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FORM PTO-1619 Expires 06/30/99 OMB 0651-0027	9B 	Page 2			U.S. Department of Commerce Patent and Trademark Office PATENT	
Correspondent	Name and	Address	Area Code	e and Telephone	Number	(602) 956-6161
Name	Stephen	. Sullivan				
Address (line 1)	SULLIVA	I LAW GRO	UP			
Address (line 2)	5060 Nor	h 40th Stree	t			
Address (line 3)	Suite 120					
Address (line 4)	Phoenix,	Arizona 8501	18			
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Stephen T. Sullivan			Sul	I Sul	him	April 18, 2001
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Tatolic Application (Notice	5460093	5460669 5468866
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		5516377	5520768 5523517
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	5661257 6217799 6217682

PATENT

#### 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, Secretary of State

AUTHENTICATION

9061636

DATE

PATENT REEL: 011712 FRAME: 0340

#### 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 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

PATENT REEL: 011712 FRAME: 0341 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

Name: Edwin M. North
Title: Vice President and
Corporate Secretary

RECORDED: 04/20/2001