PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

Stylesheet Version v1.2

EPAS ID: PAT3569232

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	2

CONVEYING PARTY DATA

Name	Execution Date
HEXAGON SOLUTIONS, INC.	06/05/2015

RECEIVING PARTY DATA

Name:	HEXAGON TECHNOLOGY CENTER GMBH
Street Address:	HEINRICH-WILD-STRASSE
City:	HEERBRUGG
State/Country:	SWITZERLAND
Postal Code:	9435

PROPERTY NUMBERS Total: 24

Property Type	Number
Patent Number:	5745099
Patent Number:	6014127
Patent Number:	6016392
Patent Number:	6237044
Patent Number:	6392651
Patent Number:	6633869
Patent Number:	7188072
Patent Number:	7200564
Patent Number:	7769614
Patent Number:	6411970
Patent Number:	8793218
Patent Number:	9158441
Patent Number:	9035944
Patent Number:	9158431
Application Number:	14155457
Application Number:	14724146
Application Number:	14725436
Application Number:	14728272
Application Number:	14823401

Property Type	Number
Application Number:	14823493
Application Number:	29467051
Application Number:	62004427
Application Number:	62005255
Application Number:	62006495

CORRESPONDENCE DATA

Fax Number: (256)730-2247

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: 256-730-2521

Email: carlton.barnes@intergraph.com

Correspondent Name: C. CARLTON BARNES

Address Line 1: 305 INTERGRAPH WAY

Address Line 4: MADISON, ALABAMA 35758

NAME OF SUBMITTER:	C. CARLTON BARNES
SIGNATURE:	/C. Carlton Barnes/
DATE SIGNED:	10/14/2015

Total Attachments: 7

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IP ASSIGNMENT AGREEMENT

This IP Assignment Agreement (this "**Agreement**") is effective as of June 5, 2015 and made between:

(1)   **HEXAGON SOLUTIONS, INC.**, a corporation incorporated under the laws of the State of Delaware (the "**Transferor**"); and

(2)   **HEXAGON TECHNOLOGY CENTER GMBH**, a company formed under the laws of Switzerland (the "**Transferee**") (the Transferor and the Transferee are jointly referred to as the "**Parties**").

WHEREAS, pursuant to the terms of that certain Contribution in Kind Agreement dated as of the date hereof, by and between Transferor and Transferee ("**Contribution Agreement**"), Transferor does hereby sell, convey, transfer, assign, set over and deliver exclusively to Transferee all of its rights to the intellectual property, trademarks, service marks, logos, including registrations and applications for registration thereof, patents, reissues, reexaminations, extensions, continuations in part, continuing prosecution applications provisional and divisions of such patents and any related know-how and intangibles (collectively, "**Intellectual Property Rights**") related to the matters described on Appendix 1 (collectively, the "**Assigned Rights**"); and

WHEREAS, the Transferor wishes to transfer and assign all its right to such Assigned Rights and the Transferee desires to accept such transfer of such Assigned Rights.

NOW THEREFORE, the Parties agree as follows:

1.   **ASSIGNMENT.** Upon execution of this Agreement:

a)   the Transferor transfers, assigns, conveys and delivers to the Transferee, and Transferee accepts from Transferor, all of its entire right, title and interest under the Assigned Rights and any claims of infringement thereof; and

b)   Transferor does hereby constitute and appoint Transferee, its successors and assigns, as the Transferor's true and lawful attorney, with full power of substitution, for it and in its name, place and stead or otherwise, by and on behalf of and for the benefit of Transferee, its successors and assigns, to demand and receive from time to time any and all Assigned Rights, Transferor hereby declaring that the appointment hereby made and the powers hereby granted are coupled with an interest and are and shall be irrevocable by Transferor in any manner or for any reason.

2.   **MISCELLANEOUS**

2.1   Amendment. No amendment, modification or waiver in respect of this Agreement will be effected unless in writing and executed by each of the Parties.

2.3   Further Assurances. If at any time any party hereto shall reasonably request any further action by any other party to carry out the purposes of this Agreement or to further effectuate the transactions contemplated hereby, such other party, without expense to the requesting party, shall promptly take such action (including the prompt execution and delivery of further instruments and documents).

2.2   Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed to be an original, but all of which, taken together, shall constitute one and the same agreement. Any signature delivered by e-mail delivery of a ".pdf" format data file shall have the same force and effect as if such ".pdf" signature page were an original thereof.

3.   **GOVERNING LAW.** This Agreement shall be governed by and construed in accordance with the laws of Delaware.

IN WITNESS WHEREOF, the Parties have duly executed this Agreement as of the day and year first above written.

HEXAGON SOLUTIONS, INC.

