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1. Name of conveying party(ies)

General Dynamics Decision Systems, Inc.

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1 January 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

2. Name and address of receiving party(ies)

Name: General Dynamics C4 Systems, Inc.

Internal Address: _____

Street Address: 2941 Fairview Park Drive, Suite 100

City: Falls Church

State: Virginia

Country: United States Zip: 22042

Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

-- see attached list --

B. Patent No.(s)

-- see attached list --

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

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6. Total number of applications and patents involved: 249

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 9960.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 0888
Expiration Date 09/2008

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Lowell W. Gresham

Signature

09/13/2005

Date

Lowell W. Gresham

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

16

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Reclamation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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Application or Patent #	Title	Attorney Docket No.
05/197556	Under Secrecy Order	Docket # GE71254
06/490921	Under Secrecy Order	Docket # GEO968
06/357349	Under Secrecy Order	Docket # GEO1058
06/490609	Under Secrecy Order	Docket # GEO1202
06/823116	Under Secrecy Order	Docket # GEO1460
06/841385	Under Secrecy Order	Docket # GEO1380
06/841384	Under Secrecy Order	Docket # GEO1381
06/911552	Under Secrecy Order	Docket # GEO1397
07/081965	Under Secrecy Order	Docket # GEO1699
07/364684	Under Secrecy Order	Docket # GEO1770
07/377295	Under Secrecy Order	Docket # GEO1691
07/529810	Under Secrecy Order	Docket # GEO1912
07/618550	Under Secrecy Order	Docket # GEO2046
09/072168	Under Secrecy Order	Docket # GE04119
09/649559	TRANSMITTER HAULING PROGRAMABLE TRANSMISSION PARAMETERS TEMPORALLY ALIGNED WITH PAYLOAD AND METHOD	Docket # GE04567
10/124215	CONSTANT PHASE, GAIN CONTROLLED AMPLIFICATION CIRCUIT	Docket # GE04670
10/176776	SYSTEM AND METHOD FOR MANAGING KEYS FOR A SECURE DEVICE	Docket # GE04673
10/177555	ACCESS-CONTROL METHOD FOR SOFTWARE MODULES AND PROGRAMMABLE ELECTRONIC DEVICE THEREFOR	Docket # GE04673 O1
10/404791	SYSTEM AND METHOD FOR WIRELESS TRANSMISSION OF SIGNALS USING MULTIPLE CHANNELS ASSIGNED IN RESPONSE	Docket # GE04741
10/417942	MULTI-CARRIER MODULATION WITH SOURCE INFORMATION ALLOCATED OVER VARIABLE QUALITY COMMUNICATION CHANNEL	Docket # GE04734
10/437422	METHOD AND APPARATUS FOR ENCODING COMPRESSIBLE DATA FOR TRANSMISSION OVER VARIABLE QUALITY COMMUNICATION	Docket # GE04734 D1
10/754001	SYSTEM AND METHOD FOR THE DIRECTIONAL RECEPTION AND DESPREADING OF DIRECT-SEQUENCE SPREAD-SPECTRUMS	Docket # GE04822

Application or Patent #	Title	Attorney Docket No.	
23.	10/606883	DEFINABLE RADIO AND METHOD OF OPERATING A WIRELESS NETWORK OF SAME	Docket # GE04740
24.	10/658435	SYSTEM AND METHOD FOR SATELLITE BASED TRANSMISSION OF VIDEO SIGNALS USING AN OTHERWISE DEDICATED WIRE	Docket # GE04741 D2
25.	10/725126	SYSTEM AND METHOD FOR TRANSMISSION OF VIDEO SIGNALS USING MULTIPLE CHANNELS	Docket # GEO4741D01
26.	10/910195	DIRECT MODULATION WITH SERIAL PORTS	Docket # GE04847
27.	10/915496	CONTEXT SENSITIVE URL HIERARCHY FOR WEB-BASED USER INTERFACES	Docket # GE04846
28.	D352030	TELEPHONE MODULE	Docket # GE02451
29.	D354752	TELECOM-MUNICATIONS SECURITY ADAPTOR	Docket # GE02486
30.	D359960	CLIP-ON EARPIECE FOR A PORTABLE HANDSET TELEPHONE OR SIMILAR ARTICLE	Docket # GE02634
31.	D365105	TERMINAL ADAPTER MODULE	Docket # GE02671
32.	D365348	TELECOMMUNICATION SYSTEM ENCLOSURE	Docket # GE02670
33.	D383404	COMPACT LOW-PROFILE COMMUNICATION ANALYZER FOR RECEIVING INSERTABLE SMART MODULES	Docket # GE02898
34.	D383405	COMPACT, LOW-PROFILE COMMUNICATION ANALYZER FOR RECEIVING INSERTABLE SMART MODULES	Docket # GE02896
35.	D389837	CONTROL FACE PLATE FOR A RADIO	Docket # GE02946
36.	D395015	SMART MODULE FOR USE WITH COMMUNICATIONS ANALYZER	Docket # GE02897
37.	D396470	PALM-TOP REMOTE CONTROL	Docket # GE04150
38.	D400168	AC ADAPTER UNIT ENCLOSURE	Docket # GE04008
39.	D405081	HANDSET FOR A WIRELESS COMMUNICATIONS DEVICE	Docket # IRI03852
40.	D407091	FRONT PANEL FOR A WIRELESS COMMUNICATIONS DEVICE	Docket # IRI03851
41.	D416263	CIPHERTEL UNIT ENCLOSURE	Docket # GE04189
42.	D431824	WIRELESS INFORMATION TRANSFER SYSTEM FRONT PANEL	Docket # GE04478
43.	D434408	PORTABLE VOICE AND DATA ENCRYPTION MODULE	Docket # GE04555
44.	D440671	VENTED ROOF ENCLOSURE	Docket # GE04568
45.	4,605,908	DISABLE CIRCUIT FOR A PHASE LOCKED LOOP DISCRIMINATOR CIRCUIT	Docket # GE01455

