger Company.

RESOLVED, that upon effectiveness of the merger, the name of Thiokol Corporation shall be changed to "Cordant Technologies Inc." and Article First of the Restated Certificate of Incorporation of Thiokol Corporation, shall be amended to read as follows:

"FIRST: The name of the Corporation is Cordant Technologies Inc.."

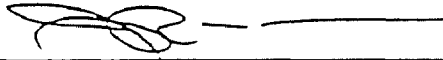
RESOLVED that except for the foregoing amendment to Article First, the Restated Certificate of Incorporation shall remain unchanged by the

merger and in full force and effect until further amended in accordance with the Delaware General Corporation Law.

RESOLVED that the proper officers of the Corporation be, and they hereby are, directed to make and execute a Certificate of Ownership and Merger setting forth a copy of the resolutions to so merge Thiokol Merger Company and to assume its obligations, and to so change the name of Thiokol Corporation, and the date of adoption thereof, and to cause the same to be filed with the Secretary of State of the State of Delaware and a certified copy recorded in the office of the Recorder of Deeds of New Castle County and to do all acts and things whatsoever, whether within or without the State of Delaware, which may be necessary or proper to effect said merger and change of name.

IN WITNESS WHEREOF, the Corporation has caused its corporate seal to be hereunto affixed and this certificate to be signed by its Chairman of the Board, President and Chief Executive Officer and attested by its Vice President and Corporate Secretary, this 23rd day of April, 1998.

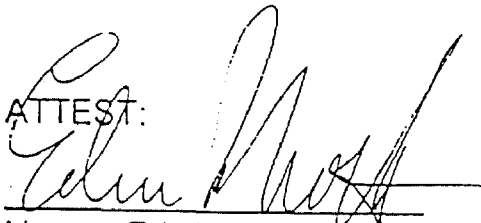
THIOKOL CORPORATION



Name: James R. Wilson

Title: Chairman of the Board, President and
Chief Executive Officer

ATTEST:



Name: Edwin M. North

Title: Vice President and
Corporate Secretary