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1. Name of conveying party(ies): Ab Initio Software LLC Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Architecture LLC 201 Spring Street Lexington, MA 02421 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 07/16/2008	Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No						
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): See Attached B. Patent No(s): See Attached Additional numbers attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No							
5. Name/address of party to whom correspondence concerning document should be mailed: Bing Ai Fish & Richardson P.C. 12390 El Camino Real San Diego, California 92130	6. Total number of applications/patents involved: 35 7. Total fee (37 CFR §3.41): \$1,400 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.						
DO NOT USE THIS SPACE							
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; border: none;"> Bing Ai Reg. No. 43,312 </td> <td style="width: 33%; border: none; text-align: center;"> /Bing Ai/ Signature </td> <td style="width: 33%; border: none; text-align: right;"> March 26, 2009 Date </td> </tr> <tr> <td style="border: none;">Name of Person Signing</td> <td style="border: none;"></td> <td style="border: none;"></td> </tr> </table>		Bing Ai Reg. No. 43,312	/Bing Ai/ Signature	March 26, 2009 Date	Name of Person Signing		
Bing Ai Reg. No. 43,312	/Bing Ai/ Signature	March 26, 2009 Date					
Name of Person Signing							
Total number of pages including coversheet, attachments and document: 9							

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

 Date of Transmission **March 26, 2009**

 Signature **/Line Gauthier/**

 Typed or Printed Name of Person Signing Certificate **Line Gauthier**

PATENT

700403720

REEL: 022460 FRAME: 0496

EXHIBIT PATENT

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
ISSUED	7,167,850/10/268,509 (068001)	US	Startup And Control Of Graph-Based Computation
ISSUED	2004-543637 (068001)	EU	Startup And Control Of Graph-Based Computation
ISSUED	3770720.5 (068001)	JP	Startup And Control Of Graph-Based Computation
ISSUED	2507076 (068001)	CA	Startup And Control Of Graph-Based Computation
FILED	(068001)		
FILED	2007202782 (068001)	AU	Startup And Control Of Graph-Based Computation
FILED	0002-070000 (068001)	AU	Startup And Control Of Graph-Based Computation
ISSUED	(068001)		
ISSUED	04971168 (068001)	UK	Startup And Control Of Graph-Based Computation
ISSUED	(068001)		
ISSUED	4701051100005 (068001)	IN	Startup And Control Of Graph-Based Computation
ISSUED	2007071100007 (068001)	IN	Startup And Control Of Graph-Based Computation
ISSUED	(068001)		
ISSUED	6,654,907/09/731,234 (057001 CIP of 47001)	US	Continuous Flow Compute Point Based Data Processing
ISSUED	7,164,422/09/627,252 (05001)	US	Parameterized Graphs With Conditional Components
ISSUED	1056878 (068001)	EU	Parameterized Graphs With Conditional Components
ISSUED	(068001)		
ISSUED	2002-515753 (059001)	JP	Parameterized Graphs With Conditional Components
ISSUED	(059001)		
ISSUED	2008-202308 (068001)	JP	Parameterized Graphs With Conditional Components
ISSUED	(068001)		
FILED	2117401 (058001)	CA	Parameterized Graphs With Conditional Components
FILED	(058001)		
ISSUED	1601111100002 (058001)	IN	Parameterized Graphs With Conditional Components
ISSUED	(058001)		
ISSUED	6,584,581/09/608,995 (047001)	US	Continuous Flow Checkpointing Data Processing
ISSUED	0823913 (047001)	EU	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)		
ISSUED	2004-544148 (047001)	JP	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)		
ISSUED	2302200 (047001)	CA	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)		
ISSUED	21086373 (047001)	UK	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)		
ISSUED	7,047,232/09/229,849 (030001)	US	Parallelizing Applications Of Script-Driven Applications
ISSUED	004353 (030001)	EU	Parallelizing Applications Of Script-Driven Applications
FILED	(030001)		
ISSUED	2000-504025 (030001)	JP	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)		
ISSUED	2006-062972 (030001)	JP	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)		
ISSUED	2360286 (030001)	CA	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)		
ISSUED	6,665,862/09/915,185 (02002 CON OF 02001)	US	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	6,266,804/08/997,142 (020001)	US	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	0806461 (020001)	EU	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	(020001)		
ISSUED	2006-505842 (020001)	JP	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	(020001)		

