

05-07-2001

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Expires 06/30/99  
OMB 0651-0027



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

101703298  
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4-20-01

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 #

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**Conveyance Type**

Assignment  Security Agreement  
 License  Change of Name  
 Merger  Other

**U.S. Government**  
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Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)

Execution Date  
 Month Day Year

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)

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)

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Address (line 2)

Address (line 3)

City State/Country Zip Code

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

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Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:  
 Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

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**PATENT**  
**REEL: 011748 FRAME: 0878**

**Correspondent Name and Address**

Area Code and Telephone Number

(602) 956-6161

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

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

#

**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)**

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.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

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:

#

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.

Stephen T. Sullivan



April 18, 2001

Name of Person Signing

Signature

Date

Reg. No. 32,444

State of Delaware

## 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**

**REEL: 011748 FRAME: 0880**

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**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 30<sup>th</sup> 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 23<sup>rd</sup> 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.."

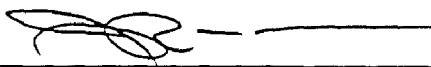
**RESOLVED** that except for the foregoing amendment to Article First, the Restated Certificate of Incorporation shall remain unchanged by the

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.

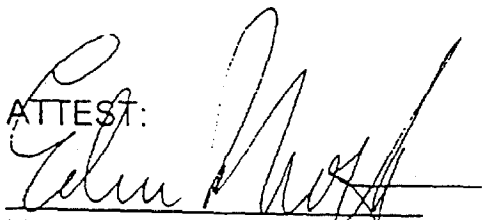
**IN WITNESS WHEREOF**, the Corporation has caused its corporate seal to be hereunto affixed and this certificate to be signed by its Chairman of the Board, President and Chief Executive Officer and attested by its Vice President and Corporate Secretary, this 23<sup>rd</sup> day of April, 1998.

**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