Name: Mark Delaney
Title: President

HEXAGON TECHNOLOGY CENTER GMBH
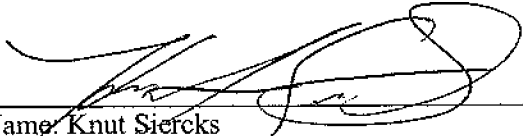
Name: Knut Siercks
Title: Managing Director

IN WITNESS WHEREOF, the Parties have duly executed this Agreement as of the day and year first above written.

HEXAGON SOLUTIONS, INC.

Name: Mark Delaney
Title: President

HEXAGON TECHNOLOGY CENTER GMBH

Name: Knut Siercks
Title: Managing Director

APPENDIX 1

LIST OF ASSIGNED INTELLECTUAL PROPERTY[1]

(Utility) Patents:

Registered:

Patent No.	Docket Reference	Title
US 5,745,099 A	KZP-52082-US	Cursor positioning method
US 6,014,127 A	KZP-52082-US1	Cursor positioning method
EP 0 780 799 B1 (includes FR, GB)	KZP-52082-FR; KZP-52082-GB	Cursor positioning method
DE 69631947.0	KZP-52082-DE	Cursor positioning method
US 6,384,841 B1	KZP-52078-US2	Intelligent selection of graphic objects, keypoints and relationships
DE 69618067.7	KZP-52078-DE	Intelligent selection of graphic objects, keypoints and relationships
EP 0 741 352 B1 (includes FR, GB)	KZP-52078-FR; KZP-52078-GB	Intelligent selection of graphic objects, keypoints and relationships
US 6,392,651 B1	KZP-52077-US	Interactive timeline visualization
EP 0 972 272 B1 (includes FR, GB)	KZP-52077-FR; KZP-52077-GB	Interactive timeline visualization
DE 69817168.3	KZP-52077-DE	Interactive timeline visualization
EP 1 326 210 B1 (includes DE, FR, GB)	KZP-52077-DE1; KZP-52077-FR1; KZP-52077-GB1	Interactive timeline visualization
HK 1 056 639 B	KZP-52077-HK1	Interactive timeline visualization
US 6,633,869 B1	KZP-52058-US4	Managing object relationships using an object repository
AU 774 345 B	KZP-52058-AU	Managing object relationships using an object repository
CA 2,371,050 C	KZP-52058-CA	Managing object relationships using an object repository
IL 146 161 A	KZP-52058-IL	Managing object relationships using an object repository
IN 208 165 A	KZP-52058-IN	Managing object relationships using an object repository
ZA 2001/09305 A	KZP-52058-ZA	Managing object relationships using an object repository
US 8,793,218 B2	KZP-52106-US	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
ZL 200980111665.7 (CN 101981575 B)	KZP-52106-CN	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
EP 2 281 253 B1 (includes FR, GB, SE)	KZP-52106-FR; KZP-52106-GB; KZP-52106-SE	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
DE 602009003771.4	KZP-52106-DE	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
KR 10-1320221 B1	KZP-52106-KR	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique

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[1] Please note this schedule may be amended by the parties to include any items that were inadvertently not listed on this schedule.

Patent No.	Heragon Reference	Title
ZA 2010/06504 A	KZP-52106-ZA	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
TW I451276 B	KZP-52106-TW	Method and apparatus for copying objects in an object-oriented environment using a multiple-transaction technique
US 5,764,936 A	KZP-52079-US	Method and apparatus for dynamically interpreting drawing commands
US 6,297,798 B1	KZP-52079-US1	Method and apparatus for dynamically interpreting drawing commands
EP 0 741 372 B1 (includes FR, GB)	KZP-52079-FR; KZP-52079-GB	Method and apparatus for dynamically interpreting drawing commands
DE 69624617.1	KZP-52079-DE	Method and apparatus for dynamically interpreting drawing commands
US 6,124,861 A	KZP-52078-US1	Method and apparatus for unambiguous selection of graphic objects, keypoints and relationships
US 6,016,392 A	KZP-52068-US	Method for object-oriented programming using dynamic interfaces
US 6,237,044 B1	KZP-52068-US1	Method for object-oriented programming using dynamic interfaces
EP 0 777 177 B1 (includes FR, GB)	KZP-52068-FR; KZP-52068-GB	Method for object-oriented programming using dynamic interfaces
DE 69615637.7	KZP-52068-DE	Method for object-oriented programming using dynamic interfaces
US 6,411,970 B1	KZP-52080-US	Methods and apparatus for an automatic file indexer
US 5,692,184 A	KZP-52057-US	Object relationship management system
US 6,052,691 A	KZP-52057-US1	Object relationship management system
US 6,772,168 B2	KZP-52057-US3	Object relationship management system
AU 2010258656 B2	KZP-52060-AU	Ontological Filtering Using Spatial Boundary of 3D Objects
AU 2013201761 B2	KZP-52060-AU1	Ontological Filtering Using Spatial Boundary of 3D Objects
AU 2013201764 B2	KZP-52060-AU2	Ontological Filtering Using Spatial Boundary of 3D Objects
KR 10-1362605 B1	KZP-52060-KR	Ontological Filtering Using Spatial Boundary of 3D Objects
ZA 2011/08976 A	KZP-52060-ZA	Ontological Filtering Using Spatial Boundary of 3D Objects
US 5,778,227 A	KZP-52088-US	System for adding attributes to an object at run time in an object oriented computer environment
EP 0 757 313 B1 (includes FR, GB)	KZP-52088-FR; KZP-52088-GB	System for adding attributes to an object at run time in an object oriented computer environment
DE 69616449.3	KZP-52088-DE	System for adding attributes to an object at run time in an object oriented computer environment
US 7,188,072 B2	KZP-52055-US	Systems and Method for the Collaborative Design, Construction, and Maintenance of Fluid Processing Plants
US 7,200,564 B2	KZP-52055-US3	Systems and Methods for Dynamic Pricing Events in Collaborative Design, Construction, and Maintenance of Fluid Processing Plants
US 7,769,614 B2	KZP-52055-US1	Systems and Methods for Providing Component Information in Collaborative Design, Construction, and Maintenance of Fluid Processing Plants