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	060004		
FILED	200482	IN	Computer Aided Profiling Of Computation Graphs
FILED	060005		
FILED	200483	IN	Computer Aided Profiling Of Computation Graphs
FILED	060006		
FILED	200484	IN	Computer Aided Profiling Of Computation Graphs
FILED	060007		
FILED	10/941,402 (070001)	US	Data Profiling
FILED	060008		
FILED	070001	FR	Data Profiling
FILED	070002	FR	Data Profiling
FILED	070003	FR	Data Profiling
FILED	070004	FR	Data Profiling
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FILED	070099	FR	Data Profiling
FILED	070100	FR	Data Profiling
FILED	10/941,373 (070002)	US	Joint Field Profiling
FILED	11/467,724 (070003)	US	Functional Dependency Data Profiling
FILED	10/795,374 (071001)	US	Dependency Graph Parameter Scoping
FILED	070004		
FILED	070005		
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FILED	070099		
FILED	070100		
FILED	11/169,073 (084001)	US	Aggregating Data With Complex Operations

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	PCT/US2006/024480	PCT	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	06718798.9	EP	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	(084001)	JP	Aggregating Data With Complex Operations
FILED	(084001)	CA	Aggregating Data With Complex Operations
FILED	200020110	US	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	10 2007 7000000	KR	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	9530/DEL NR 12007	IN	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	200800000000.0	CN	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	11/169,074	US	Managing Message Queues
FILED	(085001)		
FILED	PCT/US2006/024233	PCT	Managing Message Queues
FILED	(085001)		
FILED	0672328.7	EP	Managing Message Queues
FILED	(085001)		
FILED	(085001)	JP	Managing Message Queues
FILED	(085001)		
FILED	(085001)	CA	Managing Message Queues
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FILED	2006262163	AU	Managing Message Queues
FILED	(085001)		
FILED	10 2007 7000004	KR	Managing Message Queues
FILED	(085001)		
FILED	9505/DEL NR 0007	IN	Managing Message Queues
FILED	(085001)		
FILED	200800000000.0	CN	Managing Message Queues
FILED	(085001)		
FILED	11/169,246	US	Managing Memory Pages
FILED	(086001)		
FILED	PCT/US2006/024291	PCT	Managing Memory Pages
FILED	(086001)		
FILED	06785341.6	EP	Managing Memory Pages
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FILED	(086001)	JP	Managing Memory Pages
FILED	(086001)		
FILED	0640400	CA	Managing Memory Pages
FILED	(086001)		
FILED	2006262144	AU	Managing Memory Pages
FILED	(086001)		
FILED	10 2007 7007854	KR	Managing Memory Pages
FILED	(086001)		
FILED	49063/DEL NR 0007	IN	Managing Memory Pages
FILED	(086001)		
FILED	200800000000.0	CN	Managing Memory Pages
FILED	(086001)		
FILED	11/169,247	US	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	PCT/US2006/024042	PCT	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	0678526.0	EP	Translating Expressions In A Computing Environment
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FILED	(087001)	CA	Translating Expressions In A Computing Environment
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FILED	(087001)		