PATENT

REEL: 016996 FRAME: 0374

Application or Patent #	Title	Attorney Docket No.
46.	NEARLY DC IF PHASE LOCKED TRANSMITTER	Docket # GE01592
47.	MICROPROCESSOR BASED BCH DECODER	Docket # GE01579
48.	OPERATIONAL FUNCTION CHECKING METHOD AND DEVICE FOR MICROPROCESSORS	Docket # GE01582
49.	ASCII LPC-10 CONVERSION	Docket # GE01227
50.	HIERARCHICAL KEY MANAGEMENT SYSTEM	Docket # GE01790
51.	WIDEBAND MMIC ACTIVE QUADRATURE HYBRID	Docket # GE01834
52.	ORIGAMI COMPOSITE EMI/TEMPEST PROOF ELECTRONICS MODULE	Docket # GE01791
53.	METHOD AND APPARATUS FOR SECURE EXECUTION OF UNTRUSTED SOFTWARE	Docket # GE01822
54.	BASEBAND CARRIER PHASE CORRECTOR	Docket # GE01805
55.	ELECTRONIC KEYING SCHEME FOR LOCKING DATA	Docket # GE01667
56.	FEEDBACK STABILIZATION LOOP	Docket # GE01765
57.	TEMPERATURE COMPENSATED POWER DETECTOR	Docket # GE01807
58.	FINE TUNING CIRCUITRY FOR FREQUENCY CONTROL SYSTEM	Docket # GE01801
59.	STATE METRIC MEMORY ARRANGEMENT FOR A VITERBI DECODER	Docket # GE01785
60.	SECURE CRYPTOGRAPHIC PROCESSOR ARRANGEMENT	Docket # GE01850
61.	PASSIVE 180 DEGREE BROADBAND M MIC HYBRID	Docket # GE01804
62.	SWEEP GENERATOR LINEARIZATION SYSTEM AND METHOD	Docket # GE01817
63.	STEPPED THICKNESS SPECTRALFILTER FOR FOCAL PLANE FLATTENING	Docket # GE01909
64.	TELECONFERENCING METHOD FOR A SECURE KEY MANAGEMENT SYSTEM	Docket # GE01846
65.	BROADBAND 180 DEGREE HYBRID	Docket # GE01921
66.	UNIFORM INTERFACE FOR CRYPTOGRAPHIC SERVICES	Docket # GE01851
67.	PARALLEL CYCLIC REDUNDANCY CHECK CIRCUIT	Docket # GE01925
68.	DIGITAL TAU SYNTHESIZER	Docket # GE02006
69.	FOUR-PORT QUADRATURE COUPLER SUITABLE FOR MONOLIGHTIC IMPLEMENTATION	Docket # GE02066
70.	SYMBOL STATE TRELLIS MAXIMUM LIKELIHOOD DETECTION METHOD	Docket # GE01844

