FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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02-08-2000



101261019 RECORDATION FORM COVER SHEET

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

TO: The Commissioner of Patents and Tradem	PATENTS ONLY
Submission Type	arks: Please record the attached original document(s) or copy(ies). Conveyance Type
X New	Assignment Security Agreement
Resubmission (Non-Recordation) Document ID#	License X Change of Name
Correction of PTO Error Reel # Frame # Corrective Document	Merger U.S. Government (For Use ONLY by U.S. Government Agencies)
Conveying Party(ies)	Departmental File Secret File
Name (Ii 4)	Mark if additional names of conveying parties attached Execution Date Month Day Year
Name (line 1) GTE Government System	s Corporation 9/8/99
Name (line 2)	Execution Date
Second Party	Month Day Yea
Name (line 2)	
Receiving Party	Mark if additional names of receiving parties attached
Name (line 1) General Dynamics Gove	rnment Systems Corporation If document to be reco
Name (line 2)	is an assignment and receiving party is not domiciled in the Unite
	States, an appointmen of a domestic
Address (line 1) 77 A Street	representative is attac (Designation must be
Address (line 2)	separate document fro Assignment.)
Address (line 3) Needham	Massachusetts 02494-2892
Domestic Representative Name and A	State/Country Zip Code Address Enter for the first Receiving Party only.
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Corresponde	nt Name and Addres	S Area Code	and Telephone Nu	ımber (312)	222-9350
Name [Stanley A. Sc	hlitter			
Address (line 1)	Jenner & Bloc	k			
Address (line 2)	One IBM Plaza				
Address (line 3)	Chicago, IL	60611			
Address (line 4)					
Pages	Enter the total number of including any attachmen		ached conveyance	document	# 12
- •	Number(s) or Patent No Patent No Patent Application Number or 1		X NOT ENTER BOTH	Mark if additional	
	ent Application Number(s)		JONO! ENIER BOIN	Patent Numbe	
09298651	_ 	9082350	5103431	5787235	5802452
08891802	09211537	8997858	5343495	5349606	5345200
08998237		8997859	5987069	5697086	5533038
	being filed together with a <u>new.</u> t named executing inventor.	Patent Application, e	nter the date the patent	t application was	Month Day Year
Patent Coop	eration Treaty (PCT)	РСТ	PCT		PCT
only	r PCT application number if a U.S. Application Num not been assigned.		PCT		PCT
Number of P	roperties	e total number of	properties involv	ed. # 34	
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	payment by deposit account or i	f additional fees can b Deposit Accou		# 1 <u>0-0</u>	460
		Authorization t	o charge additional	fees: Yes [X No
Statement a	nd Signature				
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	of Person Signing		Signature		Date

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RECORDATION FORM COVER SHEET CONTINUATION DATENTS ONLY

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Address (line 2)					Assignment.)
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Application N	umber(s) or Patent	Number(s)	Mark if additional r	numbers attached	d
Enter either the	Patent Application Number	or the Patent Number	DO NOT ENTER BOTH	numbers for the	same property).
Pa	tent Application Numb	per(s)		Patent Nun	nber(s)
09295425		09111039	5573094	5506545	5602546
09212617	08989614	09220715			
08994223	09127241	09123203			
08868346	09206618	09189496			
60133229	09385747	60146955			
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State of Delaware

Office of the Secretary of State PAGE 1

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 RESTATED CERTIFICATE OF "GTE GOVERNMENT SYSTEMS CORPORATION", CHANGING ITS NAME FROM "GTE GOVERNMENT SYSTEMS CORPORATION" TO "GENERAL DYNAMICS GOVERNMENT SYSTEMS CORPORATION", FILED IN THIS OFFICE ON THE EIGHTH DAY OF SEPTEMBER, A.D. 1999, AT 9 O'CLOCK A.M.

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

The same of the sa

Edward J. Freel, Secretary of State

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AUTHENTICATION:

9960221

DATE:

09-08-99

PATENT

REEL: 010526 FRAME: 0312

STATE OF DELAWARE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 09:00 AM 09/08/1999 991375043 - 0947797

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF GTE GOVERNMENT SYSTEMS CORPORATION

It is hereby certified that:

