## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

**SUBMISSION TYPE: NEW ASSIGNMENT** 

NATURE OF CONVEYANCE: **ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
BAE Systems Information and Electronic Systems Inc.	07/23/2009

#### **RECEIVING PARTY DATA**

Name:	Wisterium Development LLC	
Street Address:	2711 Centerville Rd.	
Internal Address:	Suite 400	
City:	Wilmington	
State/Country:	DELAWARE	
Postal Code:	19808	

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	10529983	

#### **CORRESPONDENCE DATA**

Fax Number: (312)277-2397

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

Phone: 3125777000

Email: gwhitemon@fitcheven.com

Correspondent Name: Nicholas T. Peters Address Line 1: 120 S. LaSalle Street

**Suite 1600** Address Line 2:

Address Line 4: Chicago, ILLINOIS 60603

ATTORNEY DOCKET NUMBER: 96765/GW

NAME OF SUBMITTER: Nicholas T. Peters

**Total Attachments: 7** 

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**PATENT** 

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### 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 Rd., P.O. Box 868, Nashua, NH 03061-0868 ("Assignor"), does hereby sell, assign, transfer, and convey unto Wisterium Development LLC, a Delaware limited liability company, having an address at 2711 Centerville Rd., Suite 400, Wilmington, DE 19808 ("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) the provisional patent applications, patent applications and patents listed in the table below (the "*Patents*");

Patent or Application No.	Country	Filing Date	Title of Patent and First Inventor(s)
6,792,057 (10/303,498)	US	9/14/2004 (11/25/2002)	Partial band reconstruction of frequency channelized filters  Kabel, Allan M.; Vaccaro, Thomas R.
EP03794434.5	ЕР	7/8/2003	Partial band reconstruction of frequency channelized filters  Kabel, Allan M.; Vaccaro, Thomas R.
6,993,769 (10/230,777)	US	1/31/2006 (8/29/2002)	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time  Simonson, Peter; Costantino, Robert W.; VanBellinghen, Paul S.
EP03791936.2	EP	8/28/2003	System and method for replacing underlying connection-based communication mechanisms in real time systems at run-time  Simonson, Peter; Costantino, Robert W.; VanBellinghen, Paul S.
7,017,140 (10/303,441)	US	3/21/2006 (11/25/2002)	Common components in interface framework for developing field programmable based applications independent of target circuit board  Haji-Aghajani, Kazem; Hayes, Christopher L.; Simonson, Peter; Stroili, Frank; Thiele, Matthew; Boland, Robert P.
EP03791944.6	EP	8/28/2003	Common interface framework for developing field programmable device based applications independent of a target circuit board

PATENT REEL: 023191 FRAME: 0916

Haji-Aghajani, Kazem; Hayes, Christopher L.;

Patent or

Application No.	Country	Filing Date	Title of Patent and First Inventor(s)
			Simonson, Peter; Stroili, Frank D.; Thiele,
			Matthew J.; Boland, Robert P.
			Object-oriented component and framework
			architecture for signal processing
EP03749337.6	EP	9/2/2003	Boland, Robert P.; Simonson, Peter; Bryant,
			Jeffrey F.; Dalrymple, Douglas K.; Wardwell,
			David R.
			Object-oriented component and framework
			architecture for signal processing
11/063,951	US	2/23/2005	
11/005,951	US	2/23/2003	Boland, Robert P.; Simonson, Peter; Bryant,
			Jeffrey F.; Dalrymple, Douglas K.; Wardwell,
			David R.
			Common interface framework for developing field
7,464,360	US	12/9/2008	programmable device based applications independent of a target circuit board
(11/385,192)	US	(3/21/2006)	independent of a target circuit board
			Haji-Aghajani, Kazem; Hayes, Christopher L.
			Detection and identification of stable PRI patterns
# 133 00#		11/7/2006	using multiple parallel hypothesis correlation
7,133,887 (10/637,386)	US	11/7/2006 (8/8/2003)	algorithms
(10/03/,380)		(8/8/2003)	
			Sirois, Joseph A.
		0/5/0004	Detection and identification of stable PRI patterns
EP04809548.3	EP		using multiple parallel hypothesis correlation
EP04809348.3	EP	8/5/2004	algorithms
			Sirois, Joseph A.
			Detection and identification of stable PRI patterns
			using multiple parallel hypothesis correlation
11/458,963	US	7/20/2006	algorithms
<del></del>			Sirois, Joseph A.
6 405 916		12/17/2002	Method and apparatus for converting the output of
6,495,816 (09/302,745)	US	12/17/2002 (4/30/1999)	a photodetector to a log voltage
(09/302,743)		(4/30/1999)	Brodeur, Lester R.
			Method and apparatus for converting the output of
6,765,188	TIC	7/20/2004	a photodetector to log voltage
(10/038,064)	US	(1/4/2002)	
			Brodeur, Lester R.
			Method and apparatus for reducing the amount of
6,720,911	US	4/13/2004	shipboard-collected calibration data
(10/218,945)		(8/14/2002)	
			Saucier, Norman E.