PATENT

REEL: 016996 FRAME: 0375

Application or Patent #	Title	Attorney Docket No.
71. 5,140,510	CONSTANT FREQUENCY POWERCONVERTER	Docket # GE02140
72. 5,144,266	BROADBAND HIGH FREQUENCY ACTIVE MMIC CIRCULATOR	Docket # GE02019
73. 5,144,268	BANDPASS FILTER UTILIZING CAPACITIVELY COUPLED STEPPED IMPEDANCE RESONATORS	Docket # GE01594
74. 5,173,941	REDUCED CODEBOOK SEARCH ARRANGEMENT FOR CELP VOCODERS	Docket # GE02174
75. 5,175,703	HIGH SPEED FULL ADDER AND METHOD	Docket # GE02146
76. 5,177,381	DISTRIBUTED LOGARITHMIC AMPLIFIER AND METHOD	Docket # GE02039
77. 5,179,591	ALGORITHM INDEPENDENT CRYPTOGRAPHIC KEY MANAGEMENT	Docket # GE02195
78. 5,179,594	EFFICIENT CALCULATION OF AUTO-CORRELATION COEFFICIENTS FOR CELP VOCODER ADAPTIVE CODEBOOK	Docket # GE02173
79. 5,187,745	EFFICIENT CODEBOOK SEARCH FOR CELP VOCODERS	Docket # GE02175
80. 5,208,853	METHOD AND APPARATUS FOR USAGE PROTECTION OF DATA FILES USING SPLIT KEY AND UNIQUE VARIABLE	Docket # GE02197
81. 5,218,325	LOW NOISE OSCILLATOR	Docket # GE02275
82. 5,223,691	PLASMA BASED SOLDERING METHOD REQUIRING NO ADDITIONAL HEAT SOURCES OR FLUX	Docket # GE02080
83. 5,226,152	FUNCTIONAL LOCKSTEP ARRANGEMENT FOR REDUNDANT PROCESSORS	Docket # SEC00009
84. 5,230,020	ALGORITHM INDEPENDENT CRYPTOGRAPHIC KEY MANAGEMENT	Docket # GE02195
85. 5,249,212	OBJECT REUSE PROTECTION WITH ERROR CORRECTION	Docket # GE02258
86. 5,249,231	MEMORY TAGGING FOR OBJECT REUSE PROTECTION	Docket # GE02259
87. 5,265,269	INTERMEDIATE FREQUENCY INDEPENDENT STAR MIXER	Docket # GE02038
88. 5,271,023	UNINTERRUPTABLE FAULT TOLERANT DATA PROCESSOR	Docket # GE02184
89. 5,278,873	BROADBAND DIGITAL PHASE ALIGNER	Docket # GE02060
90. 5,292,254	METHOD FOR DETERMINING MINE-FIELD EFFECTS IN A SIMULATED BATTLEFIELD	Docket # GE02206
91. 5,298,905	VISIBLE LIGHT DETECTION AND RANGING APPARATUS AND METHOD	Docket # GE02233
92. 5,303,418	HIGH ISOLATION MIXER	Docket # GE02181
93. 5,304,961	IMPEDANCE TRANSFORMING DIRECTIONAL COUPLER	Docket # GE02237

PATENT

REEL: 016996 FRAME: 0376

Application or Patent #	Title	Attorney Docket No.
94.	5,311,122 RF TEST INTERFACE CONNECTION	Docket # CE05029R
95.	5,317,320 MULTIPLE RADAR INTERFERENCE SUPPRESSOR	Docket # GE02253
96.	5,335,281 NETWORK CONTROLLER AND METHOD	Docket # GE02374
97.	5,338,617 RADIO FREQUENCY ABSORBING SHIELD AND METHOD	Docket # GE02284
98.	5,339,462 BROADBAND MIXER CIRCUIT AND METHOD	Docket # GE02214
99.	5,341,115 REINFORCED WRAP AROUND GROUND AND METHOD	Docket # GE02093
100.	5,341,426 CRYPTOGRAPHIC KEY MANAGEMENT APPARATUS AND METHOD	Docket # GE02352
101.	5,341,427 ALGORITHM INDEPENDENT CRYPTOGRAPHIC KEY MANAGEMENT APPARATUS	Docket # GE02195
102.	5,342,999 APPARATUS FOR ADAPTING SEMICONDUCTOR DIE PADS AND METHOD THEREFOR	Docket # GE02360
103.	5,345,056 PLASMA BASED SOLDERING BY INDIRECT HEATING	Docket # GE02242
104.	5,357,567 METHOD AND APPARATUS FOR VOLUME SWITCHED GAIN CONTROL	Docket # GE02292
105.	5,359,444 AUTO-FOCUSING OPTICAL APPARATUS	Docket # GE02277
106.	5,365,591 SECURE CRYPTOGRAPHIC LOGIC ARRANGEMENT	Docket # GE02505
107.	5,381,332 PROJECT MANAGEMENT SYSTEM WITH AUTOMATED SCHEDULE AND COST INTEGRATION	Docket # GE02248
108.	5,383,185 METHOD AND APPARATUS FOR DATA COLLISION DETECTION IN A MULTI-PROCESSOR COMMUNICATION SYSTEM	Docket # GE02223
109.	5,386,204 HIGH ISOLATION MICROWAVE MODULE	Docket # GE02448
110.	5,389,738 TAMPERPROOF ARRANGEMENT FOR AN INTEGRATED CIRCUIT DEVICE	Docket # GE02260
111.	5,390,238 HEALTH SUPPORT SYSTEM	Docket # GE02294
112.	5,394,156 DIGITAL RANGE TURN-AROUND FOR TRACKING, TELEMETRY AND CONTROL TRANSPONDER	Docket # GE03509
113.	5,406,842 METHOD AND APPARATUS FOR LEVEL MEASUREMENT USING MICROWAVE SIGNALS	Docket # GE02454
114.	5,442,327 MMIC TUNABLE BIPHASE MODULATOR	Docket # GE02643
115.	5,446,423 DIGITAL SINGLE SIDEBAND MODULATOR AND METHOD	Docket # GE02609
116.	5,446,760 PROGRAMMABLE DIGITAL PULSE SHAPING PHASE MODULATOR	Docket # GE02269