Pending:

Application No.	Docket Reference	Title
AU 2011286316	KZP-52061-AU	3-D Model View Manipulation Apparatus
BR 1120130006960	KZP-52061-BR	3-D Model View Manipulation Apparatus
CA 2,807,565	KZP-52061-CA	3-D Model View Manipulation Apparatus
CN 201180034191.8	KZP-52061-CN	3-D Model View Manipulation Apparatus
EP 11735579.2	KIP-52061-EP	3-D Model View Manipulation Apparatus
KR 10-2013-7003009	KZP-52061-KR	3-D Model View Manipulation Apparatus
US 13/904,470	KZP-53116-US	Apparatus and Method for Manipulating the Orientation of an Object on a Display Device
WO PCT/US2014/038102	KZP-53116-WO	Apparatus and Method for Manipulating the Orientation of an Object on a Display Device
US 62/004,427	KZP-53485-USP	Apparatus and Method of Displaying Objects of a Builder Application
US 62/005,255	KZP-53450-USP	Database Interface Method and System
US 62/006,495	KZP-53466-USP	Drag and Drop for Defining Hierarchy
EP 00928483.7	KZP-52058-EP1	Managing Object Relationships Using an Object Repository
AU 2009256381	KZP-52106-AU	Method And Apparatus for Copying Objects in An Object-Oriented Environment Using A Multiple-Transaction Technique
BR PI0910994-3	KZP-52106-BR	Method And Apparatus for Copying Objects in An Object-Oriented Environment Using A Multiple-Transaction Technique
CA 2,717,802	KZP-52106-CA	Method And Apparatus for Copying Objects in An Object-Oriented Environment Using A Multiple-Transaction Technique
BR PI1012583-3	KZP-52060-BR	Ontological Filtering Using Spatial Boundary of 3D Objects
CA 2,763,573	KZP-52060-CA	Ontological Filtering Using Spatial Boundary of 3D Objects
CN 201080023952.5	KZP-52060-CN	Ontological Filtering Using Spatial Boundary of 3D Objects
EP 10786853.1	KIP-52060-EP	Ontological Filtering Using Spatial Boundary of 3D Objects
US 12/813,253	KZP-52060-US	Ontological Filtering Using Spatial Boundary of 3D Objects
KR 10-2013-7021893	KZP-52060-KR2	Ontological Filtering Using Spatial Boundary of 3D Objects
KR 10-2013-7021894	KZP-52060-KR1	Ontological Filtering Using Spatial Boundary of 3D Objects
US 14/155,457	KZP-52980-US	User Interface for Toolbar Navigation
WO PCT/US2014/011805	KZP-52980-WO	User Interface for Toolbar Navigation
US 12/851,860	KZP-52061-US	View Cube

Designs / Design Patents:
Registered:

Registration No.	Design Reference	Title
EM 002422121	KZD-53170-EU	Design of Window for a Graphical User Interface for Display on a Computer Display Screen
NO 084338	KZD-53170-NO	Design of Window for a Graphical User Interface for Display on a Computer Display Screen

Pending:

Application No.	Design Reference	Title
US 29/467,051	KZD-53170-US	Design of Window for a Graphical User Interface for Display on a Computer Display Screen

Redacted