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**TRADEMARK ASSIGNMENT COVER SHEET**

Electronic Version v1.1  
 Stylesheet Version v1.2

12/06/2017  
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ETAS ID: TM453499

<b>SUBMISSION TYPE:</b>		NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>		Amended and Restated Intellectual Property Security Agreement	
<b>CONVEYING PARTY DATA</b>			
Name	Formerly	Execution Date	Entity Type
Kratos Defense & Security Solutions, Inc.		11/20/2017	Corporation: DELAWARE
A1 Metrix, Inc.		11/20/2017	Corporation:
Airorlite Communications, Inc.		11/20/2017	Corporation:
Avtec Systems, Inc.		11/20/2017	Corporation:
BSC Partners, LLC		11/20/2017	Limited Liability Company:
Carlsbad ISI, Inc.		11/20/2017	Corporation:
Charleston Marine Containers Inc.		11/20/2017	Corporation:
Dallastown Realty I, LLC		11/20/2017	Limited Liability Company:
Dallastown Realty II, LLC		11/20/2017	Limited Liability Company:
Defense Systems, Incorporated		11/20/2017	Corporation:
DEI Services Corporation		11/20/2017	Corporation:
DFI Realty, LLC		11/20/2017	<del>Corporation:</del> Limited Liability Company
Digital Fusion Solutions, Inc.		11/20/2017	Corporation:
Digital Fusion, Inc.		11/20/2017	Corporation:
Diversified Security Solutions, Inc.		11/20/2017	Corporation:
DTI Associates, Inc.		11/20/2017	Corporation:
General Microwave Corporation		11/20/2017	Corporation:
General Microwave Israel Corporation		11/20/2017	Corporation:
Gichner Systems Group, Inc.		11/20/2017	Corporation:
Gichner Systems International, Inc.		11/20/2017	Corporation:
Haverstick Consulting, Inc.		11/20/2017	Corporation:
Haverstick Government Solutions, Inc.		11/20/2017	Corporation:
Henry Bros. Electronics, Inc.		11/20/2017	Corporation: DELAWARE
Henry Bros. Electronics, Inc.		11/20/2017	Corporation: NEW JERSEY
Henry Bros. Electronics, L.L.C.		11/20/2017	Limited Liability Company:
HGS Holdings, Inc.		11/20/2017	Corporation:

OP \$1440.00 3623711

<b>Name</b>	<b>Formerly</b>	<b>Execution Date</b>	<b>Entity Type</b>
JMA Associates, Inc.		11/20/2017	Corporation:
KPSS Government Solutions, Inc.		11/20/2017	Corporation:
Kratos Communications, Inc.		11/20/2017	Corporation:
Kratos Defense & Rocket Support Services, Inc.		11/20/2017	Corporation:
Kratos Integral Holdings, LLC		11/20/2017	Limited Liability Company:
Kratos Integral Systems International, Inc.		11/20/2017	Corporation:
Kratos Public Safety & Security Solutions, Inc.		11/20/2017	Corporation:
Kratos Southeast, Inc.		11/20/2017	Corporation:
Kratos Space & Missile Defense Systems, Inc.		11/20/2017	Corporation:
Kratos Systems and Solutions, Inc.		11/20/2017	Corporation:
Kratos Technology & Training Solutions, Inc.		11/20/2017	Corporation:
Kratos Texas, Inc.		11/20/2017	Corporation:
KRATOS Unmanned Aerial Systems, Inc.		11/20/2017	Corporation:
Kratos Unmanned Systems Solutions, Inc.		11/20/2017	Corporation:
LVDM, Inc.		11/20/2017	Corporation:
Madison Research Corporation		11/20/2017	Corporation:
Micro Systems, Inc.		11/20/2017	Corporation:
MSI Acquisition Corp.		11/20/2017	Corporation:
Polexis, Inc.		11/20/2017	Corporation:
Real Time Logic, Inc.		11/20/2017	Corporation:
Reality Based IT Services LTD.		11/20/2017	Limited Corporation:
Rocket Support Services, LLC		11/20/2017	Limited Liability Company:
SAT Corporation		11/20/2017	Corporation:
SCT Acquisition, LLC		11/20/2017	Limited Liability Company:
Secureinfo Corporation		11/20/2017	Corporation:
Shadow I, Inc.		11/20/2017	Corporation:
Shadow II, Inc.		11/20/2017	Corporation:
Summit Research Corporation		11/20/2017	Corporation:
WFI NMC Corp.		11/20/2017	Corporation:
Kratos Southwest L.P.		11/20/2017	Limited Partnership:

**RECEIVING PARTY DATA**

<b>Name:</b>	SunTrust Bank
<b>Street Address:</b>	303 Peachtree Street NE, 25th Floor
<b>City:</b>	Atlanta
<b>State/Country:</b>	GEORGIA
<b>Postal Code:</b>	30308
<b>Entity Type:</b>	Banking Corporation: Georgia: GEORGIA

**PROPERTY NUMBERS Total: 57**

<b>Property Type</b>	<b>Number</b>	<b>Word Mark</b>
<b>Registration Number:</b>	3623711	KRATOS
<b>Registration Number:</b>	3715806	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3664225	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3785199	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3592181	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3592182	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3627791	KRATOS DEFENSE & SECURITY SOLUTIONS
<b>Registration Number:</b>	3640405	KRATOS
<b>Registration Number:</b>	3623755	FROM STRENGTH TO SUCCESS
<b>Registration Number:</b>	3640404	KRATOS DEFENSE
<b>Registration Number:</b>	3983805	KRATOS
<b>Registration Number:</b>	4269259	KRATOS INTEGRAL SYSTEMS INTERNATIONAL
<b>Registration Number:</b>	4898840	CYBERC4
<b>Registration Number:</b>	4337948	LUMISTAR
<b>Registration Number:</b>	4474718	EPOCH
<b>Registration Number:</b>	4477628	EPOCH IPS
<b>Registration Number:</b>	4477629	EPOCH T&C
<b>Registration Number:</b>	4765022	QUANTUMCMD
<b>Registration Number:</b>	4863590	QUANTUM COMMAND
<b>Registration Number:</b>	4765070	SPECTRALNET
<b>Registration Number:</b>	3123564	TRICOLD
<b>Registration Number:</b>	2854549	LSA
<b>Registration Number:</b>	3103708	HBE
<b>Registration Number:</b>	4285247	HBE
<b>Registration Number:</b>	4442102	COMPASS
<b>Registration Number:</b>	2718505	SATID
<b>Registration Number:</b>	2408731	ABE
<b>Registration Number:</b>	4034045	RT LOGIC AN INTEGRAL SYSTEMS COMPANY
<b>Registration Number:</b>	5240617	RT LOGIC

Property Type	Number	Word Mark
Registration Number:	4185208	RT LOGIC
Registration Number:	2603866	TELEMETRIX
Registration Number:	3993807	WEBIC
Registration Number:	4034314	INTEGRAL SYSTEMS
Registration Number:	4059075	TRUENORTH
Registration Number:	2673042	MONICS
Registration Number:	3597999	SAT-DSA
Registration Number:	2727623	SIGMON
Registration Number:	2328161	NEWPOINT
Registration Number:	2325495	NEWPOINT COMPASS
Registration Number:	2328160	NEWPOINT
Registration Number:	2970216	SECUREINFO
Registration Number:	3494758	SECUREINFO RMS
Registration Number:	3494757	SECUREINFO THE INFORMATION ASSURANCE EXP
Registration Number:	4342498	CEI
Registration Number:	4566219	CEI
Registration Number:	4446261	CEI
Registration Number:	4357228	COMPOSITE ENGINEERING INC.
Registration Number:	2867365	DOPPLER VUE
Registration Number:	3170480	
Registration Number:	3170447	NEURALSTAR
Serial Number:	86790953	M-PAK
Serial Number:	86790988	M-PAK DRIVERLESS TECHNOLOGY
Serial Number:	86969817	WOLF-PAK
Serial Number:	86969692	AIR, LAND, AND SEA WOLF-PAK SWARMING TEC
Registration Number:	1883355	RF RADIATION BADGE
Registration Number:	1313267	RAHAM
Registration Number:	0787130	GENERAL MICROWAVE

**CORRESPONDENCE DATA**

Fax Number: 6175236850

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

Phone: 617-523-2700

Email: susan.dinicola@hklaw.com,cody.cravens@hklaw.com

Correspondent Name: Holland & Knight LLP

Address Line 1: 10 St. James Avenue

Address Line 4: Boston, MASSACHUSETTS 02116

NAME OF SUBMITTER: Susan C. DiNicola

<b>SIGNATURE:</b>	/Susan C. DiNicola/
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<b>DATE SIGNED:</b>	12/06/2017
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**Total Attachments: 100**

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## AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT

This **AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT** (as the same may be amended, restated, extended, supplemented and/or otherwise modified from time to time, this “Agreement”) is made as of November 20, 2017 by and among each of the Grantors identified on the signature pages hereto (individually, jointly and severally, each a “Grantor” and collectively, the “Grantors”) in favor of SUNTRUST BANK, a Georgia banking corporation (“SunTrust”), administrative agent and as collateral agent for the Lenders (together with its successors and assigns in such capacities, “Agent”), for the benefit of the Lenders, as hereinafter defined.

### 1. Recitals.

Kratos Defense & Security Solutions, Inc., a Delaware corporation (“Borrower”) is entering into that certain Amended and Restated Credit and Security Agreement, dated as of November 20, 2017, with the lenders from time to time listed on Schedule 1 thereto (together with their respective successors and assigns and any other additional lenders that become party thereto, collectively, the “Lenders” and, individually, each a “Lender”) and Agent (as the same may be amended, restated, extended, supplemented and/or otherwise modified from time to time, the “Credit Agreement”), pursuant to which the Lenders may from time to time extend financial accommodations to the Borrower and its subsidiaries, including, without limitation, the Grantors.

The Grantors deem it to be in the direct pecuniary and business interests of the Grantors that Borrower obtain from the Lenders the Commitment, as defined in the Credit Agreement, and the Loans and Letters of Credit provided for in the Credit Agreement.

The Grantors understand that the Lenders are willing to enter into the Credit Agreement only upon certain terms and conditions, one of which is that the Grantors grant to Agent, for the benefit of the Lenders, a security interest in the Collateral, as hereinafter defined, and this Agreement is being executed and delivered in consideration of the Lenders entering into the Credit Agreement and each financial accommodation granted to the Borrower by the Lenders, and for other valuable consideration, the receipt and sufficiency of which is hereby acknowledged.

2. Definitions. Except as specifically defined herein, (a) capitalized terms used herein that are defined in the Credit Agreement shall have their respective meanings ascribed to them in the Credit Agreement, and (b) unless otherwise defined in the Credit Agreement, terms that are defined in the UCC are used herein as so defined. As used in this Agreement, the following terms shall have the following meanings:

“Assignment” means an Assignment in the form of Exhibit A attached hereto.

“Collateral” means, collectively, all of such Grantor’s existing and future right, title and interest in, to and under (a) industrial designs, patents, patent registrations, patent applications, trademarks, trademark registrations, trademark applications, service marks, trade names, and copyright registrations and other intellectual property or registrations, whether federal, state or foreign, including, but not limited to, those that are registered or pending as listed on Schedule 1 hereto (as such Schedule 1 may from time to time be amended, supplemented or otherwise modified); (b) common law trademark rights, copyrights, improvements, confidential information and inventions; (c) renewals, continuations, extensions, reissues and divisions of any of the foregoing; (d) rights to sue for past, present and future infringements or any other commercial tort claims relating to any of the foregoing; (e) all licenses and all income, revenue and royalties with respect to any licenses, whether registered or unregistered and all other payments earned under contract rights relating to any of the foregoing; (f) all general intangibles and all intangible



intellectual or similar property of such Grantor connected with and symbolized by any of the foregoing; (g) goodwill associated with any of the foregoing; (h) all payments under insurance, including the returned premium upon any cancellation of insurance (whether or not Agent or any Lender is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to any of the foregoing; and (i) Proceeds of any of the foregoing.

“Event of Default” means an event or condition that constitutes an Event of Default, as defined in Section 9.1 hereof.

“ITU Application” means a trademark application filed with the USPTO pursuant to 15 U.S.C. § 1051(b).

“Obligations” shall have the meaning set forth in the Credit Agreement and the Security Agreement, as applicable.

“Proceeds” means (a) proceeds, as such term is defined in the UCC, and any other proceeds, and (b) whatever is received upon the sale, exchange, collection, or other disposition of Collateral or proceeds, whether cash or non-cash. Cash proceeds include, without limitation, moneys, checks, and Deposit Accounts. Proceeds include, without limitation, any Account arising when the right to payment is earned under a contract right, any insurance payable by reason of loss or damage to the Collateral, and any return or unearned premium upon any cancellation of insurance. Except as expressly authorized in this Agreement, the right of Agent and the Lenders to Proceeds specifically set forth herein or indicated in any financing statement shall never constitute an express or implied authorization on the part of Agent or any Lender to such Grantor’s sale, exchange, collection, or other disposition of any or all of the Collateral.

“Trademark Act” means the U.S Trademark Act of 1946, as amended.

“USCO” means the United States Copyright Office in Washington, D.C.

“USPTO” means the United States Patent and Trademark Office in Alexandria, Virginia.

3. Grant of Assignment and Security Interest. In consideration of and as security for the full and complete payment of all of the Obligations, each Grantor hereby agrees that Agent shall at all times have, and hereby grants to Agent, for the benefit of the Lenders, a security interest (subject to Section 4 hereof) in all of the Collateral, including (without limitation) all of such Grantor’s future Collateral, irrespective of any lack of knowledge by Agent or the Lenders of the creation or acquisition thereof. Each Grantor, Agent and the Lenders hereby acknowledge and agree that with respect to any ITU Application included within the Collateral, to the extent such an ITU Application would under the Trademark Act be deemed to be transferred in violation of 15 U.S.C. § 1060(a) as a result of the security interest granted herein or otherwise invalidated or made unenforceable as a result of the execution or performance of this Agreement, no security interest shall be deemed to have been granted in such ITU Application (notwithstanding the provisions of this Agreement or any other Loan Document) until such time as the circumstances that would give rise to such violation, invalidation or unenforceability no longer exist.