Application or Patent #	Title	Attorney Docket No.
117.	METHOD FOR THE ELIMINATION OF AMBIGUOUS SOLUTIONS IN HYPERBOLIC POSITIONING SYSTEMS	Docket # GE02550
118.	SPECIAL FUNCTION ARITHMETIC LOGIC UNIT METHOD AND APPARATUS	Docket # GE02365
119.	SECURE COMMUNICATION SETUP METHOD	Docket # GE02471
120.	COMPLEX ARITHMETIC PROCESSOR AND METHOD	Docket # GE02371
121.	EXCITATION SYNCHRONOUS TIME ENCODING VOCODER AND METHOD	Docket # GE02385
122.	BIT ERROR RATE ESTIMATOR	Docket # GE03534
123.	DECISION FEEDBACK DEMODULATOR WITH PHASE AND FREQUENCY ESTIMATION	Docket # GE02383
124.	PITCH EPOCH SYNCHRONOUS LINEAR PREDICTIVE CODING VOCODER AND METHOD	Docket # GE02357
125.	DIGITAL VOICE PRIVACY APPARATUS AND METHOD	Docket # GE02661
126.	ARITHMETIC ENGINE WITH DUAL MULTIPLIER ACCUMULATOR DEVICES	Docket # GE02370
127.	TELECOMMUNICATIONS SECURITY MODULE	Docket # GE02497
128.	ARBITRARY REPEATING PATTERN DETECTOR	Docket # GE02222
129.	OPERATIONAL METHODS FOR A SECURE NODE IN A COMPUTER NETWORK	Docket # GE02355
130.	N-WAY IMPEDANCE TRANSFORMING POWER DIVIDER/COMBINER	Docket # GE02519
131.	ISOLATED MULTIPROCESSING COMPUTER ARCHITECTURE AND METHOD	Docket # GE02615
132.	A/D CONVERTER SUBSYSTEM WITH HALF LINEAR BUFFER AMPLIFIER	Docket # GE02600
133.	AN ARRANGEMENT FOR SIMULATING INDIRECT FIRE IN COMBAT TRAINING METHOD AND APPARATUS FOR POWER DIVIDING/COMBINING	Docket # GE02672
134.	PITCH EPOCH SYNCHRONOUS LINEAR PREDICTIVE CODING VOCODER AND METHOD	Docket # GE02357
136.	COMPUTER SYSTEM AND METHOD FOR SECURE REMOTE COMMUNICATION SESSIONS	Docket # GE02177
137.	SECURE COMMUNICATION SETUP METHOD	Docket # GE02471
138.	SEU HARDENING APPROACH FOR HIGH SPEED LOGIC	Docket # GE02675
139.	HIGH BANDWIDTH COMMUNICATION NETWORK AND METHOD	Docket # GE02488

