

PATENT ASSIGNMENT

Electronic Version v07
Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
General Dynamics Government Systems Corporation	2003-07-18

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
General Dynamics Advanced Information Systems, Inc.	1421 Jefferson Davis Highway		Arlington	VIRGINIA	22202

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number	6475534
Patent Number	6493689
Patent Number	6354536
Patent Number	6402089
Patent Number	6460803
Patent Number	6340153
Patent Number	6434317
Patent Number	6326550
Patent Number	6356684
Patent Number	6304696
Patent Number	6590366
Patent Number	6421167
Patent Number	6416016
Application Number	10287963
Application Number	09952525
Application Number	09952526

CH \$40.00 134365 6475534

PATENT

REEL: 013879 FRAME: 0250

800007739

Application Number	09952412
Application Number	09748990
Application Number	09920427
Application Number	10406477
Application Number	09735117
Application Number	10248885
Application Number	10242823
Application Number	10177078

CORRESPONDENCE DATA

FAX NUMBER: 919-286-8199

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the official record on file at the USPTO.

CUSTOMER NUMBER: 024239

NAME OF PERSON SIGNING:	Steven B. Phillips
DATE SIGNED:	2003-08-18

Total Attachments: 4

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ASSIGNMENT OF INVENTION

WHEREAS, GENERAL DYNAMICS GOVERNMENT SYSTEMS CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, having a place of business at 1421 Jefferson Davis Highway, Arlington, VA 22202, hereinafter referred to as "Assignor," represents that it is the sole and exclusive owner of the invention(s) in Schedule A, attached.

AND WHEREAS, GENERAL DYNAMICS ADVANCED INFORMATION SYSTEMS, INC, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and having a place of business at 1421 Jefferson Davis Highway, Arlington, VA 22202, hereinafter called the "Assignee," desires to acquire all right, title and interest in and to said invention(s), and said patent application within the United States and its territorial possessions and all foreign countries and any United States or foreign patents that may be granted therefrom.

NOW, THEREFORE, in consideration of the payment by Assignee to Assignor of the sum of ten dollars (\$10.00), and for other good and valuable consideration, the receipt of all of which is hereby acknowledged, and with the intention of being legally bound hereby, Assignor confirms that it has sold, assigned and transferred, and does hereby sell, assign and transfer to said Assignee the entire right, title and interest in and to the invention(s) and patent application within the United States of America and its territorial possessions and all foreign countries and in and to any patents of the United States and all foreign countries that may be granted therefor, including all divisions, continuations, continuations-in-part, substitutes, patents of addition, reissues, reexaminations, renewals and extensions thereof, and the right to apply for patents in foreign countries with full benefit of such priorities as may now or hereafter be granted to the Assignor by local laws or by treaty, including any international convention for the protection of industrial property, together with the right to extend the protection of said United States patents to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, all said rights to be held and enjoyed by the Assignee for its use and benefit and for the use and benefit of its successors or assigns, to the full end of the term for which said patents are or may be granted, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made.

Assignor further sells, assigns and transfers to Assignee, its successors and assigns, all of Assignor's rights to sue for and to recover and retain all damages and profits arising from past infringements or unauthorized use of any such patent, including infringements or unauthorized use of provisional rights in the patent application, or unpaid royalties with respect to use of any such patent or patent application, occurring before the date of this Assignment.

Assignor and Assignee hereby acknowledge and agree that the invention(s) are subject to the Contribution Agreement between Assignee and Assignor dated January 1, 2003. In case of any conflict between the terms of that Agreement and the terms of this Assignment of Invention, the terms of that Agreement shall prevail.

Assignor further covenants and agrees with the Assignee that the Assignor has a full and unencumbered title to the invention(s) and patent application herein assigned, which title the Assignor warrants unto the Assignee, and the Assignor further agrees that, when requested, the Assignor will, do all lawful and just acts, including the execution and acknowledgement of instruments, that may be or become necessary for obtaining, sustaining, reexamining or reissuing United States or foreign patents for the invention(s), and for maintaining and perfecting the Assignee's right to the invention(s), patent application and any patents issuing thereon, particularly in cases of interference and litigation.

IN WITNESS WHEREOF, I/We have executed this Agreement under seal.

GENERAL DYNAMICS GOVERNMENT SYSTEMS CORPORATION

By: [Signature]
 Title: Asst. Secretary
 Date: July 30, 2003

[Corporate Seal]

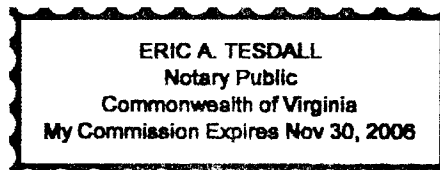
STATE
 COUNTY

I, Eric A. Tesdall, a Notary Public of the aforesaid County and State, do hereby certify that Michael W. Kauffman personally appeared before me this day and acknowledged the execution of the foregoing instrument.

Witness my hand and seal this 30 day of July, 2003.

[Signature]
 Notary Public

My Commission Expires:
11/30/06



GENERAL DYNAMICS ADVANCED INFORMATION SYSTEMS INC.

By: [Signature]
Title: Deputy General Counsel/Assistant Secretary
Dated: 7/30/03

[Corporate Seal]

STATE VIRGINIA
COUNTY ARLINGTON

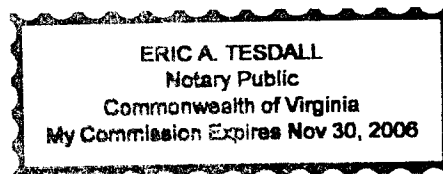
I, Eric A. Tesdall, a Notary Public of the aforesaid County and State, do hereby certify that Michael A. Skawin personally appeared before me this day and acknowledged the execution of the foregoing instrument.

Witness my hand and seal this 30 day of July, 2003.

[Signature]
Notary Public

My Commission Expires:

11/30/06



SCHEDULE A
ASSIGNMENT FROM GENERAL DYNAMICS GOVERNMENT SYSTEMS CORP.
TO GENERAL DYNAMICS ADVANCED SYSTEMS, INC.

OUR FILE #	SERIAL #	PATENT #	FILED	ISSUED
012720-000003	09/634,554	6,475,534	08/08/2000	11/05/2002
012720-000004	09/752/180	6,493,689	12/29/2000	12/10/2002
012720-000004D	10/287,963		11/05/2002	
012720-000009	09/952,525		09/14/2001	
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012720-000006	09/952,412		09/14/2001	
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012720-000010	09/798,420	6,402,089	03/02/2001	06/11/2002
012720-000010D	10/144,625	6,460,803,	05/13/2002	10/08/2002
012720-000016	09/704,928	6,340,153	11/02/2000	01/22/2002
012720-000023	09/711,542	6,434,317	11/13/2000	08/13/2002
012720-000025	09/748,990		12/27/2000	
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012720-000035	09/735,117		12/12/2000	
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012720-000037	10/177,078		06/21/2002	
012720-000002	09/725,434	6,416,016	11/29/2000	07/09/2002