

PATENT ASSIGNMENT

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CONVEYING PARTY DATA	
Name	Execution Date
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.	08/26/2008
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	09570050
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ATTORNEY DOCKET NUMBER:	088245-6041
NAME OF SUBMITTER:	Paul S. Hunter
Total Attachments: 5 source=BAE Systems Assgt to Frantorf Investments GmbH LLC (Exh B)#page1.tif source=BAE Systems Assgt to Frantorf Investments GmbH LLC (Exh B)#page2.tif source=BAE Systems Assgt to Frantorf Investments GmbH LLC (Exh B)#page3.tif	

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REEL: 021627 FRAME: 0226



## ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, BAE Systems Information and Electronic Systems Integration, Inc., a Delaware corporation, with an office at 65 Spit Brook Road, P.O. Box 868, Nashua, NH 03061-0868 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Frantorf Investments GmbH, LLC, a Delaware limited liability company, with an address at 160 Greentree Drive, Suite 101, Dover, DE 19904 ("**Assignee**"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "**Patent Rights**"):

- (a) patent applications and patents listed in the table below (the "**Patents**");
- (b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, (ii) for which any of the Patents directly or indirectly forms a basis for priority, and/or (iii) that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Patents;
- (c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);
- (d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;
- (e) all items in any of the foregoing in categories (b) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;
- (f) inventions, invention disclosures, and discoveries described in any of the Patents and/or any item in the foregoing categories (b) through (e) that (i) are included in any claim in the Patents and/or any item in the foregoing categories (b) through (e), (ii) are subject matter capable of being reduced to a patent claim in a reissue or reexamination proceedings brought on any of the Patents and/or any item in the foregoing categories (b) through (e), and/or (iii) could have been included as a claim in any of the Patents and/or any item in the foregoing categories (b) through (e);
- (g) all rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;
- (h) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (g), including, without limitation, all causes of action and other enforcement rights for
  - (1) damages,
  - (2) injunctive relief, and
  - (3) any other remedies of any kind

for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (h).

<u>Patent or Application</u> <u>No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First</u> <u>Named Inventor</u>
5,901,148	US	3/6/97	Ring Domains for bandwidth Sharing Bowen, Ronald A
6,292,751	US	2/8/00	Positioning Refinement Algorithm Frank, Mark
6,302,355	US	11/2/99	Multi Spectral Imaging Ladar Sallee, Bradley
6,371,405	US	11/3/99	Optical System For Ladar Guidance Application Sallee, Bradley
6,859,729	US	10/21/02	Navigation Of Remote Controlled Vehicles Breakfield, David K.
6,539,533	US	6/20/00	Tool Suite For The Rapid Development Of Advanced Standard Cell Libraries Brown III, Amett J.
6,609,235	US	6/22/01	Method For Providing A Fill Pattern For An Integrated Circuit Design Ramaswamy, S. Ram
6456138 (09/559,659)	US	9/24/2002 (4/28/2000)	Method and apparatus for a single upset (SEU) tolerant clock splitter Yoder, Joseph W
6,629,276	US	4/28/00	Method And Apparatus For A Scannable Hybrid Flip Flop Hoffman, Joseph A
6,883,113	US	4/18/02	System And Method For Temporally Isolating Environmentally Sensitive Integrated Circuit Faults McWilliam, Bruce
6,885,637	US	5/12/00	Distributed Determination Of Explicit Rate In An ATM Communication System Shyodian, William M.
6,473,054 (09/928,135)	US	(8/10/2001)	Array Antenna with Notched Radiation Patterns Lopez, Alfred R
6,948,145	US	2/14/03	Tool Suite For The Rapid Development Of Advanced Standard Cell Libraries Brown, III, Arnett J.