PATENT

REEL: 016996 FRAME: 0378

Application or Patent #	Title	Attorney Docket No.
140.	METHOD AND APPARATUS FOR REAL-TIME ADAPTIVE INTERFERENCE CANCELLATION IN DYNAMIC ENVIRONMENTS	Docket # GE02537
141.	SECURE COMMUNICATION SETUP METHOD	Docket # GE02471
142.	EXCITATION SYNCHRONOUS TIME ENCODING VOCODER AND METHOD	Docket # GE02385
143.	METHOD AND APPARATUS FOR DIGITAL CORRELATION IN PSEUDO-RANDOM NOISE CODED SYSTEMS	Docket # GE02752
144.	METHOD AND APPARATUS FOR CONTROLLING A BIPHASE MODULATOR TO IMPROVE AUTOCORRELATION IN PSEUDO-RANDOM NOISE CODED SYSTEMS	Docket # GE02751
145.	METHOD AND APPARATUS FOR VISUALLY CORRELATING TEMPORAL RELATION-SHIPS	Docket # GE02610
146.	WORKING ASSET MANAGEMENT SYSTEM AND METHOD	Docket # GE02449
147.	METHOD AND APPARATUS FOR NUMERICALLY CONTROLLED OSCILLATOR WITH PARTITIONED PHASE ACCUMULATOR	Docket # GE02397
148.	COMMUNICATION SYSTEM USER AUTHENTICATION METHOD	Docket # GE02496
149.	METHOD FOR SECURE NETWORK ACCESS VIA MESSAGE INTERCEPT	Docket # GE02666
150.	METHOD AND APPARATUS FOR ADAPTIVE FILTERING IN A HIGH INTERFERENCE ENVIRONMENT	Docket # GE02396
151.	METHOD AND APPARATUS FOR FAULT ISOLATION BY A COMMUNICATION SYSTEM TESTER	Docket # GE02619
152.	PARTITIONED ECHO CANCELER UTILIZING DECIMATION ECHO LOCATION	Docket # GE02862
153.	SURVIVAL RADIO INTERROGATOR	Docket # GE02742
154.	METHOD AND APPARATUS FOR SYNTHESIS OF SPEECH EXCITATION WAVE FORMS	Docket # IRI03135
155.	TARGET DETECTION METHOD	Docket # GE02345
156.	UNIVERSAL BATTERY COMPARTMENT	Docket # GE02883
157.	SIMULTANEOUS TRANSFER OF VOICE AND DATA INFORMATION USING MULTI-RATE VOCODER AND BYTE CONTROL PROTOCOL	Docket # GE02855
158.	METHOD AND APPARATUS FOR A DECIMATING DIGITAL PN CORRELATOR	Docket # GE02758
159.	PARALLEL PROCESS ADDRESS GENERATOR AND METHOD	Docket # GE02369
160.	METHOD AND APPARATUS FOR IMPLEMENTING VECTOR QUANTIZATION OF SPEECH PARAMETERS	Docket # GE02764
161.	A THREE DIMENSIONAL LIGHT INTENSITY DISPLAY MAP	Docket # GE02603

Application or Patent #	Title	Attorney Docket No.
162. 5,809,396	RADIO TELECOMMUNICATION NETWORK K WITH SELECTABLE RING SIGNAL COVERAGE	Docket # GE09006
163. 5,822,193	APPARATUS AND METHOD FOR RIGIDLY STABILIZING CIRCUIT BOARDS	Docket # GE02943
164. 5,822,687	METHOD AND APPARATUS FOR AUTOMATIC TUNING CALIBRATION OF ELECTRICALLY TUNED FILTERS	Docket # GE02213
165. 5,841,874	TERNARY CAM MEMORY ARCHITECTURE AND METHODOLOGY	Docket # GE02893
166. 5,861,882	INTEGRATED TEST AND MEASUREMENT MEANS EMPLOYING A GRAPHICAL USER INTERFACE	Docket # GE02659
167. 5,862,132	SYSTEM AND METHOD FOR MULTIPLE ACCESS SHORT MESSAGE COMMUNICATIONS	Docket # GE09001
168. 5,862,152	HIERARCHICALLY MANAGED BOUNDARY-SCAN TESTABLE MODULE AND METHOD	Docket # GE02676
169. 5,867,774	SMART CONTROL PANEL FOR A RADIO	Docket # GE04022
170. 5,883,792	PRINTED WIRING CARD END BRACKET FOR RUGGEDIZING PRINTED WIRING CARDS	Docket # GE02941
171. 5,894,285	METHOD AND APPARATUS TO SENSE AIRCRAFT PILOT EJECTION FOR RESCUE RADIO ACTUATION	Docket # GE02884
172. 5,896,452	MULTI-CHANNEL ECHO CANCELER AND METHOD USING CONVOLUTION OF TWO TRAINING SIGNALS	Docket # GE02863
173. 5,901,226	COMMUNICATION SYSTEM WITH AUTOMATIC HANDOFF	Docket # GE02882
174. 5,903,603	MODEM TRAINING APPARATUS AND METHOD	Docket # GE02886
175. 5,909,359	APPARATUS FOR A CIRCUIT BOARD EXTENDER	Docket # GE02942
176. 5,917,911	METHOD AND SYSTEM FOR HIERARCHICAL KEY ACCESS AND RECOVERY	Docket # GE04092
177. 5,918,028	APPARATUS AND METHOD FOR SMART HOST BUS ADAPTER FOR PERSONAL COMPUTER CARDS	Docket # GE02947
178. 5,930,291	METHOD AND APPARATUS FOR SELECTING RANDOM VALUES FROM A NON-SEQUENTIAL SET	Docket # GE02363
179. 5,930,359	CASCADABLE CONTENT ADDRESSABLE MEMORY AND SYSTEM	Docket # GE02892
180. 5,940,508	METHOD AND APPARATUS FOR SEAMLESS CRYPTO REKEY SYSTEM	Docket # GE02872
181. 5,944,822	CHANNEL ISOLATION ARRANGEMENT AND METHOD FOR DISSOCIATED DATA	Docket # GE02763
182. 5,946,399	FAILSAFE DEVICE DRIVER AND METHOD	Docket # GE02997
183. 5,949,248	APPARATUS AND METHOD FOR DYNAMIC HARDENING OF A DIGITAL CIRCUIT	Docket # GE04137