4. Notice of Subordination of Security Interest. The security interest of Agent, for the benefit of the Lenders, in the trademarks, licenses, trade names, patents, trade secrets, domain names, and copyrights of each Grantor, and the general intangibles of each Grantor necessary for the operation of the equipment, machinery and motor vehicles (not constituting Inventory), including warranties and operational manuals and similar items, is subordinated to the security interest of Wilmington Trust,

National Association, as collateral agent ("Collateral Agent"), pursuant to that certain Intercreditor Agreement (the "Intercreditor Agreement"), dated as of November 20, 2017, between Agent and Collateral Agent. This subordination shall remain effective so long as the Intercreditor Agreement is in effect.

5. Representations and Warranties. Each Grantor, jointly and severally, hereby represents and warrants to Agent and each Lender as follows:

5.1. Such Grantor owns all of the Collateral and, whether the same are registered or unregistered, no such Collateral has been adjudged invalid or unenforceable.

5.2. The Collateral is valid and enforceable.

5.3. Such Grantor has no knowledge of any material claim that the use of any of the Collateral does or may violate the rights of any Person.

5.4. Except for liens expressly permitted pursuant to Section 5.9 of the Credit Agreement, such Grantor is the sole and exclusive owner of the entire and unencumbered right, title and interest in and to the Collateral, free and clear of any liens, charges and encumbrances, including, without limitation, pledges, assignments, licenses, registered user agreements and covenants by such Grantor not to sue third Persons.

5.5. Such Grantor has full power, authority and legal right to pledge the Collateral and enter into this Agreement and perform its terms.

5.6. Such Grantor has used, and shall continue to use, for the duration of this Agreement, proper statutory notice in connection with its use of the Collateral, except where the failure to do so will not have a Material Adverse Effect.

6. Further Assignment Prohibited. No Grantor shall enter into any agreement that is inconsistent with such Grantor's obligations under this Agreement and shall not otherwise sell or assign its interest in, or grant any license or sublicense with respect to, any of the Collateral, without Agent's prior written consent. Absent such prior written consent, any attempted sale or license is null and void.

7. Right to Inspect. Each Grantor hereby grants to Agent, for the benefit of the Lenders, and its employees and agents the right, during regular business hours, to visit any location of such Grantor or, if applicable, any other location, and to inspect the products and quality control records relating thereto at such Grantor's expense.

8. Standard Patent and Trademark Use. No Grantor shall use the Collateral in any manner that would jeopardize the validity or legal status thereof. Each Grantor shall comply with all patent marking requirements as specified in 35 U.S.C. §287. Each Grantor shall use commercially reasonable efforts to conform its usage of any trademarks to standard trademark usage, including, but not limited to, using the trademark symbols ®, ™, and <sup>SM</sup> where appropriate.

9. Events of Default.

9.1. The occurrence of an Event of Default, as defined in the Credit Agreement, shall constitute an Event of Default hereunder.

9.2. Grantor expressly acknowledges that Agent, on behalf of the Lenders, shall record this Agreement with the USCO and the USPTO, as appropriate. Contemporaneously herewith, each Grantor shall execute and deliver to Agent the Assignment, which Assignment shall have no force and effect and shall be held by Agent in escrow until the occurrence of an Event of Default; *provided, that*, anything herein to the contrary notwithstanding, the security interest and collateral assignment granted herein shall be effective as of the date of this Agreement. After the occurrence of an Event of Default, the Assignment shall immediately take effect upon certification of such fact by an authorized officer of Agent in the form reflected on the face of the Assignment and Agent may, in its sole discretion, record the Assignment with the USCO and the USPTO, as appropriate, or in any appropriate office in any foreign jurisdiction in which such patent, trademark, copyright or other intellectual property interest is registered, or under whose laws such property interest has been granted.

9.3. If an Event of Default shall occur, the Grantors irrevocably authorizes and empowers Agent, on behalf of the Lenders, to terminate the Grantors' use of the Collateral and to exercise such rights and remedies as allowed by law. Without limiting the generality of the foregoing, after any delivery or taking of possession of the Collateral, or any thereof, pursuant to this Agreement, then, with or without resort to any Grantor or any other Person or property, all of which each Grantor hereby waives, and upon such terms and in such manner as Agent may deem advisable, Agent, on behalf of the Lenders, in its sole discretion, may sell, assign, transfer and deliver any of the Collateral, together with the associated goodwill, or any interest that any Grantor may have therein, at any time, or from time to time. No prior notice need be given to any Grantor or to any other Person in the case of any sale of Collateral that Agent determines to be declining speedily in value or that is customarily sold in any recognized market, but in any other case Agent shall give the Borrower no fewer than ten days prior notice of either the time and place of any public sale of the Collateral or of the time after which any private sale or other intended disposition thereof is to be made. Each Grantor waives advertisement of any such sale and (except to the extent specifically required by the preceding sentence) waives notice of any kind in respect of any such sale. At any such public sale, Agent or any Lender may purchase the Collateral, or any part thereof, free from any right of redemption, all of which rights each Grantor hereby waives and releases. After deducting all Related Expenses, and after paying all claims, if any, secured by liens having precedence over this Agreement, Agent may apply the net proceeds of each such sale to or toward the payment of the Obligations, whether or not then due, in such order and by such division as Agent in its sole discretion may deem advisable. Any excess, to the extent permitted by law, shall be paid to the Grantors, and the obligors on the Obligations shall remain liable for any deficiency. In addition, Agent shall at all times have the right to obtain new appraisals of the Collateral, the cost of which shall be paid by the Grantors.

10. Maintaining Collateral; Attorneys' Fees, Costs and Expenses. The Grantors shall have the obligation and duty to perform all acts necessary to maintain or preserve the Collateral, *provided that* no Grantor shall be obligated to maintain any Collateral in the event such Grantor determines, in the reasonable business judgment of such Grantor, that the maintenance of such Collateral is no longer necessary in such Grantor's business. Any and all fees, costs and expenses, of whatever kind or nature, including, without limitation, the attorneys' fees and legal expenses incurred by Agent and the Lenders in connection with the amendment and enforcement of this Agreement, all renewals, required affidavits and all other documents relating hereto and the consummation of this transaction, the filing or recording of any documents (including all taxes in connection therewith) in public offices, the payment or discharge of any taxes, counsel fees, maintenance fees, encumbrances or otherwise protecting, maintaining or preserving the Collateral, or in defending or prosecuting any actions or proceedings arising out of or related to the Collateral, shall be borne and paid by the Grantors, upon demand by Agent and, until so paid, shall be added to the principal amount of the Obligations.

11. Grantors' Obligation to Prosecute. Except as otherwise agreed to by Agent in writing, each Grantor shall have the duty to prosecute diligently (unless in such Grantor's reasonable judgment such prosecution will be unsuccessful or is otherwise unwarranted) any patent, trademark, service mark or copyright application pending as of the date of this Agreement or thereafter until the Obligations shall have been paid in full, to file and prosecute opposition and cancellation proceedings and to do any and all acts that are necessary or desirable to preserve and maintain all rights in the Collateral, including, but not limited to, payment of any maintenance fees. Any expenses incurred in connection with the Collateral shall be borne by the Grantors. No Grantor shall abandon any Collateral without the prior written consent of Agent, unless such Grantor determines, in its reasonable business judgment, that such Collateral is no longer necessary in such Grantor's business or such abandonment will not have a Material Adverse Effect on such Grantor or such abandonment is in connection with the abandonment of a product or product line.

12. Agent's Right to Enforce. Each Grantor shall have the right to bring any opposition proceeding, cancellation proceeding or lawsuit in its own name to enforce or protect the Collateral. Agent, on behalf of the Lenders, shall have the right, but shall have no obligation, to join in any such action. Each Grantor shall promptly, upon demand, reimburse and indemnify Agent and the Lenders for all damages, reasonable costs and expenses, including attorneys' fees, incurred by Agent and the Lenders in connection with the provisions of this Section 12, in the event Agent, on behalf of the Lenders, elects to join in any such action commenced by such Grantor.

13. Power of Attorney. Each Grantor hereby authorizes and empowers Agent, on behalf of the Lenders, to make, constitute and appoint any officer or agent of Agent as Agent may select, in its exclusive discretion, as such Grantor's true and lawful attorney-in-fact, with the power to endorse, after the occurrence of an Event of Default, such Grantor's name on all applications, documents, papers and instruments necessary for Agent, on behalf of the Lenders, to use the Collateral, or to grant or issue any exclusive or nonexclusive license under the Collateral to any third party, or necessary for Agent, on behalf of the Lenders, to assign, pledge, convey or otherwise transfer title in or dispose of the Collateral, together with associated goodwill, to any Person or Persons. Each Grantor hereby ratifies all that such attorney shall lawfully do or cause to be done by virtue hereof. This power of attorney shall be irrevocable for the life of this Agreement.

14. Agent's Right to Perform Obligations. If any Grantor fails to comply with any of its obligations under this Agreement, Agent, on behalf of the Lenders, may, but is not obligated to, upon giving reasonable notice to the Borrower, do so in such Grantor's name or in the name of Agent, on behalf of the Lenders, but at such Grantor's expense, and such Grantor hereby agrees to reimburse Agent, upon request, in full for all expenses, including attorneys' fees, incurred by Agent and the Lenders in protecting, defending and maintaining the Collateral.

15. Additional Documents. Each Grantor shall, upon written request of Agent, enter into such additional documents or instruments as may be required by Agent in order to effectuate, evidence or perfect the interest of Agent and the Lenders in the Collateral, as evidenced by this Agreement.

16. New Collateral. If, before the Obligations shall have been irrevocably paid in full and the Commitment terminated, each Grantor shall obtain rights to any new Collateral, the provisions of this Agreement hereby shall automatically apply thereto as if the same were identified on Schedule 1 as of the date hereof and such Grantor shall give Agent prompt written notice thereof.

17. Modifications for New Collateral. Each Grantor hereby authorizes Agent to modify this Agreement by amending Schedule 1 to include any future Collateral as contemplated by Sections 1 and 16 hereof and, at Agent's request, the Grantors shall execute any documents or instruments required by

Agent in order to modify this Agreement as provided by this Section 17, provided that any such modification to Schedule 1 shall be effective without the signature of any Grantor.

18. Termination. At such time as the Obligations (other than contingent Obligations for which no written demand has been made or asserted) shall have been irrevocably paid in full, the Commitment terminated, and the Credit Agreement terminated and not replaced by any other credit facility with Agent and the Lenders, the Grantors shall have the right to terminate this Agreement. Upon written request of the Grantors, Agent shall promptly execute and deliver to Grantors all deeds, assignments, and other instruments as may be necessary or proper to release Agent's security interest in the Collateral and to re-vest in Grantors full title to the Collateral, subject to any disposition thereof that may have been made by Agent, for the benefit of the Lenders, pursuant hereto. Each Grantor will indemnify Agent and its Related Parties in all respects for all costs incurred by Agent in connection with such termination.

19. No Waiver. No course of dealing between any Grantor and Agent or any Lender, nor any failure to exercise, nor any delay in exercising, on the part of Agent or any such Lender, any right, power or privilege hereunder or under any of the Loan Documents shall operate as a waiver thereof; nor shall any single or partial exercise of any right, power or privilege hereunder or thereunder preclude any other or further exercise thereof or the exercise of any other right, power or privilege.

20. Remedies Cumulative. All of the rights and remedies of Agent and the Lenders with respect to the Collateral, whether established hereby or by the Loan Documents, or by any other agreements or by law shall be cumulative and may be executed singularly or concurrently.

21. Severability. The provisions of this Agreement are severable, and, if any clause or provision shall be held invalid and unenforceable in whole or in part in any jurisdiction, then such invalidity or unenforceability shall affect only such clause or provision, or part thereof, in such jurisdiction, and shall not in any manner affect such clause or provision in any other jurisdiction, or any other clause or provision of this Agreement in any jurisdiction.

22. Modifications. This Agreement may be amended or modified only by a writing signed by the Grantors and Agent. In the event that any provision of this Agreement is deemed to be inconsistent with any provision of any other document, other than the Credit Agreement, the provisions of this Agreement shall control.

23. Assignment and Successors. This Agreement shall not be assigned by any Grantor without the prior written consent of Agent. This Agreement shall bind the successors and permitted assigns of the Grantors and shall benefit the respective successors and assigns of Agent and the Lenders. Any attempted assignment or transfer without the prior written consent of Agent shall be null and void.

24. Notice. All notices, requests, demands and other communications provided for hereunder shall be in writing and, if to a Grantor, mailed or delivered to it, addressed to it at the address specified for the Borrower on the signature page of the Credit Agreement, if to Agent or any Lender, mailed or delivered to it, addressed to the address of Agent or such Lender specified on the signature pages of the Credit Agreement or, as to each party, at such other address as shall be designated by such party in a written notice to each of the other parties. All notices, statements, requests, demands and other communications provided for hereunder shall be deemed to be given or made when hand delivered, delivered by overnight courier or two Business Days after being deposited in the mails with postage prepaid by registered or certified mail, addressed as aforesaid, or sent by facsimile with telephonic confirmation of receipt, except that notices from a Grantor to Agent or any Lender pursuant to any of the provisions hereof shall not be effective until received by Agent or such Lender.