<u>Patent or Application</u> <u>No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First</u> <u>Named Inventor</u>
5,029,235	US	10/6/86	Compressor Receiver Apostolos, John T.
5,000,566	US	1/5/90	Optical Velocimeter Kuppenheimer, Jr., John D.
4808950 (06/916,072)	US	2/28/1989 (10/6/1986)	Electromagnetic dispersive delay line Apostolos, John T
6,377,872	US	7/2/99	Apparatus And Method For Microwave Imaging And Excavation Of Objects Struckman, Keith A.
6,690,321	US	7/22/02	Multi-Sensor Target Counting And Localization System Blatt, Stephen Robert
6,700,833	US	8/14/02	Acoustical Imaging Interferometer For Detection Of Buried Underwater Objects Erikson, Kenneth R.
6,707,761	US	9/17/02	Co-Registered Acoustical And Optical Cameras For Underwater Imaging Kenneth Erikson
EP02761691.1	EP	9/17/2002	Co-Registered Acoustical And Optical Cameras For Underwater Imaging Kenneth Erikson
6,829,197	US	7/30/03	Acoustical Imaging Interferometer For Detection Of Buried Underwater Objects Kenneth Erikson
6,963,835	US	3/31/03	Cascaded Hidden Markov Model For Meta- State Estimation Kimball, Steven F.
7,034,716	US	9/25/03	Passive Real Time Vehicle Classification System Utilizing Unattended Ground Sensors Succi, George P.
EP04821511.5	EP	9/14/04	Passive Real Time Vehicle Classification System Utilizing Unattended Succi, George P.
7,088,740	US	12/21/01	Digital Fm Radio System Schmidt, Michael
7,113,654	US	12/31/02	Computationally Efficient Modeling Of Imagery Using Scaled, Extracted Principal Components Leonard E Russo

<u>Patent or Application No.</u>	<u>Country</u>	<u>Filing Date</u>	<u>Title of Patent and First Named Inventor</u>
7,119,739	US	9/17/03	Near Field To Far Field DF Antenna Array Calibration Technique  Struckman, Keith A.
6,763,136	US	9/19/00	Method And Apparatus For Determining Spectral Similarity  Sweet, James Norman
6,778,702	US	10/23/00	Method and Apparatus for Assessing the Quality of Spectral Images  Sweet, James Norman
11/222,425	US	9/8/2005	Ultra Low Power RF Link  Edward A. Page
6831601 (10/358,625)	US	12/14/2004 (2/5/2003)	Circular array scanning with sum and difference excitation  Lopez, Alfred R.; Kumpfbeck, Richard J.
7030813 (11/013,717)	US	4/18/2006 (12/16/2004)	Array antennas with independent sum and difference excitations levels  Lopez, Alfred R.
11/046,377	US	1/28/2005	Scalable 2X2 rotation processor for singular value decomposition  John M. Smith; Michael J. Kotrlík; Wojciech J. Krawiec
11/973,693	US	10/10/2007	Parameterization of Non-Linear/Non-Gaussian Data Distribution for Efficient Information Sharing in Distributed Sensor Networks  Inventorship not available
6362676 (09/559,661)	US	4/28/2000	Method and apparatus for a single even upset (SEU) tolerant clock splitter  Joseph A. Hoffman

Assignor represents, warrants and covenants that:

(1) Assignor has the full power and authority, and has obtained all third party consents, approvals and/or other authorizations required to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; and

(2) Assignor owns, and by this document assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights. Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction. The Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending or in progress relating in any way to the Patent Rights. There are no

existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and without demanding any further consideration therefore, do all things necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at NASHUA, NH on August 26, 2008.

**ASSIGNOR:**

**BAE Systems Information and Electronic Systems Integration, Inc.**

By: [Signature]  
Name: Mark L. Haley  
Title: Vice President  
(Signature MUST be notarized)

STATE OF NEW HAMPSHIRE )  
 ) ss.  
COUNTY OF Hillsborough )

On August 26, 2008, before me, GLORIA ABBASCIANO, Notary Public in and for said State, personally appeared MARK L. HALEY, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Gloria Abbasciano (Seal)

GLORIA ABBASCIANO  
Commissioner of Deeds - New Hampshire  
My Commission Expires January 24, 2012