Application or Patent #	Title	Attorney Docket No.
184. 5,958,073	RELIABILITY ENHANCED PROCESSING SYSTEM AND METHOD FOR OPTIMIZING	Docket # GE04000
185. 5,995,042	SPOOFER DETECTION POWER MANAGEMENT FOR GPS RECEIVERS	Docket # GE02880
186. 5,995,628	FAILSAFE SECURITY SYSTEM AND METHOD	Docket # GE02998
187. 5,999,990	COMMUNICATION HAVING RECONFIGURABLE RESOURCES	Docket # GE09048
188. 6,000,054	METHOD AND APPARATUS FOR ENCODING AND DECODING BINARY INFORMATION USING RESTRICTED CODED MODULATION AND PARALLEL CONCATENATION	Docket # GE09039
189. 6,002,878	PROCESSOR POWER CONSUMPTION ESTIMATOR AND METHOD THEREFOR	Docket # GE02936
190. 6,020,770	TRANSPARENT LATCH-BASED SEQUENCER AND SEQUENCE CONTROLLING METHOD	Docket # GE04283
191. 6,026,490	CONFIGURABLE CRYPTOGRAPHIC PROCESSING ENGINE AND METHOD	Docket # GE04011
192. 6,037,748	METHOD AND APPARATUS FOR CONTROL OF AN ELECTRONIC SYSTEM USING INTELLIGENT MOVEMENT DETECTION	Docket # IRI03813
193. 6,044,323	SATELLITE BASED COMMERCIAL AND MILITARY INTERCITY AND INTERCONTINENTAL AIR TRAFFIC CONTROL	Docket # GE04103
194. 6,044,458	CONTROL FLOW MONITOR SYSTEM AND METHOD	Docket # GE04184
195. 6,072,986	METHOD OF IDENTIFYING ANTENNA BEAMS FOR TRANSMISSION OF RING ALERT MESSAGES	Docket # GE09010
196. 6,073,014	METHOD AND SYSTEM FOR DYNAMIC GROUP RADIO USING EXISTING TELEPHONY INFRASTRUCTURE	Docket # GE09036
197. 6,081,895	METHOD AND SYSTEM FOR MANAGING DATA UNIT PROCESSING	Docket # GE04183
198. 6,081,896	CRYPTOGRAPHIC PROCESSING SYSTEM WITH PROGRAMMABLE FUNCTION UNITS AND METHOD	Docket # GE04010
199. 6,084,919	COMMUNICATION UNIT HAVING SPECTRAL ADAPTABILITY	Docket # GE04105
200. 6,085,073	METHOD AND SYSTEM FOR REDUCING THE SAMPLING RATE OF A SIGNAL FOR USE IN DEMODULATING HIGH MODULATION INDEX FREQUENCY MODULATE	Docket # GE09041
201. 6,085,090	AUTONOMOUS INTERROGABLE INFORMATION AND POSITION DEVICE	Docket # GE04094
202. 6,088,804	ADAPTIVE SYSTEM AND METHOD FOR RESPONDING TO COMPUTER NETWORK SECURITY ATTACKS	Docket # GE04136
203. 6,098,133	BUS ARBITER INTERCONNECT MODULE	Docket # GE02988
204. 6,101,255	PROGRAMMABLE CRYPTO PROCESSING SYSTEM AND METHOD	Docket # GE04009