25. Governing Law; Submission to Jurisdiction.

(a) The provisions of this Agreement and the respective rights and duties of the Grantors, the Agent and the Lenders hereunder shall be governed by and construed in accordance with and be governed by the law (without giving effect to the conflict of law principles thereof except for Sections 5-1401 and 5-1402 of the New York General Obligations Law) of the State of New York.

(b) Each Grantor irrevocably and unconditionally submits, for itself and its property, to the exclusive jurisdiction of the United States District Court for the Southern District of New York, and of the Supreme Court of the State of New York sitting in New York county, and of any appellate court from any thereof, in any action or proceeding arising out of or relating to this Agreement or any other Loan Document or the transactions contemplated hereby or thereby, or for recognition or enforcement of any judgment, and each of the parties hereto hereby irrevocably and unconditionally agrees that all claims in respect of any such action or proceeding may be heard and determined in such District Court or New York state court or, to the extent permitted by applicable law, such appellate court. Each Grantor agrees that a final judgment in any such action or proceeding shall be conclusive and may be enforced in other jurisdictions by suit on the judgment or in any other manner provided by law. Nothing in this Agreement or any other Loan Document shall affect any right that the Agent or any Lender may otherwise have to bring any action or proceeding relating to this Agreement or any other Loan Document against any Grantor or its properties in the courts of any jurisdiction.

(c) Each Grantor hereby irrevocably and unconditionally waives any objection which it may now or hereafter have to the laying of venue of any such suit, action or proceeding described in subsection (b) of this Section and brought in any court referred to in subsection (b) of this Section. Each Grantor irrevocably waives, to the fullest extent permitted by applicable law, the defense of an inconvenient forum to the maintenance of such action or proceeding in any such court.

26. Amendment and Restatement. This Agreement amends and restates in its entirety the Intellectual Property Security Agreement, dated as of May 14, 2014 (the "Original Agreement"), by and among the Pledgors party thereto and the Agent, as amended, supplemented, amended and restated or otherwise modified from time to time prior to the date hereof. Each Grantor acknowledges and agrees that (a) this Agreement does not constitute a novation or termination of its obligations under the Original Agreement as in effect immediately prior to the date hereof; (b) its obligations under the Original Agreement are hereby ratified and confirmed in all respects; and (c) from and after the date hereof its obligations under the Original Agreement shall be evidenced by, and continued under, this Agreement. The security interest and Liens granted in the Collateral are given in renewal, confirmation, extension and modification, but not in extinguishment, of the security interests and Liens previously granted in the Collateral pursuant to the Original Agreement; such prior security interests and Liens are not extinguished hereby; and the making, perfection and priority of such prior security interests and Liens shall continue in full force and effect.


[Remainder of page intentionally left blank.]

JURY TRIAL WAIVER. EACH GRANTOR KNOWINGLY AND IRREVOCABLY WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ANY RIGHT IT MAY HAVE TO A TRIAL BY JURY IN ANY LEGAL PROCEEDING DIRECTLY OR INDIRECTLY ARISING OUT OF THIS AGREEMENT OR ANY OTHER LOAN DOCUMENT OR THE TRANSACTIONS CONTEMPLATED HEREBY OR THEREBY (WHETHER BASED ON CONTRACT, TORT OR ANY OTHER THEORY). EACH PARTY HERETO (A) CERTIFIES THAT NO REPRESENTATIVE, AGENT OR ATTORNEY OF ANY OTHER PARTY HAS REPRESENTED, EXPRESSLY OR OTHERWISE, THAT SUCH OTHER PARTY WOULD NOT, IN THE EVENT OF LITIGATION, SEEK TO ENFORCE THE FOREGOING WAIVER, AND (B) ACKNOWLEDGES THAT IT AND THE OTHER PARTIES HERETO HAVE BEEN INDUCED TO ENTER INTO THIS AGREEMENT AND THE OTHER LOAN DOCUMENTS BY, AMONG OTHER THINGS, THE MUTUAL WAIVERS AND CERTIFICATIONS IN THIS SECTION.

IN WITNESS WHEREOF, the undersigned has executed and delivered this Intellectual Property Security Agreement as of the date first set forth above.

GRANTORS:

KRATOS DEFENSE & SECURITY SOLUTIONS,  
INC.

By:   
\_\_\_\_\_  
Deanna Lund  
Executive Vice President &  
Chief Financial Officer




AI METRIX, INC.  
AIRORLITE COMMUNICATIONS, INC.  
AVTEC SYSTEMS, INC.  
BSC PARTNERS, LLC  
CARLSBAD ISI, INC.  
CHARLESTON MARINE CONTAINERS  
INC.  
DALLASTOWN REALTY I, LLC  
DALLASTOWN REALTY II, LLC  
DEFENSE SYSTEMS, INCORPORATED  
DEI SERVICES CORPORATION  
DFI REALTY, LLC  
DIGITAL FUSION SOLUTIONS, INC.  
DIGITAL FUSION, INC.  
DIVERSIFIED SECURITY SOLUTIONS,  
INC.  
DTI ASSOCIATES, INC.  
GENERAL MICROWAVE CORPORATION  
GENERAL MICROWAVE ISRAEL  
CORPORATION  
GICHNER SYSTEMS GROUP, INC.  
GICHNER SYSTEMS INTERNATIONAL,  
INC.  
HAVERSTICK CONSULTING, INC.  
HAVERSTICK GOVERNMENT  
SOLUTIONS, INC.  
HENRY BROS. ELECTRONICS, INC., a  
Delaware corporation  
HENRY BROS. ELECTRONICS, INC., a New  
Jersey corporation  
HENRY BROS. ELECTRONICS, L.L.C.  
HGS HOLDINGS, INC.  
JMA ASSOCIATES, INC.  
KPSS GOVERNMENT SOLUTIONS, INC.  
KRATOS COMMUNICATIONS, INC.  
KRATOS DEFENSE & ROCKET SUPPORT  
SERVICES, INC.  
KRATOS INTEGRAL HOLDINGS, LLC  
KRATOS INTEGRAL SYSTEMS  
INTERNATIONAL, INC.

By:

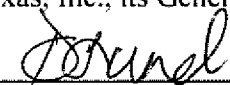


Deanna Lund  
Executive Vice President &  
Chief Financial Officer

KRATOS PUBLIC SAFETY & SECURITY SOLUTIONS, INC.  
KRATOS SOUTHEAST, INC.  
KRATOS SPACE & MISSILE DEFENSE SYSTEMS, INC.  
KRATOS SYSTEMS AND SOLUTIONS, INC.  
KRATOS TECHNOLOGY & TRAINING SOLUTIONS, INC.  
KRATOS TEXAS, INC.  
KRATOS UNMANNED AERIAL SYSTEMS, INC.  
KRATOS UNMANNED SYSTEMS SOLUTIONS, INC.  
LVDM, INC.  
MADISON RESEARCH CORPORATION  
MICRO SYSTEMS, INC.  
MSI ACQUISITION CORP.  
POLEXIS, INC.  
REAL TIME LOGIC, INC.  
REALITY BASED IT SERVICES LTD.  
ROCKET SUPPORT SERVICES, LLC  
SAT CORPORATION  
SCT ACQUISITION, LLC  
SCT REAL ESTATE, LLC  
SECUREINFO CORPORATION  
SHADOW I, INC.  
SHADOW II, INC.  
SUMMIT RESEARCH CORPORATION  
WFI NMC CORP.

By:   
Deanna Lund  
Executive Vice President &  
Chief Financial Officer

KRATOS SOUTHWEST L.P.,  
by Kratos Texas, Inc., its General Partner

By:   
Deanna Lund  
Executive Vice President &  
Chief Financial Officer

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California )  
County of San Diego )

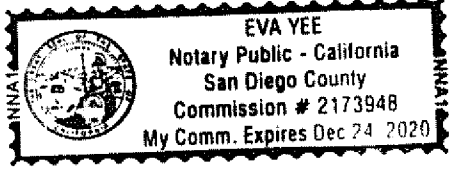
On November 20, 2017 before me, Eva Yee, Notary Public  
Date Here Insert Name and Title of the Officer

personally appeared Deanna Lund  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]  
Signature of Notary Public

Place Notary Seal Above

**OPTIONAL**

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document A&R  
Title or Type of Document: Krabs IP Sec. Agt. Document Date: 11/20/2017  
Number of Pages: 3 Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_



Signer's Name: \_\_\_\_\_  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Individual  Attorney in Fact  
 Trustee  Guardian or Conservator  
 Other: \_\_\_\_\_  
Signer Is Representing: \_\_\_\_\_

SCHEDULE 1

[See attached.]

**TRADEMARKS****KRATOS DEFENSE & SECURITY SOLUTIONS, INC.**

<b>APPLICANT/ FILE NO.</b>	<b>COUNTRY</b>	<b>MARK</b>	<b>CLASS/SERVICES</b>	<b>Serial No. Filing Date</b>	<b>Reg. No. Issue Date</b>	<b>STATUS</b>
120575-03US01 120575-1H	U.S.	KRATOS	42 = See attached Description "A"	77/248,392 8/6/07	3,623,711 5/19/09	Renewal due between 5/19/18 and 5/19/19
120575-06US05 120575-1G	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS	42 = See attached Description "A"	77/248,414 8/6/07	3,715,806 11/24/09	Renewal due between 11/24/18 and 11/24/19
120575-06US04 120575-1F	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS	9 = Home, office and building automation and security systems comprising wireless and wired controllers, controlled devices, software and computer hardware for lighting, HVAC, security, safety and other home, office and building monitoring and control applications; building security systems comprising hardware and software for providing picture, video, alarm status, building plans, environmental, access and security information to a remote station	77/248,426 8/6/07	3,664,225 8/4/09	Renewal due between 8/4/18 and 8/4/19
120575-06US03 120575-1E	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS	37 = Installation of security systems	77/248,436 8/6/07	3,785,199 5/4/10	Renewal due between 5/4/19 and 5/4/20

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120575-06US02 120575-1D	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS	38 = Telecommunication services, namely, providing building environmental, access and security information to a remote system	77/248,442 8/6/07	3,592,181 3/17/09	Renewal due between 3/17/18 and 3/17/19
120575-06US01 120575-1C	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS	45 = Control of building environmental, access and security systems; monitoring building environmental, access and security systems	77/248,457 8/6/07	3,592,182 3/17/09	Renewal due between 3/17/18 and 3/17/19
120575-07US01 120575-1I	U.S.	KRATOS DEFENSE & SECURITY SOLUTIONS and Design 	42 = See attached Description "B"	77/267,720 8/29/07	3,627,791 5/26/09	Renewal due between 5/26/18 and 5/26/19
120575-04US01 120575-1J	U.S.	KRATOS and Design 	42 = See attached Description "B"	77/267,714 8/29/07	3,640,405 6/16/09	Renewal due between 6/16/18 and 6/16/19
120575-02US01 120575-1K	U.S.	FROM STRENGTH TO SUCCESS	42 = See attached Description "B"	77/267,704 8/29/07	3,623,755 5/19/09	Renewal due between 5/19/18 and 5/19/19

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120575-05US01 120575-IL	U.S.	KRATOS DEFENSE	42 = See attached Description "B"	77/267,680 8/29/07	3,640,404 6/16/09	Renewal due between 6/16/18 and 6/16/19
120575-03US01 120575-IN	U.S.	KRATOS	35 = Business services, namely, business management in the public and private sectors in the fields of strategic messaging and communications; business consulting services in the public and private sectors in the fields of strategic messaging and communications, providing strategic outreach services in branding, crisis response, market research and speech writing; business planning and development of electronic communications networks; advertising communications dissemination planning; publications development, namely, publication of publicity texts and	85/015,106 4/15/10	3,983,805 6/28/11	Renewal due between 6/28/20 and 6/28/21

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			<p>consultation of publication of publicity texts; electronic marketing services, namely, creative marketing design services; consultation for business consultation in the field of marketing, advertising and promoting the goods, services or reputation of other in the fields of branding, crisis response, and market research; conference and event planning for business purposes; business services, namely, communications program implementation and management services, data analysis, evaluation and statistical reporting on effectiveness of messaging and communications initiatives; advertising copywriting</p>			




APPLICANT/ FILE NO.	COUNTR Y	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120575-08US01 120575-1	U.S.	KRATOS INTEGRAL SYSTEMS INTERNATIONAL	42 = Database development, graphic design services; website design and development services; planning and development of electronic communications networks; technical writing  37 = Integrated technology solutions for satellite communications-interfaced systems, namely, installation of satellite ground systems for computer hardware and telecommunications hardware for satellite command and control, data processing, simulation, integration and testing, tracking applications, ground equipment monitoring and control, flight software validation and analysis; Installation and maintenance of computer hardware for satellite ground systems	85/430,662 9/23/11	4,269,259 1/1/13	8&15 Affidavits due between 1/1/18 and 1/1/19; Renewal due between 1/1/22 and 1/1/23

APPLICANT/ FILE NO.	COUNTRY Y	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			<p>42 = Design for others</p> <p>of computer hardware and software for satellite ground systems; installation and maintenance of computer software for satellite ground systems; engineering services; providing mission critical engineering, communications and information technology services, including developing and implementing safeguards and controls for computer and communications network security by restricting access to and by computer networks to and of undesired web sites, media and individuals and facilities, planning for continuing operations and disaster recovery for computer networks, administration of computer system networks in operations centers in the</p>			

APPLICANT/ FILE NO.	COUNTRY Y	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			fields of military defense, commercial communications service providers, intelligence, surveillance, reconnaissance, homeland security, avionics and space programs to governmental agencies; providing design, development and integration of computer networks; computer and telecommunications network engineering and consulting services for enterprise solutions and integration			
Kratos Defense & Security Solutions, Inc. 120575-01US01 120575-1	U.S.	CYBERC4	9 - Computer programs for computer security; computer hardware containing computer security software; cyber security computer hardware and software to protect computer networks against unauthorized intrusion, data theft, compromise,	85/613,591 5/1/12	4,898,840 2/9/16	Section 8&15 Affidavits due between 2/9/21 and 2/9/22; Renewal due between 2/9/25 and 2/9/26