- 1. The present name of the corporation (hereinafter called the "corporation") is GTE Government Systems Corporation. The name under which the corporation was originally incorporated was GTE Communications Products Corporation. The date of the filing of the original certificate of incorporation of the corporation was November 9, 1982.
- 2. The certificate of incorporation of the corporation is hereby amended in its entirety by striking out all of the existing provisions of the certificate of incorporation and substituting in lieu thereof the provisions which are set forth in the Amended and Restated Certificate of Incorporation hereinafter provided for.
- 3. The amendments and restatement of the certificate of incorporation of the corporation herein certified have been duly adopted by the board of directors and approved by the sole stockholder of the corporation in accordance with Section 245 and Section 242 of the General Corporation Law of the State of Delaware.
- 4. The effective time of the amended and restated certificate of incorporation and of the amendments herein certified shall be as of the time of filing of this amended and restated certificate of incorporation.
- 5. The certificate of incorporation of the corporation, as amended and restated herein, shall at the effective time of this amended and restated certificate of incorporation read as follows:

"AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF GTE GOVERNMENT SYSTEMS CORPORATION

FIRST: The name of the corporation (hereinafter called the "corporation") is General Dynamics Government Systems Corporation.

SECOND: The address, including street number, city, and county, of the registered office of the corporation in the State of Delaware is 1013 Centre Street, Wilmington, Delaware 19801, County of New Castle, and the name of the registered agent of the corporation in the State of Delaware at such address is Corporation Service Company.

THIRD: The purpose of the corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware.

FOURTH: The total number of shares of stock which the corporation shall have authority to issue is 1,000, at \$1.00 par value. All such shares are of one class and are shares of Common Stock.

FIFTH: The corporation is to have perpetual existence.

SIXTH: Whenever a compromise or arrangement is proposed between the corporation and its creditors or any class of them and/or between the corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of the corporation or of any creditor or stockholder thereof or on the application of any receiver or receivers appointed for the corporation under § 291 of the General Corporation Law of the State of Delaware or on the application of trustees in dissolution or of any receiver or receivers appointed for the corporation under \$ 279 of the General Corporation Law of the State of Delaware order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of the corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of the corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of the corporation as consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of the corporation, as the case may be, and also on the corporation.

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SEVENTH: For the management of the business and for the conduct of the affairs of the corporation, and in further definition, limitation, and regulation of the powers of the corporation and of its directors and of its stockholders or any class thereof, as the case may be, it is further provided:

- 1. The management of the business and the conduct of the affairs of the corporation shall be vested in its board of directors. The number of directors which shall constitute the whole board of directors shall be fixed by, or in the manner provided in, the Bylaws, but such number may from time to time be increased or decreased in such manner as may be prescribed by the Bylaws. No election of directors need be by written ballot.
- 2. After the original or other Bylaws of the corporation have been adopted, amended, or repealed, as the case may be, in accordance with the provisions of § 109 of the General Corporation Law of the State of Delaware, and, after the corporation has received any payment for any of its stock, the power to adopt, amend, or repeal the Bylaws of the corporation may be exercised by the board of directors of the corporation; provided, however, that any provision for the classification of directors of the corporation for staggered terms pursuant to the provisions of subsection (d) of § 141 of the General Corporation Law of the State of Delaware shall be set forth in an initial Bylaw or in a Bylaw adopted by the stockholders of the corporation entitled to vote unless provisions for such classification shall be set forth in this certificate of incorporation.

EIGHTH: To the fullest extent permitted under the law of the State of Delaware, including the General Corporation Law, a director of the corporation shall not be personally liable to the corporation or its stockholders for damages for any breach of fiduciary duty as a director. No amendment to or repeal of this Article EIGHTH shall apply to or have any effect on the liability or alleged liability of any director of the corporation for or with respect to any acts or omissions of such director occurring prior to such amendment or repeal. In the event that the General Corporation Law of the State of Delaware is hereafter amended to permit further elimination or limitation of the personal liability of directors, then the liability of a director of the corporation shall be so eliminated or limited to the fullest extent permitted by the General Corporation Law of the State of Delaware as so amended without further action by either the board of directors or the stockholders of the corporation.

NINTH: The board of directors of the corporation may, by resolution adopted from time to time, indemnify such persons as permitted by the General Corporation Law of the State of Delaware as amended from time to time. The board of directors of the corporation may, by resolution adopted from time to time, purchase and maintain insurance on behalf of such persons as permitted by the General Corporation Law of the State of Delaware as amended from time to time.

TENTH: From time to time any of the provisions of this certificate of incorporation may be amended, altered, or repealed, and other provisions authorized by the laws of the State of Delaware at the time in force may be added or inserted in the manner and at the time prescribed by said laws, and all rights at any time conferred upon the stockholders of the corporation by this certificate of incorporation are granted subject to the provisions of this Article TENTH."

IN WITNESS WHEREOF, the corporation has caused this certificate to be signed by its Vice President and attested by its Secretary on this 5 day of September 1999.

David A. Savner Vice President

ATTEST:

Margaret(N. House

Secretary

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