Application or Patent #	Title	Attorney Docket No.
205.	6,108,419 DIFFERENTIAL FAULT ANALYSIS HARDENING APPARATUS AND EVALUATION METHOD	Docket # GE04138
206.	6,112,229 SECURE TERMINAL SYSTEM AND METHOD OF COMMUNICATING	Docket # GE02995
207.	6,118,805 METHOD AND APPARATUS FOR PERFORMING FREQUENCY HOPPING ADAPTATION	Docket # GE04279
208.	6,122,309 METHOD AND APPARATUS FOR PERFORMING INTERFERENCE SUPPRESSION USING MODAL MOMENT ESTIMATES	Docket # GE04280
209.	6,133,854 SATELLITE SUPPORTED TRAFFIC SIGNAL CONTROLLER	Docket # GE04104
210.	6,134,484 METHOD AND APPARATUS FOR MAINTAINING THE INTEGRITY OF SPACECRAFT BASED TIME AND POSITION USING GPS	Docket # GE04498
211.	6,141,548 METHOD AND APPARATUS FOR LOCATION BASED INTERCEPT IN A COMMUNICATIONS SYSTEM	Docket # GE09032
212.	6,141,757 SECURE COMPUTER WITH BUS MONITORING SYSTEM AND METHODS	Docket # GE04190
213.	6,144,739 COMPUTER NETWORK PROTECTION USING CRYPTOGRAPHIC SEALING SOFTWARE AGENTS AND OBJECTS	Docket # GE04134
214.	6,147,646 METHOD AND SYSTEM FOR COLLECTING INFORMATION ABOUT A PLURALITY OF EMITTERS	Docket # GE04369
215.	6,147,980 AVIONICS SATELLITE BASED DATA MESSAGE ROUTING AND DELIVERY SYSTEM	Docket # GE04186
216.	6,185,430 VOICE CALL GROUP FUNCTION FOR A SATELLITE BASED AIR TRAFFIC CONTROL SYSTEM	Docket # GE04187
217.	6,190,737 METALIZED ELASTOMERS	Docket # GE04194
218.	6,192,158 WAVELET IMAGE CODER USING TRELLIS-CODED QUANTIZATION	Docket # GE04120
219.	6,199,040 SYSTEM AND METHOD FOR COMMUNICATING A PERCEPTUALLY ENCODED SPEECH SPECTRUM SIGNAL	Docket # GE04141
220.	6,219,791 METHOD AND APPARATUS FOR GENERATING AND VERIFYING ENCRYPTED DATA PACKETS	Docket # IRI03845
221.	6,240,282 APPARATUS FOR PERFORMING NONLINEAR SIGNAL CLASSIFICATION IN A COMMUNICATIONS SYSTEM	Docket # IRI03815
222.	6,249,166 PIPELINED PROGRAMMABLE DIGITAL PULSE DELAY	Docket # GE04493
223.	6,269,252 PROGRAMMABLE BRIDGING APPARATUS TO CONNECT MULTIPLE NETWORKS OF DIFFERENT PROTOCOLS	Docket # GE09051
224.	6,301,239 DISTRIBUTED PACKET COMMUNICATION NETWORK	Docket # GE04097
225.	6,356,638 RADIO WIRELINE INTERFACE AND METHOD FOR SECURE COMMUNICATION	Docket # GE04191

PATENT

REEL: 016996 FRAME: 0382

Application or Patent #	Title	Attorney Docket No.
226.	VARIABLE TARGET TRANSITION DETECTION CAPABILITY AND METHOD THEREFOR	Docket # GE02629
227.	WIRELESS ACCESS UNIT UTILIZING ADAPTIVE SPECTRUM EXPLOITATION	Docket # IRI05025
228.	PROJECTILE WITH VARIABLE TARGET TRANSITION ON DETECTION CAPABILITY AND METHOD THEREFOR	Docket # GE02629
229.	TRACKING RADAR RECEIVER	Docket # GE01475
230.	IMAGE ENCODER USING DISCRETE COSINE TRANSFORM AND TRELLIS CODED QUANTIZATION	Docket # GE04002
231.	METHOD AND APPARATUS FOR ACCURATELY DETERMINING THE POSITION OF SATELLITES IN GEOSYNCHRONOUS ORBITS	Docket # GE04497
232.	ADAPTIVE WAVELET CODING OF HYPERSPECTRAL IMAGERY	Docket # GE04004
233.	SATELLITE BASED DATA TRANSFER AND DELIVERY SYSTEM	Docket # GE04178
234.	VOICE DECODER AND METHOD FOR DETECTING CHANNEL ERRORS USING SPECTRAL ENERGY EVOLUTION	Docket # GE04456
235.	METHOD AND APPARATUS FOR ERROR-RESILIENT VIDEO CODING	Docket # GE04596
236.	BURST COMMUNICATIONS METHOD AND APPARATUS	Docket # GE04368D02
237.	SOFTWARE DEFINED COMMUNICATIONS SYSTEM EXECUTION CONTROL	Docket # GE04564
238.	METHOD FOR A POST-AMPLIFIER FILTER REJECTION EQUALIZATION	Docket # IRI03913
239.	BURST COMMUNICATIONS METHOD AND APPARATUS	Docket # GE04368
240.	PROPOSITIONED FREQUENCY SYNTHESIZER AND METHOD THEREFOR	Docket # GE04682
241.	METHOD OF REGULATING A FLOW OF DATA IN A COMMUNICATION SYSTEM AND APPARATUS THEREFOR	Docket # GE04566
242.	COMMUNICATION SYSTEM AND METHOD FOR MULTI-RATE, CHANNEL-OPTIMIZED TRELLIS-CODED QUANTIZATION	Docket # GE04459
243.	METHOD AND SYSTEM FOR PROVIDING CRYPTOGRAPHIC SERVICES IN A DISTRIBUTED APPLICATION	Docket # GE04577
244.	DYNAMIC HARDWARE RESOURCE MANAGER FOR SOFTWARE-DEFINED COMMUNICATIONS SYSTEM	Docket # GE04562
245.	DYNAMIC DC BALANCING OF A DIRECT CONVERSION RECEIVER AND METHOD	Docket # GE04581
246.	SEPARATION KERNEL WITH MEMORY ALLOCATION, REMOTE PROCEDURE CALL AND EXCEPTION HANDLING MECHANISMS	Docket # GE04476
247.	ACTIVE INTERFERENCE SUPPRESSOR UTILIZING RECOMBINANT	Docket # GE04655