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			<p>infiltration and corruption by hackers, and other risks as it relates to computer security; cyber security appliances, namely, computer hardware and software combinations for protecting computer networks against unauthorized intrusion, data theft, compromise, infiltration and corruption by hackers, and other risks relating to computer security, for providing real-time Security Information Event Management (SIEM) for satellite networks for use in providing situational awareness across network and security devices, for providing real-time monitoring and recording and built-in alerting for use in protecting against insider threats, for providing cyber security hardware and software that</p>			

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			<p>passes secure information across classified and unclassified network domains, and for providing computer hardware and software combinations that reverse engineer internet protocol out of an RF link; cyber security software and software incorporating algorithms for use in harden system configuration against tampering</p> <p>42 - Computer security service, namely providing real-time Security Information Event Management (SIEM) for satellite networks for use in providing situational awareness across network and security devices</p>			

<p>Kratos Defense &amp; Security Solutions, Inc. 120575-1</p>	<p>U.S.</p>		<p>40 - Custom  manufacture of board-level telemetry products, namely, receivers and down converter boards, demodulators, bit sync and decom boards, diversity combiner boards, display boards, dynamic data simulator boards, portable receivers, bit synchronizers, airborne receivers, test transmitters with simulators, and test antennas</p> <p>42 - Custom design and development of board-level telemetry products, namely, receivers and down converter boards, demodulators, bit sync and decom boards, diversity combiner boards, display boards, dynamic data simulator boards, portable receivers, bit synchronizers, airborne receivers, test transmitters with simulators, test</p>	<p>85/720,402 9/4/12</p>	<p>4,337,948 5/21/13</p>	<p>Section 8&amp;15 Affidavits due between 5/21/18 and 5/21/19; Renewal due between 5/21/22 and 5/21/23</p>
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APPLICANT/ FILE NO.	COUNTR Y	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			antennas, and data processing software to display real time flight test operations			

**Service Descriptions**

Description "A" - Engineering services; consulting in the fields of engineering for weapons systems development, information technology services, computer and telecommunications network engineering, and design and inspection of fire alarm system and sprinkler suppression systems; on-line system management services that allow users to remotely view, monitor, program, operate and control electrical systems, environmental, access and security systems in homes, offices and buildings

Description "B" - Engineering services; providing mission critical engineering and information technology services, namely, software application design, development, implementation and maintenance to meet customer needs, developing and implementing safeguards and controls for computer network security by restricting access to and by computer networks to and of undesired web sites, media and individuals and facilities, planning for continuing operations and disaster recovery for computer networks, administration of computer system networks in operations centers for the government, customizing computer software for email systems for the customer and application service provider, namely, hosting databases, all in the fields of military defense, intelligence, surveillance, reconnaissance, homeland security, weapon systems support and maintenance, avionics and space programs to governmental agencies; providing design, development and integration of computer networks; consulting in the fields of engineering for weapons systems development, information technology services primarily directed to military defense, intelligence, surveillance, reconnaissance, homeland security, weapon systems support and maintenance, avionics and space programs, computer and telecommunications network engineering and consulting services for enterprise solutions and integration, namely, design and inspection of fire alarm system and sprinkler suppression systems; on-line system management services that allow users to remotely view, monitor, program, operate and control electrical systems, environmental, access and security systems in homes, offices and buildings

**KRATOS TECHNOLOGY & TRAINING SOLUTIONS, INC.**

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	CTM	SPECTRALNET	<p>9 - Computer hardware and software combinations, namely, computer processors, network gateway devices and signal processing software and firmware libraries which capture, ingest, and process analog spectrum (radio frequency (RF), intermediate frequency (IF), and baseband signals) into data samples, optionally record or play back the sampled data locally, and transport the data samples over a local or wide-area network using industry-standard internet protocol (IP) or fiber interfaces to process the sampled data digitally or reconstruct it back into its native analog formats at the remote destination.</p>	012024634 7/30/13	012024634 12/26/13	Renewal due 7/30/23



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	CTM	EPOCH	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	12797957 4/16/14	12797957 9/9/14	Renewal due 4/16/24
Kratos Technology & Training Solutions, Inc.	CTM	EPOCH IPS	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	12798047 4/16/14	12798047 9/9/14	Renewal due 4/16/24

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	CTM	EPOCH T&C	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	12797999 4/16/14	12797999 9/9/14	Renewal due 4/16/24
Kratos Technology & Training Solutions, Inc.	U.S.	EPOCH	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	85/958,352 6/12/13 USE	4474718 1/28/14	Section 8&15 due between 1/28/19 and 1/28/20; Renewal due between 1/28/23 and 1/28/24

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	U.S.	EPOCH IPS	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	85/958,358 6/12/13	4,477,628 2/4/14	Section 8&15 due between 2/4/19 and 2/4/20; Renewal due between 2/4/23 and 2/4/24
Kratos Technology & Training Solutions, Inc.	U.S.	EPOCH T&C	9 - Computer software for operating satellites, for operating satellite ground systems, and for operating a variety of satellite applications, namely, satellite command and control, ground equipment monitoring and control, tracking, telemetry display and analysis, simulation, scheduling and planning, payload monitoring, control, data processing, satellite database management, satellite and payload integration and test, orbit analysis, data archive, trending and statistical analysis	85/958,364 6/12/13	4,477,629 2/4/14	Section 8&15 due between 2/4/19 and 2/4/20; Renewal due between 2/4/23 and 2/4/24

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	U.S.	QUANTUMCMD	9 - Computer hardware, namely, servers, and computer software and integrated computer hardware and software combinations, all for satellite command and control and related ground system functionality for operating satellites and automation for unattended management and control of satellites, managing ground segment and space segment data exchange while performing satellite operations, orbital analysis of satellites, simulation and training for satellite command and control operators, control of satellite cryptographic devices and satellite mission data processing	85/959,550 6/13/13	4,765,022 6/30/15	Section 8&15 due between 6/30/20 and 6/30/21; Renewal due between 6/30/24 and 6/30/25

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	U.S.	QUANTUM COMMAND	9 - Computer hardware, namely, servers, and computer software and integrated computer hardware and software combinations, all for satellite command and control and related ground system functionality for operating satellites and automation for unattended management and control of satellites, managing ground segment and space segment data exchange while performing satellite operations, orbital analysis of satellites, simulation and training for satellite command and control operators, control of satellite cryptographic devices and satellite mission data processing	85/959,574 6/13/13	4,863,590 12/1/15	Section 8&15 due between 12/1/20 and 12/1/21; Renewal due between 12/1/24 and 12/1/25  First use: 1/31/14

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Technology & Training Solutions, Inc.	U.S.	SPECTRALNET	9 - Computer hardware and software combinations, namely, computer processors, network gateway devices and signal processing software and firmware libraries which capture, ingest, and process analog spectrum (radio frequency (RF), intermediate frequency (IF), and baseband signals) into data samples, optionally record or play back the sampled data locally, and transport the data samples over a local or wide-area network using industry-standard internet protocol (IP) or fiber interfaces to process the sampled data digitally or reconstruct it back into its native analog formats at the remote destination.	86/022,838 7/29/13 ITU	4,765,070 6/30/15	Section 8&15 due between 6/30/20 and 6/30/21; Renewal due between 6/30/24 and 6/30/25  First use: 1/31/14


CHARLESTON MARINE CONTAINERS, INC.

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Charleston Marine Containers, Inc. 119693-1	U.S.	TRICOLD	11 - Refrigerated freight containers	78/693,295 8/16/05	3,123,564 8/1/06	2 <sup>nd</sup> Renewal due between 8/1/25 and 8/1/26
Charleston Marine Containers, Inc.	U.S.	LSA	6 - Metal cargo containers and metal locks therefor	86/415,497 5/15/02	2,854,549 6/15/04	2 <sup>nd</sup> Renewal due between 6/15/23 and 6/15/24

**HENRY BROS. ELECTRONICS, INC.**



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Henry Bros. Electronics, Inc.	U.S.	HBE	37 - Installation and maintenance of electronic security systems 42 - Design of electronic security systems for others 45 - Consultation in the field of electronic security systems	78/643,380 6/3/05	3103708 6/13/06	2 <sup>nd</sup> Renewal due between 6/13/25 and 6/13/26




APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Henry Bros. Electronics, Inc.	U.S.		<p>9 - Home, office and building automation and security systems comprising wireless and wired controllers, controlled electric devices in the nature of software and computer hardware for controlling and monitoring lighting, HVAC, security, safety and other home, office and building monitoring and control applications; building security systems comprising hardware and software for providing picture, video, alarm status, building plans, environmental, access and security information to a remote station</p> <p>37 - Installation and maintenance of security systems</p> <p>38 - Telecommunication services, namely, providing access to pictures, video, alarm status, building plans and other building and security information at a remote station</p> <p>45 - Control of building environmental, access and security systems; monitoring building environmental, access and security systems; Consultation in the field of electronic security systems</p>	85/586,633 4/2/12 (USE)	4,285,247 2/5/13	Section 8&15 Affidavits due between 2/5/18 and 2/5/19; Renewal due between 2/5/22 and 2/5/23

**KRATOS INTEGRAL HOLDINGS, LLC.**



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	U.S.	<b>COMPASS</b>	9- Computer programs, namely computer operating software for use in collecting data, device monitoring and control for use in computer network management and wireless communications networks management	85197879 12/14/10	4,442,102 12/3/13	Section 8&15 due between 12/3/18 and 12/3/19; Renewal due between 12/3/22 and 12/3/23
Kratos Integral Holdings, LLC	U.S.	SATID	9 - electronic equipment, namely computer hardware and computer software, for detection and location of transmitters via satellites  42 - consulting services, namely technical analysis and evaluation of satellites, satellite systems and communication systems; scientific research and product development relating to satellites, satellite systems and communication systems; locating interfering transmitters by analyzing satellite relayed signals for the purpose of locating an interfering transmitter	76198559 1/24/01	2,718,505 5/27/03	2 <sup>nd</sup> Renewal due between 5/27/22 and 5/27/23



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	U.S.	ABE	9 - Satellite ground system software for display and analysis data from satellites, satellite subsystems and payloads, ground equipment, and test equipment and instrumentation	75886786 1/5/00	2,408,731 11/28/00	2 <sup>nd</sup> Renewal due between 11/28/19 and 11/28/20
Kratos Integral Holdings, LLC	U.S.	 RT LOGIC <small>an Inteltek Systems Company</small>	40 - Custom manufacture of advanced signal processing units in the satellite ground operations and satellite factory test marketplaces	85197882 12/14/10	4,034,045 10/4/11	Section 8&15 Affidavits due between 10/4/16 and 10/4/17; Renewal due between 10/4/20 and 10/4/21  Will allow cancellation and refile
Kratos Integral Holdings, LLC 01US01	U.S.	RT LOGIC and Design 	9 - Frequency converters, modems, data processors, satellite transmitters and receivers, multiplexers 40 - Custom manufacture of advanced signal processing units in the satellite ground operations and satellite factory test marketplaces 42 - Scientific and technological services, namely, scientific research, analysis, testing and research and design relating thereto for others in the field of	87246009 11/22/16	5,240,617 7/11/17	Section 8&15 due between 7/11/22 and 7/11/23; Renewal due between 7/11/26 and 7/11/27  2(f) in part claimed First use 3/26/97  Claim Reg. 4185208, 4034045

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	U.S.	RT LOGIC	<p>signal processing systems for the space and aerospace communications industry; scientific and technological services, namely, research and design in the field of signal processing systems for the space and aerospace communications industry; scientific and technological industrial analysis and research services for others in the field of signal processing systems for the space and aerospace communications industry</p> <p>9- frequency converters, modems, data processors, satellite transmitters and receivers, multiplexers</p> <p>40- custom manufacture of advanced signal processing units in the satellite ground operations and satellite factory test marketplaces</p> <p>42- scientific and technological services and research and design relating thereto for others in the field of signal processing systems for the space and aerospace communications industry; industrial analysis and research services for others in the field of signal processing systems for the space and</p>	85/349,043 6/17/2011	4,185,208 8/7/12	<p>Renewal due between 8/7/21 and 8/7/22</p> <p>Integral Systems, Inc. 6721 Columbia Gateway Drive Columbia, Maryland 21046</p> <p>Maryland Corp.</p>

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	U.S.	TELEMETRIX	aerospace communications industry 9 - electrical device used to deliver enabling solutions that are open, robust and flexible namely, advanced signal processing including demodulation, bit synchronization and removal of convolutional encoding that provide ground antenna site telemetry command IF and baseband signal processing functions for space-ground link system SGLS or non-SGLS requirements, direct support for the Air Force Satellite Control Network (AFSCN) and center telemetry and command processing products	76/161,079 11/8/00	2,603,866 8/6/02	2 <sup>nd</sup> Renewal due between 8/6/21 and 8/6/22
Kratos Integral Holdings, LLC	U.S.	WEBIC	9 - Web based computer application program that combines data from multiple networked systems into a single user interface through a browser-based thin client	85200149 12/16/10	3993807 7/12/11	Renewal due between 7/12/20 and 7/12/21
Kratos Integral Holdings, LLC	U.S.		37 - Integrated technology solutions for satellite communications-interfaced systems, namely, installation of satellite ground systems for computer hardware and telecommunications hardware	85/240,475 2/11/11	4,034,314 10/4/11	<b>Section 8&amp;15 Affidavits due between 10/4/16 and 10/4/17; Renewal due between 10/4/20 and 10/4/21</b>

