

05-07-2001



U.S. Department of Commerce
Patent and Trademark Office
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4/20/01

101704031
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JET

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 ☐ Security Agreement
☐ License ☒ Change of Name
☐ Merger ☐ 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

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

05/07/2001 DBYRNE 00000026 4377679

01 FC:581

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PATENT
REEL: 011712 FRAME: 0322

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)

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<input type="text" value="4399238"/>	<input type="text" value="4403045"/>	<input type="text" value="4506815"/>
<input type="text" value="4507188"/>	<input type="text" value="4925936"/>	<input type="text" value="4435023"/>

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 <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

Number of Properties

Enter the total number of properties involved.

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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

Name of Person Signing


Signature
Reg. No. 32,444

April 18, 2001

Date

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Address (line 3)	<input type="text"/>	<input type="text"/>	
	City State/Country	Zip Code	

Application Number(s) or Patent Number(s)

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Patent Application Number(s)

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5414123	5429691	5431101
5439537	5441303	5449835
5451682	5452210	5456455

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Name (line 1)	<input type="text"/>	Execution Date Month Day Year <input type="text"/>
Name (line 2)	<input type="text"/>	

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)	<input type="text"/>	<input type="checkbox"/> 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)	<input type="text"/>	
Address (line 1)	<input type="text"/>	
Address (line 2)	<input type="text"/>	<input type="checkbox"/> 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.)
Address (line 3)	<input type="text"/>	
City	State/Country	
Name (line 1)	<input type="text"/>	<input type="checkbox"/> 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.)
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Address (line 1)	<input type="text"/>	
Address (line 2)	<input type="text"/>	<input type="checkbox"/> 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.)
Address (line 3)	<input type="text"/>	
City	State/Country	

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)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	6096147	6100375	6107483
<input type="text"/>	<input type="text"/>	<input type="text"/>	6123789	6136115	6147209
<input type="text"/>	<input type="text"/>	<input type="text"/>	6171530	6170399	6186356
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<input type="text"/>	<input type="text"/>	<input type="text"/>	4929291	5150654	5145543

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Patent and Trademark Office
PATENT

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Name (line 1)

Execution Date
Month Day Year

Name (line 2)

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Execution Date
Month Day Year

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Execution Date
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Patent Number(s)

5127223	5099042	5098277
5076868	5074938	5071506
5070691	5062365	5061409
5044154	5039368	5035363
5032016	5028283	5024160

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	City	State/Country	Zip Code
Name (line 1)	<input type="text"/>	<input type="checkbox"/> 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.)	
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Patent Number(s)

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Patent Number(s)

5236512	5214831	5206989
5180452	5174845	5166468
5154782	5487851	5470408
5468313	5467714	5427452
5419501	5406082	5398612

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Patent Number(s)

5367872	5366572	5359416
5540794	5516854	5507090
5645219	5564272	5547525
5541413	5531163	5522320
5661257	6217799	6217682

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.



A handwritten signature in cursive script, reading "Edward J. Freel", is written over a horizontal line.

Edward J. Freel, Secretary of State

AUTHENTICATION

DATE

9061636

PATENT

REEL: 011712 FRAME: 0340

0726206 8100M

981170506

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."

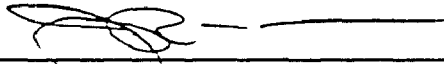
RESOLVED that except for the foregoing amendment to Article First, the Restated Certificate of Incorporation shall remain unchanged by the

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.

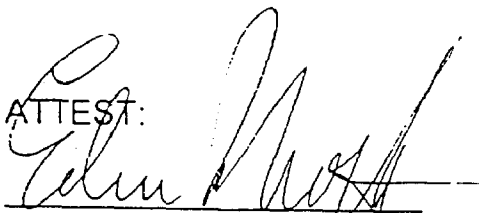
THIOKOL CORPORATION



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