Patent or

Patent or Application No.	<b>Country</b>	Filing Date	Title of Patent and First Inventor(s)
EP03788594.4	EP	8/14/2003	Method and apparatus for reducing the amount of shipboard-collected calibration data
			Saucier, Norman E.
6,806,837 (10/215,596)	US	10/19/2004 (8/9/2002)	Deep depression angle calibration of airborne direction finding arrays
			Saucier, Norman E.; Paul, Norman D.
10/225,707	US	8/22/2002	Method for realtime digital processing of communications signals
			Boland, Robert P.; Simonson, Peter; Luthi, Peter O.; Thiele, Matthew J.
10/225,701 US	TIC	US 8/22/2002	Method for real time control of transmit chain for software radios
	US		Boland, Robert P.; Simonson, Peter; Luthi, Peter O.; Thiele, Matthew J.
10/334,318	US	12/31/2002	Method and apparatus for multi-level security implementation
			Luthi, Peter O.
EP03791993.3	EP	8/29/2003	Method and apparatus for multi-level security implementation
			Luthi, Peter O.
10/303,268	US	11/25/2002	Configuration engine
	<u> </u>		Bryant, Jeffrey F.
EP03770250.3	EP	8/22/2003	Configuration engine
			Bryant, Jeffrey F.
11/063,693	US	2/23/2005	Observation tool for signal processing components
			Bryant, Jeffrey F.  Reconfigurable compute engine interconnect fabric
EP03742296.1	EP	6/26/2003	Thiele, Matthew J.; Boland, Robert P.; Luthi, Peter O.
			Reconfigurable compute engine interconnect fabric
10/530,160	US	9/22/2005	Thiele, Matthew J.; Boland, Robert P.; Luthi, Peter O.
EP03791605.3	EP	7/23/2003	Method for separating interferering signals and computing arrival angles

Patent or

Application No.	Country	Filing Date	Title of Patent and First Inventor(s)
			Struckman, Keith A.
10/529,829	US	3/30/2005	Method for separating interferering signals and computing arrival angles  Struckman, Keith A.
EP03793344.7	EP	8/22/2003	Method and system for collating data in a distributed computer network  Wardwell, David R.
10/529,701	US	3/29/2005	Method and system for collating data in a distributed computer network  Wardwell, David R.
EP03791893.5	EP	8/28/2003	Data processing network having an optical network interface  Thiele, Matthew J.
10/529,983	US	3/31/2005	Data processing network having an optical network interface  Thiele, Matthew J.
11/579,282	US	9/21/2005	Method and apparatus for locating the source of radio frequency emissions  Kimball, Steven F.
6,765,532 (10/320,965)	US	7/20/2004 (12/17/2002)	Wideband signal detection and tracking system  Vaccaro, Thomas R.; Paul, Norman D.
EP03813758.4	ЕР	12/17/2003	Wideband signal detection and tracking system  Vaccaro, Thomas R.; Paul, Norman D.

- (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

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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).

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

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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 <u>ASHUA</u> on <u>July 33, 2009</u>.

**ASSIGNOR:** 

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

KEVIN M. PERKINS

(Signature MUST be notarized)

STATE OF <u>New Hampshire</u>) ss. COUNTY OF <u>Hillsboroug</u> L)

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On July 33 3009, before me, Cloud Abbascano, Notary Public in and for said State, personally appeared Kevin M. Pentins, 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 albascians

(Seal)

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