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			<p>for satellite command and control, data processing, simulation, integration and testing, tracking applications, ground equipment monitoring and control, flight software validation and analysis; Installation and maintenance of computer hardware for satellite ground systems</p> <p>42 - Design for others of computer hardware and software for satellite ground systems; installation and maintenance of computer software for satellite ground systems</p>			Being discussed with client

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	U.S.	 (Color)	9 - Computer programs, namely, computer operating software to monitor and control solutions for configuration management, system notification and operator access for use in computer network management and wireless communications networks management	85/241,119 2/13/11	4,059,075 11/22/11	Section 8&15 Affidavits due between 11/22/16 and 11/22/17; Renewal due between 11/22/20 and 11/22/21  10/3/16 Let <u>cancel</u> per client
Kratos Integral Holdings, LLC	CTM		37 - Integrated technology solutions for satellite communications-interfaced systems, namely, installation of satellite ground systems for computer hardware and telecommunications hardware for satellite command and control, data processing, simulation, integration and testing, tracking applications, ground equipment monitoring and control, flight software validation and analysis; Installation and maintenance of computer hardware for satellite ground systems  42 - Design for others of computer hardware and software for satellite ground systems;	10045052 6/14/11	10045052 11/15/11	Renewal due 6/14/21

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			installation and maintenance of computer software for satellite ground systems			
Kratos Integral Holdings, LLC	CTM	 RT LOGIC <small>An Integral Systems Company</small>	40 - Custom manufacture of advanced signal processing units in the satellite ground operations and satellite factory test marketplaces	10044981 6/14/11	10044981 11/15/11	Renewal due 6/14/21
Kratos Integral Holdings, LLC	CTM	<b>COMPASS</b>	9 - Computer programs, namely computer operating software for use in collecting data, device monitoring and control for use in computer network management and wireless communications networks management	10044964 6/14/11	10044964 11/15/11	Renewal due 6/14/21
Kratos Integral Holdings, LLC	CTM	 <b>TRUENORTH</b> Color	9 - Computer programs, namely, computer operating software to monitor and control solutions for configuration management, system notification and operator access for use in computer network management and wireless communications networks management	10072023 6/23/2011	10072023 12/13/11	Renewal due 6/23/21
Kratos Integral Holdings, LLC	CTM	WEBIC	9 - Web based computer application program that combines data from multiple networked systems into a single user interface through a browser-based thin client	10045061 6/14/2011	10045061 11/15/11	Renewal due 6/14/21



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Kratos Integral Holdings, LLC	Singapore	SATID	9 - Satellite systems; electronic equipment and software for satellites, satellite systems and communication systems; electronic equipment and software for detection and location of transmitters via satellites	T0100710J 9/27/00	T0100710J 9/27/00	Renewal due 9/27/20
Kratos Integral Holdings, LLC	Singapore	SATID	42 - Technical analysis and evaluation of satellites, satellite systems and communication systems; scientific research and development relating to satellites, satellite systems and communication systems; detection and location of transmitters via satellites	T0100711I 9/27/00	T0100711I 9/27/00	Renewal due 9/27/20
Kratos Integral Holdings, LLC	UK	SATID	9 - Satellite systems; electronic equipment and software for satellites, satellite systems and communication systems; electronic equipment and software for detection and location of transmitters via satellites 42 - Technical analysis and evaluation of satellites, satellite systems and communication systems; scientific research and development relating to satellites, satellite systems and communication systems;	2246672 9/27/00	2246672 3/30/01	Renewal due 9/27/20


APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			detection and location of transmitters via satellites			

**SAT CORPORATION**

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
SAT Corporation	U.S.	MONICS	9 - Computer programs for measuring signal parameters, searching for unexpected signals, providing alarms for signal changes, remote instrumentation control, creation of online databases for signal parameters, signal frequency management, signal interference capture and location, surveillance of signal spectrums and locations, comparisons of signals to industry standards, storage of signals, communication signal monitoring, satellite payload monitoring, RF and IF frequency uplink and downlink measurements, signal carrier and transponder monitoring, generation of reports on all of the foregoing, all for use in the field of satellite communications	76/245,440 4/23/01	2,673,042 1/7/03	2 <sup>nd</sup> Renewal due between 1/7/22 and 1/7/23

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
SAT Corporation	U.S.	SAT-DSA	9 - Computer programs for measuring signal parameters, searching for unexpected signals, providing alarms for signal changes, remote instrumentation control, creation of online databases for signal parameters, signal frequency management, signal interference capture and location, surveillance of signal spectrums and locations, comparisons of signals to industry standards, storage of signals, communication signal monitoring, satellite payload monitoring, RF and IF frequency uplink and downlink measurements, signal carrier and transponder monitoring, generation of reports on all of the foregoing, all for use in the field of satellite communications	77/549,477 8/18/08	3,597,999 3/31/09	Renewal due between 3/31/18 and 3/31/19
SAT Corporation	U.S.	SIGMON	9 - computer programs for automatic signal monitoring of satellite communication systems	76/091,683 7/17/00	2,727,623 6/17/03	2 <sup>nd</sup> Renewal due between 6/17/22 and 6/17/23

**KRATOS COMMUNICATIONS, INC. (f/k/a NEWPOINT TECHNOLOGIES, INC.)**

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
Newpoint Technologies, Inc.	U.S.	NEWPOINT	9 - computer programs, namely, computer operating software for collecting data, for device monitoring and control, and for use in computer network management and wireless communications networks management	75521745 7/20/98	2328161 3/14/00	2 <sup>nd</sup> Renewal due between 3/14/19 and 3/14/20
Newpoint Technologies, Inc.	U.S.	NEWPOINT COMPASS	9 - computer programs, namely, computer operating software for use in collecting data, device monitoring and control for use in computer network management and wireless communications networks management	75521626 7/20/98	2325495 3/7/00	2 <sup>nd</sup> Renewal due between 3/7/19 and 3/7/20
Newpoint Technologies, Inc.	U.S.		9 - computer programs, namely, computer operating software for collecting data, for device monitoring and control, and for use in computer network management and wireless communications networks management	75521741 7/20/98	2328160 3/14/00	2 <sup>nd</sup> Renewal due between 3/14/19 and 3/14/20

**SECUREINFO CORPORATION**

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
SecureInfo Corporation	CTM	COMPLIANCEAUT HORITY	<p>9 - Computers, computer hardware and computer software, parts and fittings for all the aforesaid goods; computer peripherals; integrated circuits; electronic publications (downloadable); computer hardware and computer software for database management, computer programs; computer software and publications in electronic form (downloadable) supplied on-line from databases, from facilities provided on a global computer network or the Internet; interactive computer software; apparatus for searching electronic information from a global computer</p>		4699575 10/20/05	Grant date: 10/9/06 Renew registration by 10/20/15  10/15/15 Client instructions not renewing

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			<p>network or the Internet; computer software for enterprise vulnerability management/remediation and security accreditation/certification, namely software for assessing and correcting computer network vulnerabilities and for automating, managing and monitoring regulatory compliance, risk management, corporate governance and security accreditation/certification</p> <p>16 - Paper, cardboard and goods made from these materials, not included in other classes; printed matter; bookbinding material; photographs; stationery; adhesives for stationery and household purposes; instructional and teaching material (except apparatus); plastic materials for</p>			

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			packaging (not included in other classes); printed publications; periodicals; journals; books; booklets; manuals; instructional manuals; leaflets; advertising and promotional material; pamphlets; catalogues; brochures; magazines; newsletters; newsletters featuring information on computer software; printed matter, namely newsletters, briefings and instructional materials featuring computers, computer networks, telecommunications, storage networks, networking, wireless applications, industrial and automotive controls, medical devices and technology; user guides for computer integrated circuits, programmable logic devices,			



APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
			reconfigurable logic devices, and computer software 42 - Computer hardware and software consulting services; computer programming; support and consultation services for managing computer systems, databases and applications; graphic design for the compilation of web pages on the Internet; information relating to computer hardware or software provided on line from a global computer network or the Internet; creating and maintaining web-sites; hosting the web-sites of others; information technology services, namely, consultation in the filed of assessing, correcting and managing			

APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
SecureInfo Corporation	CTM	SECUREINFO and Design	computer network vulnerabilities and security operations, regulatory compliance, risk management, corporate governance, network certification/accreditation and cyber  Class 9, 38, 42		4385357 6/16/06	Renew registration by 4/12/25

SecureInfo Corporation	U.S.	SECUREINFO	<p>9 - computer software for enterprise vulnerability management/remediation and security accreditation/certification, namely, software for assessing and correcting computer network vulnerabilities and for automating, managing and monitoring regulatory compliance, risk management, corporate governance and security accreditation/certification</p> <p>42 - information technology services, namely, consultation in the field of assessing, correcting and managing computer network vulnerabilities and security operations, regulatory compliance, risk management, corporate governance, network certification/accreditation and cyber security</p>	78350315 1/11/04	2970216 7/19/05	<p>Second Renewal due between 7/19/24 and 7/19/25</p> <p>First Use 9/9/97</p>
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APPLICANT/ REGISTRANT	COUNTRY	MARK	CLASS	SERIAL NO./ FILE DATE:	REG. NO./ ISSUE DATE	STATUS
SecureInfo Corporation	U.S.	SECUREINFO RMS	<p>9 - computer software for enterprise vulnerability management/remediation and security accreditation/certification, namely, software for assessing and correcting computer network vulnerabilities and for automating, managing and monitoring regulatory compliance, risk management, corporate governance and security accreditation/certification</p>	77/216,00 9 2/26/07	3,494,758 9/2/08	<p><b>Renewal due between 9/2/17 and 9/2/18</b></p> <p>First use: 5/2007</p> <p>9/14/17 reminder to CL</p>

<p>SecureInfo Corporation</p>	<p>U.S.</p>		<p>9 - computer software for enterprise vulnerability management/remediation and security accreditation/certification, namely, software for assessing and correcting computer network vulnerabilities and for automating, managing and monitoring regulatory compliance, risk management, corporate governance and security accreditation/certification</p> <p>42 - information technology services, namely, consultation in the field of assessing, correcting and managing computer network vulnerabilities and security operations, regulatory compliance, risk management, corporate governance, network certification/accreditation and cyber security</p>	<p>77/216,006 6/26/07</p>	<p>3,494,757 9/2/08</p>	<p><b>Renewal due between 9/2/17 and 9/2/18</b></p> <p>First use: 5/2007 (Cl. 9) 3/2007 (Cl. 42)</p> <p>9/14/17 reminder to CL</p>
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**SECUREINFO CORPORATION**

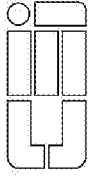
APPLICANT/ REGISTRANT	COUNTRY	NAME OF COPYRIGHT APPLICATION	REG. NO./ ISSUE DATE
SecureInfo Corporation	U.S.	RISK MANAGEMENT SYSTEM (RMS) SCREEN DISPLAY	VAu635-116 10/19/05
SecureInfo Corporation	U.S.	RISK MANAGEMENT SYSTEM (RMS) SQL DATABASE	TXu1-209-282 5/18/05
SecureInfo Corporation	U.S.	RISK MANAGEMENT SYSTEM (RMS) VER 3 2 06 02 WITH CONTENT	TXu1 209-211 5/16/05
SecureInfo Corporation	U.S.	RMS 3 2 06 QUICKSTART GUIDE	TXu1-209-292 5/27/05


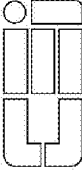

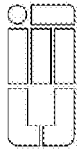
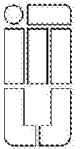
**COMPOSITE ENGINEERING INC.**

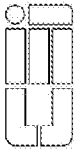
APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	U.S.	CEI	40 - Manufacture of metal, plastic and fiber-reinforced parts to order	85/747,163 10/5/12	4,342,498 5/28/13	Section 8 and 15 Affidavit due between 5/28/18 and 5/28/19; Renewal due between 5/28/22 and 5/28/23
120158-1	U.S.		6 - Devices for launching aerial targets, aerial drones and UAVs, namely metal rocket launching platforms  9 - Radio-controlled aerial targets; flight control electronics and avionics in the nature of flight control stations comprised of computers, command panels, namely hardware panel in the nature of an electric control panel with electric toggle switches and flight stick in the nature of computer hardware, RF receivers and transmitters, UHF antenna kits composed of UHF antennas, ultra high frequency (UHF) and global positioning satellite (GPS) antennas, radio frequency (RF) cables, tripods, computer network switches, uninterruptible power supply, and software for operation of ground control station and components, all for command and ground control of aerial target systems; flight control electronics and avionics, namely computers, RF cable, ethernet cable, transponders, auto pilot controls in the nature of electronic controllers for aerial vehicles, aerial	85/747,193 10/5/12	4,566,219 7/15/14	Section 8 and 15 Affidavit due between 7/15/19 and 7/15/20; Renewal due between 7/15/23 and 7/15/24

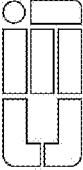
APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
			<p>targets, and drones; power line conditioners, power management unit in the nature of electronic controllers for aerial vehicles, aerial targets, and drones; and integrated flight controller in the nature of electronic controllers for aerial vehicles, aerial targets and drones, and software for command and ground control of aerial target systems</p> <p>12 - Aerial drones in the nature of unmanned aerial vehicles (UAVs); unmanned aerial vehicles (UAVs); devices for launching aerial targets, aerial drones and UAVs, namely, launch trailers</p> <p>13 - Devices for launching aerial targets, aerial drones and unmanned aerial vehicles (UAVs), namely expendable rocket launchers, launching systems in the nature of rocket launchers and pneumatic rocket launchers, pneumatic target launchers for aerial targets, aerial drones and unmanned aerial vehicles (UAVs), launch rails in the nature of rocket launchers, pneumatic rocket launchers</p>			