Application or Patent #	Title	Attorney Docket No.
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	TRANSMULTIPLEXING	
248.	RADIO TRANSMISSION TIMING CALIBRATOR	Docket # GE04572
249.	LOW NOISE, HIGH POWER VOLTAGE CONTROLLED OSCILLATOR	Docket # GE04662

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"GENERAL DYNAMICS DECISION SYSTEMS, INC.", A DELAWARE CORPORATION,

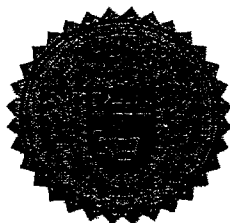
WITH AND INTO "GENERAL DYNAMICS C4 SYSTEMS, INC." UNDER THE NAME OF "GENERAL DYNAMICS C4 SYSTEMS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF DECEMBER, A.D. 2004, AT 7:25 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2005, AT 12:01 O'CLOCK A.M.

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

3510676 8100M

040951745



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State
AUTHENTICATION: 3595058

DATE: 01-04-05

PATENT
REEL: 016996 FRAME: 0385

**CERTIFICATE OF MERGER
OF
GENERAL DYNAMICS DECISION SYSTEMS, INC.,
INTO
GENERAL DYNAMICS C4 SYSTEMS, INC.**

The undersigned corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY THAT:

FIRST: The name and state of incorporation of each of the constituent corporations in the merger is as follows:

Name	State of Incorporation
General Dynamics Decision Systems, Inc.	Delaware
General Dynamics C4 Systems, Inc.	Delaware

SECOND: An Agreement and Plan of Merger dated as of December 17, 2004, and effective as of January 1, 2005 (the "Merger Agreement"), by and between General Dynamics C4 Systems, Inc. (the "Corporation"), a Delaware corporation and wholly-owned subsidiary of General Dynamics Government Systems Corporation, a Delaware corporation ("GSC"), and General Dynamics Decision Systems, Inc., a Delaware corporation and wholly-owned subsidiary of GSC, pursuant to which General Dynamics Decision Systems, Inc., will merge into the Corporation, has been approved, adopted, certified and acknowledged by each of the constituent corporations in accordance with Sections 228 and 251 of the General Corporation Law of the State of Delaware.

THIRD: The surviving corporation will retain the name of the Corporation ("General Dynamics C4 Systems, Inc.").

FOURTH: The Certificate of Incorporation and Bylaws of the Corporation, each as amended through the effective time of the merger, shall remain the Certificate of Incorporation and Bylaws of the surviving corporation without amendment.

FIFTH: The executed Merger Agreement is on file at an office of the surviving corporation, the address of which is:

General Dynamics C4 Systems, Inc.
c/o General Dynamics Corporation
2941 Fairview Park Drive, Suite 100
Falls Church, Virginia 22042

SIXTH: A copy of the Merger Agreement will be furnished by the surviving corporation, on request and without cost, to any stockholder of any constituent corporation.

SEVENTH: The merger will be effective as of 12:01 a.m. Eastern Standard Time on January 1, 2005.

IN WITNESS WHEREOF, the Corporation has caused this Certificate of Merger to be duly executed by an authorized officer this 17th day of December, 2004.

GENERAL DYNAMICS C4 SYSTEMS, INC.

By: Margaret N. House
Margaret N. House
Secretary