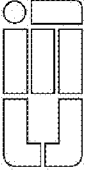


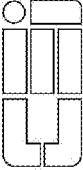

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	U.S.		<p>37 – Installation, repair and maintenance and operation of aerial target systems, aerial targets and target drones; Mission support services, namely refurbishing of aerial targets and target drones</p> <p>39 - Mission support services, namely launching and recovery of aerial targets and target drones</p> <p>40 –Manufacture of metals, plastic and fiber-reinforced parts to order; custom fabrication and assembly of fiberglass reinforced plastic products for others, namely, high performance aerial targets and target drones</p> <p>42 – Technology consultation and research in the field of aerospace engineering and high performance aerial target systems, turnkey target presentations, unmanned aerial systems development, advanced composites solutions for aerial targets, aerial target drones, and command and ground control systems</p>	85/747,313 10/5/12	4,446,261 12/10/13	Section 8 and 15 Affidavit due between 12/10/18 and 12/10/19; Renewal due between 12/10/22 and 12/10/23
120158-1	U.S.	COMPOSITE ENGINEERING INC.	40 - Manufacture of metals, plastic and fiber-reinforced parts to order; custom fabrication and assembly of fiberglass reinforced plastic products for others, namely high performance aerial targets and target drones	85/747,365 10/5/12	4,357,228 6/25/13	Section 8&15 due between 6/25/18 and 6/26/19; Renewal due between 6/25/22 and 6/25/23

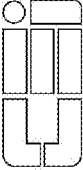

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	Australia		42	1509035 10/10/12	1519035 10/10/12	Renewal due 10/10/22
120158-1	Indonesia		37 – Installation, repair and maintenance of systems of air targets, targets in the air and shoot target (target drones); mission support services, namely deployment, launch, recovery and renewal return targets in the air and shoot target (target drones)	J00.2012.052684 11/1/12	IDM00046650 4 3/25/15	Renewal due 11/1/22
120158-1	Indonesia		42 - Technology consultation and research in the field of aerospace engineering and high performance air target system, the target presentation ready (turnkey), the development of unmanned aerial systems, advanced composite solutions for airborne targets, target shooting in the air (aerial drone targets), and command control systems and control systems on land	J00.2012.052687 11/1/12	IDM00046651 3/25/15	Renewal due 11/1/22
120158-1	Japan		13, 37, 42	2012-081744 1010/12	5625198 10/25/13	Renewal due 10/25/23
120158-1	Malaysia		37 - Installation, repair and maintenance of aerial target systems, aerial targets and target drones	2012057968 10/11/12	2012057968 10/11/2012	Renewal due 10/11/22

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	Malaysia		42 - Technology consultation and research in the field of aerospace engineering and high performance aerial target systems, turnkey target presentations, unmanned aerial systems development, advanced composites solutions for aerial targets, aerial target drones, and command and ground control systems	2012057965 10/11/12	2012057965 9/10/13	Renewal due 10/11/22


APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	S. Korea		37, 42	41-2012- 0033538 10/9/12	41-0266372 8/16/13	Renewal due 8/16/23

120158-1	Taiwan		<p>6 - Devices for launching aerial targets, aerial drones and UAVs, namely metal launching platforms, metal launch rails.</p> <p>9 - Flight control electronics and avionics, namely flight control stations and electronics for command and ground control of aerial target systems.</p> <p>12 - Aerial targets, aerial drones, and unmanned aerial vehicles (UAVs)..</p> <p>13- Devices for launching aerial targets, aerial drones and UAVs, namely tow launchers for weapons, payloads for missiles, pneumatic launchers for weapons.</p> <p>19- Devices for launching aerial targets, aerial drones and UAVs, namely non-metal launching platforms, non-metal launch rails.</p> <p>37 - Installation, repair, maintenance, recovery and refurbishing of aerial target hardware systems, aerial targets and target drones.</p> <p>42 - Technology consultation and research in the field of aerospace engineering and high performance aerial target systems, turnkey target presentations, unmanned aerial systems development, advanced composites solutions for aerial targets, aerial target drones, and command and ground control systems; installation, maintenance and update of aerial targets and target drones software systems.</p>	101057704 10/11/12	1664305 9/1/14	Renewal due 8/31/24
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APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	Thailand		13	866195 10/11/12	Kor384861 9/8/14	Renewal due 10/10/22
120158-1	Thailand		37	866196 10/11/12	Bor62587 7/3/14	Renewal due 10/10/22

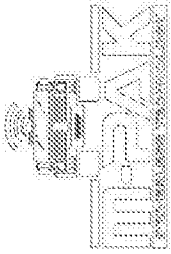
APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120158-1	Thailand		40	866197 10/11/12	Bor62588 7/3/14	Renewal due 10/10/22
120158-1	Thailand		42	866198 10/11/12	Bor62589 7/3/14	Renewal due 10/10/22

**AI METRIX, INC.**


APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
120253-03US01	U.S.	DOPPLER VUE	9 - Computer software for monitoring and graphically depicting the performance of communications networks and components thereof	76/410,893 5/23/02	2,867,365 7/27/04	Second Renewal due between 7/27/23 and 7/27/24
120253-02US01	U.S.		9 - Telecommunications software for use in the distribution and management of data across a network	76/650,168 11/4/05	3,170,480 11/14/06	2 <sup>nd</sup> Renewal due between 11/14/25 and 11/14/26
120253-01US01	U.S.	NEURALSTAR	9 - Telecommunications software for use in distribution management of data across a network	76/639,104 5/20/05	3,170,447 11/14/06	2 <sup>nd</sup> Renewal due between 11/14/25 and 11/14/26  USPTO records incorrectly list Registrant as CA corp. instead of DE corp



**MICRO SYSTEMS, INC.**

APPLICANT / FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
122882-01US01	U.S.	M-PAK	9 - Ground vehicle automation kits for the remote control operation and autonomous GPS path following control of unmanned vehicles comprising electronic steering actuators, navigation modules, electronic actuators, and location, speed, and radar sensors for use in training, mining, construction, tactical operations, weapons evaluation, and security related applications	86/790,953 10/16/15		10/10/17 Statement of Use accepted First Use CL 9: 11/30/16 First Use CL 37: 3/18/17 (deleted)
122882-02US01	U.S.	M-PAK DRIVERLESS TECHNOLOGY and Design Drawing page amended to: 	9 - Ground vehicle automation kits for the remote control operation and autonomous GPS path following control of unmanned vehicles comprising electronic steering actuators, navigation modules, electronic actuators, and location, speed, and radar sensors for use in training, mining, construction, tactical operations, weapons evaluation, and security related applications	86/790,988 10/16/15		10/10/17 Statement of Use accepted First Use CL 9: 11/30/16 First Use CL 37: 3/18/17 (deleted)

APPLICANT / FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
122882- 03US01	U.S.	WOLF-PAK	9 - Radiofrequency (RF) communication and ranging systems comprised of software and microprocessors, radio transceivers, radio transponders, and radar, to transmit and receive communications and ranging information for collision avoidance among a plurality of swarming vehicles, namely: unmanned land vehicles, unmanned aircraft, and unmanned seaborne vessels, the swarming vehicles including a leader vehicle and multiple follower vehicles	86/969,817 4/8/16 ITU		11/1/16 Notice of Allowance; 10/2/17 Extension 2 filed and deleted class 37; <b>Statement of Use or 3<sup>rd</sup> extension due 5/1/18</b>

APPLICANT / FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
122882-04US01	U.S.	AIR, LAND, AND SEA WOLF-PAK SWARMING TECHNOLOGY and Design 	<p>9 - Radiofrequency (RF) communication and ranging systems comprised of software and microprocessors, radio transceivers, radio transponders, and radar, to transmit and receive communications and ranging information for collision avoidance among a plurality of swarming vehicles, namely: unmanned land vehicles, unmanned aircraft, and unmanned seaborne vessels, the swarming vehicles including a leader vehicle and multiple follower vehicles</p> <p>37 - Installation, maintenance, and repair of apparatus for unmanned vehicle swarming operations; unmanned vehicle customization services, namely installation of unmanned vehicle swarming technology kits to provide communications and ranging information for collision avoidance among a plurality of vehicles in swarming operations</p>	86/969,692 4/8/16 ITU		9/5/17 Published for opposition

**GENERAL MICROWAVE CORPORATION**

APPLICANT/ FILE NO.	COUNTRY	MARK	CLASS/SERVICES	Serial No. Filing Date	Reg. No. Issue Date	STATUS
	U.S.	RF RADIATION BADGE & design	US Class 026. Radiation dosimeters, namely electronic radiation monitors for personal use	74373896 3/31/93	1,883,355 3/14/93	Issued and active
	U.S.	RAHAM	US Classes 021, 026. Radiation Hazard Meters, Meter Cases, and Wire Interconnecting Cables Therefor	73459793 1/6/84	1,313,267 1/8/85	Issued and active
	U.S.	GENERAL MICROWAVE	US Class 026. Microwave measuring equipment, instruments, and components- namely, power meters, power levelers, bolometers, bolometer and thermistor mounts, noise generators, noise figure meters, signal generators, voltmeters, microwave tuners and detector mounts, standing wave indicators, slotted lines, frequency meters, calorimeters, sliding terminations, and signal samplers	72182792 12/11/63	787,130 3/23/65	Issued and active

U.S. and Foreign Copyrights and Applications  
As of October 30, 2017

**SECUREINFO CORPORATION**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	RISK MANAGEMENT SYSTEM (RMS) SCREEN DISPLAY	VAu000635116	10/18/05
U.S.	RISK MANAGEMENT SYSTEM (RMS) SQL DATABASE	TXu001209282	5/18/05
U.S.	RISK MANAGEMENT SYSTEM (RMS) VER 3 2 06 02 WITH CONTENT	TXu001209211	5/16/05
U.S.	RMS 3 2 06 QUICKSTART GUIDE	TXu001209292	5/27/05
U.S.	RISK MANAGEMENT SYSTEM (RMS) PHASE I OUTPUT	TXu001159806	10/18/05

**DEFENSE SYSTEMS, INC.**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	OPSEC training plan	TXu000602108	10/28/93

**MADISON RESEARCH CORPORATION**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	INSIGHT	TX0004607020	8/5/97

**SUMMIT RESEARCH CORPORATION**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	Charts : v2.1.	TXu001071666	10/15/02

**SAT CORPORATION**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	E4900 software	TX0005620254	2/3/02

**GENERAL MICROWAVE CORPORATION**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	General Microwave : full line catalog components and instruments : G32	TX0003219165	6/19/92

**MICRO SYSTEMS, INC.**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	[905-873 data concentrator program]	TX0002416003	10/31/88
U.S.	MARC : marketing and reorder control system	TXu000307295	12/18/87
U.S.	"Mort" mortgage qualification system	TXu000191860	3/27/85

**KRATOS DEFENSE & SECURITY SOLUTIONS, INC. (f/k/a WIRELESS FACILITIES, INC.)**

<b>COUNTRY</b>	<b>TITLE OF COPYRIGHT</b>	<b>REG. NO.</b>	<b>ISSUE DATE</b>
U.S.	NetOptimizer	TXu000937012	2/10/00
U.S.	NetStats : v2.30a / programmed by Artem Koltsov	TXu000937013	2/10/00
U.S.	NetView v3.0	TXu000811915	12/3/97

**Kratos Entity Patent Status Chart  
Status of U.S. & Foreign Patents and Applications<sup>1</sup>  
As of October 30, 2017**

**KRATOS INTEGRAL HOLDINGS, LLC**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-001SAT	United States	RADIO FREQUENCY IDENTIFICATION TAG FORMATTING METHOD	09/802,730	3/9/2001	6,480,100	11/12/2002	Issued	None/All Maintenance Fees Paid Exp: 7/10/2021
119085-002UTL	United States	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	09/955,224	9/19/2001	6,618,009	9/9/2003	Issued	None/All Maintenance Fees Paid Exp: 7/11/2020
119085-002AU1	Australia	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	200063016	7/31/2000	768011	3/11/2004	Issued	Annuity Due 7/31/2018
119085-002CA1	Canada	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	2,380,802	7/31/2000	2,380,802	12/16/2008	Issued	Annuity Due 7/31/2018
119085-002DE1	Germany	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.x	7/31/2000	60022889.4	9/28/2005	Issued	Annuity Due 7/31/2018
119085-002EP1	Europe	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.1	7/31/2000	EP1204882	9/28/2005	Issued	None/validation complete.

<sup>1</sup> Add patents owned by Avtec System, Inc., General Microwave Corp., General Microwave Israel Corp. and Real Time Logic, Inc.



Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-002FR1	France	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.1	7/31/2000	EP1204882	9/28/2005	Issued	Annuity Due 7/31/2018
119085-002GB1	United Kingdom	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.1	7/31/2000	EP1204882	9/28/2005	Issued	Annuity Due 7/31/2018
119085-002IT1	Italy	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.1	7/31/2000	EP1204882	9/28/2005	Issued	Annuity Due 7/31/2018
119085-002JP1	Japan	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	2001-519206	7/31/2000	4782336	7/15/2011	Issued	Annuity Due 7/15/2018
119085-002KR1	Korea	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	2002-7002169	7/31/2000	0810923	2/29/2008	Issued	Annuity Due 2/28/2018
119085-002LU1	Luxembourg	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	00949742.1	7/31/2000	EP1204882	9/28/2005	Issued	Annuity Due 7/31/2018
119085-002MX1	Mexico	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	PA/a/2002/01697	7/31/2000	227908	5/19/2005	Issued	None/All Annuities Paid Exp. 07/31/2020
119085-002SG1	Singapore	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	2002005510	7/31/2000	86622	6/30/2004	Issued	Annuity Due 7/31/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-002ZA1	South Africa	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	2002/00799	7/31/2000	2002/00799	6/25/2003	Issued	Annuity Due 7/31/2018
119085-003US1	United States	SATELLITE EPHEMERIS ERROR	12/293,186	9/16/2008	8,842,042	9/23/2015	Issued	1 <sup>st</sup> maintenance fee due 3/23/2018
119085-003AU1	Australia	SATELLITE EPHEMERIS ERROR	2007-232452	3/22/2007	2007232452	5/17/2012	Issued	Annuity Due 3/22/2018
119085-003BR1	Brazil	SATELLITE EPHEMERIS ERROR	PI0708831-0	3/22/2007	N/A	N/A	Pending	Awaiting first action. Annuity Due 3/22/2018
119085-003CA1	Canada	SATELLITE EPHEMERIS ERROR	2,645,572	3/22/2007	2645572	6/16/2015	Issued	Annuity Due 3/22/2018
119085-003EP1	Europe	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	None/validation complete
119085-003AT1	Austria	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003DE1	Germany	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	6020070466 52.0	6/15/2016	Issued	Annuity Due 3/22/2018
119085-003ES1	Spain	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003FR1	France	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003GB2	United Kingdom	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003IT1	Italy	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003LU1	Luxembourg	SATELLITE EPHEMERIS ERROR	07732103.2	3/22/2007	2002279	6/15/2016	Issued	Annuity due 3/22/2018
119085-003KR1	Korea	SATELLITE EPHEMERIS ERROR	10-2008-7026582	3/22/2007	10-1316729	10/2/2013	Issued	Annuity due 10/02/2018
119085-003MX1	Mexico	SATELLITE EPHEMERIS ERROR	MX/a/2008/012309	3/22/2007	285558	4/11/2011	Issued	Annuity Due 3/22/2021
119085-003SG1	Singapore	SATELLITE EPHEMERIS ERROR	200807051-8	3/22/2007	146261	4/29/2011	Issued	Annuity Due 3/22/2018
119085-003ZA1	South Africa	SATELLITE EPHEMERIS ERROR	2008/08080	3/22/2007	2008/08080	6/24/2009	Issued	Annuity Due 3/22/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-005UTL	United States	INCLINATION VECTOR CONTROL WITH CONTINUOUS OR QUASI-CONTINUOUS MANEUVERS	12/930,716	1/13/2011	9,004,408	4/14/2015	Issued	1 <sup>st</sup> Maintenance Fee due 10/14/2018
119085-006UTL	United States	LONGITUDE-DRIFT PHASE PLANE CONTROL WITH CONTINUOUS OR QUASI-CONTINUOUS MANEUVERS	12/931,005	1/21/2011	8,448,903	5/28/2013	Issued	2 <sup>nd</sup> Maintenance fee due 11/28/2020
119085-007US1	United States	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12/312,159	4/28/2009	8,081,111	12/20/2011	Issued	2 <sup>nd</sup> Maintenance Fee Due 6/20/2019
119085-007EP1	Europe	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	07824344.1	10/29/2007	2076788	10/10/2012	Issued	None/validation complete.
119085-007AT1	Austria	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	AT E579190	10/29/2007	2076788	10/10/2012	Issued	Annuity Due 10/29/2018
119085-007FR1	France	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	07824344.1	10/29/2007	2076788	10/10/2012	Issued	Annuity due 10/29/2018
119085-007DE1	Germany	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	60 2007 026 042.6	10/29/2007	2076788	10/10/2012	Issued	Annuity Due 10/29/2018
119085-007ES1	Spain	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	07824344.1	10/29/2007	2076788	10/10/2012	Issued	Annuity Due 10/29/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-007GB1	United Kingdom	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	0621486.0	10/28/2006	GB2443226	8 /17/2011	Issued	Annuity Due 10/28/2018
119085-007IT1	Italy	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	3673 BE/2012	10/29/2007	2076788	10/10/2012	Issued	Annuity Due 10/29/2018
119085-007LU1	Luxembourg	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	07824344.1	10/29/2007	2076788	10/10/2012	Issued	Annuity Due 10/29/2018
119085-007EP2	Europe	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	None/validation complete.
119085-007AT2	Austria	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.	10/29/2007	699902	12/03/2014	Issued	Annuity due 10/29/2018
119085-007DE2	Germany	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	60 2007 039 593.3	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018
119085-007ES2	Spain	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018
119085-007FR2	France	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-007GB2	United Kingdom	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018
119085-007IT2	Italy	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018
119085-007LU2	Luxembourg	METHOD AND APPARATUS FOR LOCATING THE SOURCE OF AN UNKNOWN SIGNAL	12159261.2	10/29/2007	2466327	12/03/2014	Issued	Annuity due 10/29/2018
119085-011UT1	United States	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13/843,393	3/15/2013	9,130,624	09/08/2015	Granted	1 <sup>st</sup> maintenance fee due 03/08/2019
119085-011CP1	United States	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	14/602,073	1/21/2015	9,219,631	12/22/2015	Granted	Reissue deadline 12/22/2017 1 <sup>st</sup> maintenance fee due 06/22/2019
119085-011AU1	Australia	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	2013317835	09/20/2013	N/A	N/A	Pending	Annuity due 09/20/2018
119085-011CA1	Canada	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	2885222	09/20/2013	N/A	N/A	Pending	Annuity due 9/20/2018; Examination request deadline 9/20/2018
119085-011EP1	Europe	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	None/validation formalities complete.

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-011AT1	Austria	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2019
119085-011DE1	Germany	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	6020130116 74.3	09/14/2016	Granted	Annuity due 9/20/2018
119085-011ES1	Spain	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2018
119085-011FR1	France	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2018
119085-011GB1	United Kingdom	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2018
119085-011IT1	Italy	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2018
119085-011LU1	Luxembourg	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	13771715.3	09/20/2013	2898601	09/14/2016	Granted	Annuity due 9/20/2018
119085-011JP1	Japan	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	2015-533226	09/20/2013	N/A	N/A	Pending	Awaiting patent office communication

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-011SG1	Singapore	ENVELOPE FEEDBACK INTERFERENCE REDUCTION AND DATA THROUGHPUT MAXIMIZATION	1120150148 4V	09/20/2013	201601	12/15/2015	Granted	Annuity due 9/20/2018
119085-012UT1	United States	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	14/282,717	5/20/2014	9,487,309	11/08/2016	Granted	Reissue deadline 11/08/2018 1 <sup>st</sup> maintenance fee due 05/08/2020
119085-012AU1	Australia	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	2014268743	05/20/2014	N/A	N/A	Pending	Acceptance Deadline 2/17/2018 Voluntary Amendment deadline 5/20/2019 Annuity due 5/20/2018
119085-012CA1	Canada	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	2911417	05/20/2014			Published	Annuity due 5/20/2018 Examination request deadline 05/20/2019
119085-012EP1	Europe	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	14748001.6	05/20/2014			Published	Annuity due 5/20/2018 Awaiting patent office communication
119085-012IL1	Israel	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	241851	05/20/2014			Pending	Response to Pre- Examination Notice due 04/05/2018
119085-012JP1	Japan	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	2016- 515003	05/20/2014			Pending	Awaiting patent office communication
119085-012SG1	Singapore	ECCENTRICITY CONTROL FOR GEOSYNCHRONOUS SATELLITES	1120150785 0	05/20/2014		3/08/2017	Granted	Annuity due 05/20/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-015AU1	Australia	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	2015248234	1/22/2015			Pending	Annuity due 1/22/2019 Awaiting patent office communication
119085-015BR1	Brazil	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	BR112016015926-8	1/22/2015			Pending	Annuity due 1/22/2019 Request for Examination due 1/22/2018
119085-015CA1	Canada	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	2,936,825	1/22/2015			Pending	Annuity due 1/22/2019 Request for Examination due 1/22/2020
119085-015EP1	Europe	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	None/validation formalities
119085-015AT1	Austria	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015DE1	Germany	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015ES1	Spain	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015FR1	France	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015GB1	United Kingdom	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018



Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-015IT1	Italy	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015LU1	Luxembourg	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	15750482.0	1/22/2015	3097673	9/13/2017	Granted	Annuity due 1/22/2018
119085-015IL1	Israel	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	246126	1/22/2015			Pending	Awaiting first action
119085-015JP1	Japan	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	2016-544545	1/22/2015			Pending	Request for Examination due 1/22/2018
119085-015SG1	Singapore	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	1120160473 5Y	1/22/2015			Pending	Supplementary Examination due 7/23/2018
119085-015ZA1	South Africa	SYSTEM AND METHOD FOR INCREASING SPOT BEAM SATELLITE BANDWIDTH	2016/04378	1/22/2015			Pending	Annuity due 1/22/2019
119085-016UT1	United States	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	14/509,710	10/08/2014	9,577,936	1/21/2017	Granted	Reissue deadline 2/21/2019 1 <sup>st</sup> maintenance fee due 08/21/2020
119085-016AU1	Australia	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	2015223504	2/3/2015			Pending	Awaiting patent office communication Annuity due 2/3/2019
119085-016BR1	Brazil	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	BR11201601 94454	2/3/2015			Pending	Request for Examination 2/3/2018 Annuity due 2/3/2019

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-016CA1	Canada	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	2,939,868	2/3/2015			Pending	Request for Examination due 2/3/2020 Annuity due 2/3/2019
119085-016EP1	Europe	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	15705755.5	2/3/2015			Pending	Annuity due 2/3/2019;
119085-016IL1	Israel	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	247154	2/3/2015			Pending	Awaiting first action
119085-016JP1	Japan	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	2016-553637	2/3/2015			Pending	Awaiting patent office communication
119085-016SG1	Singapore	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	11201606453S	2/3/2015			Pending	Supplementary Examination due 8/27/2018
119085-016ZA1	South Africa	PACKETIZED RADIO FREQUENCY TRANSPORT SYSTEM	2016/06033	2/3/2015			Pending	Annuity due 2/03/2019; Awaiting Notice of Allowance
119085-017TU1	United States	SYSTEM AND METHOD FOR SIGNAL CANCELLATION IN SATELLITE COMMUNICATION	15/649,408	7/13/2017			Pending	Awaiting office action
119085-017WO1	WIPO	SYSTEM AND METHOD FOR SIGNAL CANCELLATION IN SATELLITE COMMUNICATION	PCT/US2017/042132	7/14/2017			Pending	Awaiting Search Report
119085-018UT1	United States	SYSTEM AND METHOD FOR INTERFERENCE REDUCTION IN RADIO COMMUNICATIONS	15/670,996	8/07/2017			Pending	Awaiting office action; Foreign Filing due 8/07/2018
119085-019PV1	United States	SYSTEM AND METHOD FOR OPTIMIZING SATELLITE GATEWAY DIVERSITY	62/532,859	7/14/2017			Pending	Foreign Filing and US Utility Filing due 7/14/2018

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-020PV1	United States	SYSTEM AND METHOD FOR OPTIMIZING SATELLITE GATEWAY DIVERSITY	62/575,270	10/20/2017			Pending	Foreign Filing and US Utility Filing due 10/20/2018 Foreign Filing and US Utility Filing due
119085-AVT001	United States	COUPLED RESONATOR FILTERS FORMED BY MICROMACHINING	10/534,289	4/24/2006	7,449,979	11/11/2008	Issued	3 <sup>RD</sup> Maintenance Fee Due 5/11/2020

**SAT CORPORATION**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119085-001SAT	United States	RADIO FREQUENCY IDENTIFICATION TAG FORMATTING METHOD	09/802,730	3/9/2001	6,480,100	11/12/2002	Issued	None/All Maintenance Fees Paid Exp: 7/10/2021

**KRATOS TECHNOLOGY & TRAINING SOLUTIONS, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
120571-SIC001	United States	METHODS AND APPARATUS FOR DATA PRESERVATION AND SOFTWARE DISTRIBUTION WITHIN AN ENTERPRISE SYSTEM	10/831,322	4/26/2004	7,340,491	3/4/2008	Issued	3 <sup>rd</sup> Maintenance Fee Due 9/4/2019

**KRATOS TECHNOLOGY & TRAINING SOLUTIONS, INC. – Patents licensed to Seacoast Science  
(Seacoast representative responsible for maintenance fees)**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
120571-KTT03	United States	SENSOR HAVING IMPROVED SENSITIVITY	10/177,133	6/20/2002	6,864,692	3/8/2005	Issued	All maintenance fees paid.
120571-KTT04	United States	SENSOR AND SENSOR ARRAY HAVING IMPROVED SELECTIVITY	11/082,634	3/18/2005	6,977,511	12/20/2005	Issued	All maintenance fees paid.
120571-KTT06	United States	Fixed parallel plate MEMS capacitor microsensor and method of making same	10/242,966	9/13/2002	7,115,969	10/3/2006	Issued	3 <sup>rd</sup> Maintenance fee due 4/3/2018
120571-KTT07	United States	FIXED PARALLEL PLATE MEMS CAPACITOR MICROSENSOR ARRAY	11/542,741	10/2/2006	7,489,017	2/10/2009	Issued	3 <sup>rd</sup> Maintenance fee due 8/10/2020
120571-KTT08	United States	Methods for making fixed parallel plate MEMS capacitor microsensors and microsensor arrays	11/725,609	3/20/2007	7,393,740	7/1/2008	Issued	3 <sup>rd</sup> Maintenance fee due 1/1/2020
120571-KTT09	United States	Dense thin film-based chemical sensors and methods for making and using same	10/677,908	10/1/2003	7,340,941	3/11/2008	Issued	3 <sup>rd</sup> Maintenance Fee Due 9/11/2019

**CHARLESTON MARINE CONTAINERS, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119693-CMC006	United States	METHOD AND DEVICE FOR ADAPTING A CARGO CONTAINER TO DIRECTLY INTERFACE WITH AN AIRCRAFT CARGO BAY	10/427,994	5/2/2003	7,125,212	10/24/2006	Issued	3 <sup>rd</sup> Maintenance Fee Due 4/24/2018
119693-CMC6DV	United States	METHOD AND DEVICE FOR ADAPTING A CARGO CONTAINER TO DIRECTLY INTERFACE WITH AN AIRCRAFT CARGO BAY	11/396,600	4/4/2006	7,252,468	8/7/2007	Issued	3 <sup>rd</sup> Maintenance Fee Due 2/7/2019
119693-CMC001	United States	CONTAINER	29/215,585	10/22/2004	D536,154	1/30/2007	Issued	Expires 1/30/2021
119693-CMC002	United States	CONTAINER (QUADCON II)	29/222,225	1/28/2005	D534,330	12/26/2006	Issued	Expires 12/26/2020
119693-CMC003	United States	SHIPPING CONTAINER	29/195,318	12/10/2003	D502,547	3/1/2005	Issued	Expires 3/1/2019
119693-CMC004	United States	CONTAINER (TRICON III)	29/222,224	1/28/2005	D533,979	12/19/2006	Issued	Expires 12/19/2020
119693-CMC005	United States	CONTAINER	29/227,909	4/18/2005	D546,023	7/3/2007	Issued	Expires 7/3/2021
119693-CM6DES3	United States	CONTAINER (TRICON IV)	29/222,223	1/28/2005	D533,978	12/19/2006	Issued	Expires 12/19/2020

**HENRY BROS. ELECTRONICS, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119086-001CON	United States	METHOD AND APPARATUS FOR OPTIMIZING SIGNAL PROCESSING	12/621,788	11/19/2009	8,068,803	11/29/2011	Issued	2 <sup>nd</sup> Maintenance Fee Due 5/29/2019
119086-002DES	United States	EMERGENCY COMMUNICATION CONTROLLER AND CONSOLE	29/283,457	8/15/2007	D610,124	2/16/2010	Issued	Expires 2/16/2024
119086-003UTL	United States	EMERGENCY COMMUNICATIONS CONTROLLER AND CONSOLE	12/337,864	12/18/2008	8,145,125	3/27/2012	Issued	2nd Maintenance Fee Due 9/27/2019
119086-003CON	United States	EMERGENCY COMMUNICATIONS CONTROLLER AND CONSOLE	13/409,535	3/1/2012	9,264,100	2/16/2016	Granted	Reissue Deadline 2/16/2018 1 <sup>st</sup> Maintenance Fee Due 8/16/2019



**DIGITAL FUSION, INC.**

<b>Our Reference</b>	<b>Country</b>	<b>Title</b>	<b>Serial No.</b>	<b>Filing Date</b>	<b>Patent No.</b>	<b>Issued Date</b>	<b>Status</b>	<b>Pending Action</b>
120570-001UT1	United States	SYSTEM AND METHOD FOR OPTICALLY CO-REGISTERING PIXELS	12/190,447	8/12/2008	8,242,427	8/14/2012	Issued	2 <sup>nd</sup> maintenance fee due 2/14/2020

**Kratos Unmanned Aerial Systems, Inc. (f/k/a Composite Engineering, Inc.)**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
120158-001UTL	United States	SYSTEM AND METHOD FOR FABRICATING COMPOSITE LAMINATE STRUCTURES WITH CO-LAMINATED RADAR ABSORBING MATERIAL	12/154,601	5/23/2008	7,834,799	11/16/2010	Issued	1 <sup>st</sup> maintenance fee due 5/16/2018

**GICHNER SYSTEMS GROUP, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119706-003UT1	United States	SMART SHELTER: H-NETWORK	15/074,891	3/18/2016			Pending	Awaiting first action.

**MICRO SYSTEMS, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
122882-001UT1	United States	AUTONOMOUS VEHICLE APPLIQUE	15/066,943	3/10/2016			Pending	Office Action Response due 12/27/2017
122882-002UT1	United States	SYSTEM AND METHOD FOR OPERATING UNMANNED VEHICLE SWARMS	15/482,349	4/7/2017			Pending	Awaiting first action; Response to Missing Parts due, 3rd Extension, Filing Fees due 11/20/2017

**SECUREINFO CORPORATION**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
120571-SIC001	United States	METHODS AND APPARATUS FOR DATA PRESERVATION AND SOFTWARE DISTRIBUTION WITHIN AN ENTERPRISE SYSTEM	10/831,322	4/26/2004	7,340,491	3/4/2008	Issued	3rd Maintenance Fee Due 9/4/2019

**AIRORLITE COMMUNICATIONS, INC.**

Our Reference	Country	Title	Serial No.	Filing Date	Patent No.	Issued Date	Status	Pending Action
119086-001UTL	United States	METHOD AND APPARATUS FOR OPTIMIZING SIGNAL PROCESSING	11/652,805	1/12/2007	7,643,791	1/5/2010	Issued	Final Deadline for the 2nd Mfee is January 5, 2018
119086-001CON	United States	METHOD AND APPARATUS FOR OPTIMIZING SIGNAL PROCESSING	12/621,788	11/19/2009	8,068,803	11/29/2011	Issued	2nd Maintenance Fee Due 5/29/2019
119086-002DES	United States	EMERGENCY COMMUNICATION CONTROLLER AND CONSOLE	D/238,457	8/15/2007	D610,124	2/16/2010	Issued	DESIGN PAT EXPIRES 2/16/2024

EXHIBIT A  
FORM OF ASSIGNMENT

THIS DOCUMENT SHALL BE HELD BY AGENT, FOR THE BENEFIT OF THE LENDERS, IN ESCROW PURSUANT TO AND IN ACCORDANCE WITH THE PROVISIONS OF THE AMENDED AND RESTATED INTELLECTUAL PROPERTY SECURITY AGREEMENT (THE "AGREEMENT"), DATED AS OF NOVEMBER 20, 2017, EXECUTED BY KRATOS DEFENSE & SECURITY SOLUTIONS, INC., A DELAWARE CORPORATION [DESCRIBE OTHER CREDIT PARTIES] (collectively, the "GRANTORS"), IN FAVOR OF SUNTRUST BANK, AS AGENT FOR THE LENDERS, AS DEFINED IN THE AGREEMENT (TOGETHER WITH ITS SUCCESSORS AND ASSIGNS, "AGENT"). BY SIGNING IN THE SPACE PROVIDED BELOW, THE UNDERSIGNED OFFICER OF AGENT CERTIFIES THAT AN EVENT OF DEFAULT, AS DEFINED IN THE AGREEMENT, HAS OCCURRED, THAT AGENT IS ENTITLED TO TAKE POSSESSION OF THE COLLATERAL UNDER THE INTERCREDITOR AGREEMENT, AND THAT AGENT HAS ELECTED TO TAKE POSSESSION OF THE COLLATERAL, AS DEFINED BELOW, AND TO RECORD THIS DOCUMENT WITH THE UNITED STATES PATENT AND TRADEMARK OFFICE OR THE UNITED STATES COPYRIGHT OFFICE, AS APPLICABLE, OR IN ANY APPROPRIATE OFFICE IN ANY FOREIGN JURISDICTION IN WHICH SUCH PATENT, TRADEMARK, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY INTEREST IS REGISTERED, OR UNDER WHOSE LAWS SUCH PROPERTY INTEREST HAS BEEN GRANTED. UPON RECORDING OF THIS DOCUMENT WITH THE UNITED STATES PATENT AND TRADEMARK OFFICE OR THE UNITED STATES COPYRIGHT OFFICE, AS APPLICABLE, OR IN ANY APPROPRIATE OFFICE IN ANY FOREIGN JURISDICTION IN WHICH SUCH PATENT, TRADEMARK, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY INTEREST IS REGISTERED, OR UNDER WHOSE LAWS SUCH PROPERTY INTEREST HAS BEEN GRANTED, THIS LEGEND SHALL CEASE TO HAVE ANY FORCE OR EFFECT.

SUNTRUST BANK,  
as Agent

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

## ASSIGNMENT

WHEREAS, each of the undersigned (collectively, the “Grantors”), are the owners of the Collateral, as hereinafter defined;

WHEREAS, the Grantors have executed an Amended and Restated Intellectual Property Security Agreement, dated as of November 20, 2017 (as the same may from time to time be amended, restated or otherwise modified, the “Agreement”), in favor of SUNTRUST BANK as Agent for the Lenders, as defined in the Agreement (together with its successors and assigns, “Agent”), pursuant to which the Grantors have granted to Agent, for the benefit of the Lenders, a security interest in the Collateral as security for the Obligations, as defined in the Agreement;

WHEREAS, the Agreement provides that the security interest in the Collateral is effective as of the date of the Agreement;

WHEREAS, the Agreement provides that this Assignment shall become effective upon the occurrence of an Event of Default, as defined in the Agreement, and Agent’s election to take actual title to the Collateral;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and intending to be legally bound hereby, each Grantor, its successors and assigns, subject to the limitations stated in the paragraph immediately following, does hereby transfer, assign and set over unto Agent, for the benefit of the Lenders, and their respective successors, transferees and assigns, all of such Grantor’s existing and future right, title and interest in, to and under (a) patents, patent registrations, patent applications, trademarks, trademark registrations, trademark applications, service marks, trade names, and copyright registrations, whether federal, state or foreign; (b) common law trademark rights, copyrights, improvements and inventions; (c) renewals, continuations, extensions, reissues and divisions of any of the foregoing; (d) rights to sue for past, present and future infringements or any other commercial tort claims relating to any of the foregoing; (e) all licenses and all income, revenue and royalties with respect to any licenses, whether registered or unregistered, and all other payments earned under contract rights, relating to any of the foregoing; (f) all general intangibles and all intangible intellectual or similar property of such Grantor connected with and symbolized by any of the foregoing; (g) goodwill associated with any of the foregoing; (h) all payments under insurance, including the returned premium upon any cancellation of insurance, (whether or not Agent or any Lender is the loss payee thereof) or any indemnity, warranty or guaranty payable by reason of loss or damage to or otherwise with respect to any of the foregoing; and (i) Proceeds of any of the foregoing (collectively, the “Collateral”), including, but not limited to, the Collateral listed on Schedule 1 hereto that is (i) registered in the United States Copyright Office in Washington, D.C., (ii) registered in the United States Patent and Trademark Office in Alexandria, Virginia or that is the subject of pending applications in the United States Patent and Trademark Office, or (iii) registered or pending registration in any foreign jurisdiction.

This Assignment shall be effective only upon certification of an authorized officer of Agent, as provided above, that (a) an Event of Default, as defined in the Agreement, has occurred, and (b) Agent, on behalf of the Lenders, has elected to take actual title to the Collateral.



IN WITNESS WHEREOF, the undersigned has caused this Agreement to be executed by its duly Authorized Officer as of the date set forth above.

AI METRIX, INC.  
AIRORLITE COMMUNICATIONS, INC.  
AVTEC SYSTEMS, INC.  
BSC PARTNERS, LLC  
CARLSBAD ISI, INC.  
CHARLESTON MARINE CONTAINERS  
INC.  
DALLASTOWN REALTY I, LLC  
DALLASTOWN REALTY II, LLC  
DEFENSE SYSTEMS, INCORPORATED  
DEI SERVICES CORPORATION  
DFI REALTY, LLC  
DIGITAL FUSION SOLUTIONS, INC.  
DIGITAL FUSION, INC.  
DIVERSIFIED SECURITY SOLUTIONS,  
INC.  
DTI ASSOCIATES, INC.  
GENERAL MICROWAVE CORPORATION  
GENERAL MICROWAVE ISRAEL  
CORPORATION  
GICHNER SYSTEMS GROUP, INC.  
GICHNER SYSTEMS INTERNATIONAL,  
INC.  
HAVERSTICK CONSULTING, INC.  
HAVERSTICK GOVERNMENT  
SOLUTIONS, INC.  
HENRY BROS. ELECTRONICS, INC., a  
Delaware corporation  
HENRY BROS. ELECTRONICS, INC., a  
New Jersey corporation  
HENRY BROS. ELECTRONICS, L.L.C.  
HGS HOLDINGS, INC.  
JMA ASSOCIATES, INC.  
KPSS GOVERNMENT SOLUTIONS, INC.  
KRATOS COMMUNICATIONS, INC.  
KRATOS DEFENSE & SECURITY  
SOLUTIONS, INC.  
KRATOS DEFENSE & ROCKET SUPPORT  
SERVICES, INC.  
KRATOS INTEGRAL HOLDINGS, LLC  
KRATOS INTEGRAL SYSTEMS  
INTERNATIONAL, INC.  
KRATOS PUBLIC SAFETY & SECURITY  
SOLUTIONS, INC.

KRATOS SOUTHEAST, INC.  
KRATOS SPACE & MISSILE DEFENSE  
SYSTEMS, INC.  
KRATOS SYSTEMS AND SOLUTIONS,  
INC.  
KRATOS TECHNOLOGY & TRAINING  
SOLUTIONS, INC.  
KRATOS TEXAS, INC.  
KRATOS UNMANNED AERIAL SYSTEMS,  
INC.  
KRATOS UNMANNED SYSTEMS  
SOLUTIONS, INC.  
LVDM, INC.  
MADISON RESEARCH CORPORATION  
MICRO SYSTEMS, INC.  
MSI ACQUISITION CORP.  
POLEXIS, INC.  
REAL TIME LOGIC, INC.  
REALITY BASED IT SERVICES LTD.  
ROCKET SUPPORT SERVICES, LLC  
SAT CORPORATION  
SCT ACQUISITION, LLC  
SCT REAL ESTATE, LLC  
SECUREINFO CORPORATION  
SHADOW I, INC.  
SHADOW II, INC.  
SUMMIT RESEARCH CORPORATION  
WFI NMC CORP.

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

KRATOS SOUTHWEST L.P.,

By: Kratos Texas, Inc., its General Partner

By: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