STATUS (filing date)	PATENT NO./SERIAL NO (F&R Docket No.)	COUNTRY	TITLE
FILED	10/2007 7000020 (089001)	KR	Translating Expressions In A Computing Environment
FILED	200600023480.0 (089001)	GB	Translating Expressions In A Computing Environment
FILED	10/145 BELNR2007 (087001)	IN	Translating Expressions In A Computing Environment
FILED	11/169,014 (088001)	US	Managing Parameters For Graph-Based Computations
FILED	PCT/US2006/024057 (088001)	PCT	Managing Parameters For Graph-Based Computations
FILED	06734000.0 (088001)	EP	Managing Parameters For Graph-Based Computations
FILED	(088001)	JP	Managing Parameters For Graph-Based Computations
FILED	(088001)	CA	Managing Parameters For Graph-Based Computations
FILED	20060264760 (088001)	AU	Managing Parameters For Graph-Based Computations
FILED	10/2807 7000027 (088001)	KR	Managing Parameters For Graph-Based Computations
FILED	10/100 BELNR0807 (088001)	IN	Managing Parameters For Graph-Based Computations
FILED	200600023478.1 (088001)	CN	Managing Parameters For Graph-Based Computations
FILED	11/167,902 (089001)	US	Managing Metadata For Graph-Based Computations
FILED	PCT/US2006/024033 (089001)	PCT	Managing Metadata For Graph-Based Computations
FILED	06734000.0 (089001)	EP	Managing Metadata For Graph-Based Computations
FILED	(089001)	JP	Managing Metadata For Graph-Based Computations
FILED	2610000 (089001)	CA	Managing Metadata For Graph-Based Computations
FILED	20060264740 (089001)	AU	Managing Metadata For Graph-Based Computations
FILED	200600023478.1 (089001)	CN	Managing Metadata For Graph-Based Computations
FILED	10/117 BELNR2007 (089001)	IN	Managing Metadata For Graph-Based Computations
FILED	10/2007 7000028 (089001)	KR	Managing Metadata For Graph-Based Computations
FILED	10/879,742 (090001)	US	Managing Related Data Objects
FILED	PCT/US2006/024032 (090001)	PCT	Managing Related Data Objects
FILED	200600023480.0 (090001)	EP	Managing Related Data Objects
FILED	(090001)	JP	Managing Related Data Objects
FILED	2504020 (090001)	CA	Managing Related Data Objects
FILED	200600023480.0 (090001)	AU	Managing Related Data Objects
FILED	200600023480.1 (090001)	CN	Managing Related Data Objects
FILED	2006 BELNR2007 (090001)	IN	Managing Related Data Objects
FILED	11/733,434 (091001)	US	Business Rules Editor
FILED	11/434,623 (095001)	US	Managing Computing Resources In Graph-Based Computations
FILED	PCT/US2007/026046 (096001)	PCT	Managing Computing Resources In Graph-Based Computations

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	11/836,349 (117001)	US	Distributing Services In Graph-Based Computations
FILED	(117001)		Distributing Services In Graph-Based Computations
FILED	11/555,458 (119001)	US	Managing Storage Of Individually Accessible Data Units
FILED	(119001)		Managing Storage Of Individually Accessible Data Units
FILED	60/952,075 (128PO1)	US	Transaction Graph-Based Computation With Error Handling
FILED	60/973,979 (131PO1)	US	Managing Data Flows In Graph-Based Computations
FILED	12/015,085 (130001)	US	Managing An Archive For Approximate String Matching

ASSIGNMENT OF TRADE SECRET, INVENTION & PATENT RIGHTS

Assignor: Ab Initio Software LLC, a Delaware limited liability company

Assignee: Architecture LLC, a Delaware limited liability company

1. The subject matter of this Assignment of Trade Secret, Invention & Patent Rights (the "Assignment") is the following Invention & Trade Secret Rights: (1) the patents and patent applications identified in attached Exhibit PATENT, the inventions embodied therein, and any and all domestic or foreign continuation, continuation-in-part, or divisional applications and reissue, correction, reexamination, or other patents, or certificates of invention, utility models, design registrations, and the like, that issue or derive priority therefrom or claim priority thereto, and (2) any and all inventions (whether or not patentable), trade secrets, and confidential information, whether tangible or intangible, developed by or on behalf of Assignor for use or potential use in its business, including (without limitation) all technical information, devices, formulae, methods, processes, techniques, know how, show how, designs, patterns, drawings, compilations, cost data, pricing, customer lists, vendor lists, employee lists, and computer programs (including source code) and related documentation.
2. For good and valuable consideration, the receipt and sufficiency of which is acknowledged by Assignor, Assignor hereby assigns to Assignee all of Assignor's worldwide rights, title, and interest (without reservation of any rights whatsoever) in and to (1) the Invention & Trade Secret Rights, (2) the right to claim priority based on the filing dates of any of the Invention & Trade Secret Rights, and (3) any claims (known or unknown, suspected or unsuspected) of any nature that Assignor has or may have against any entity for infringement or misappropriation of the Invention & Trade Secret Rights.
3. Assignor agrees to sign all lawful papers, make all rightful oaths, communicate to Assignee or its representatives all facts known to Assignor with respect to the Invention & Trade Secret Rights, cooperate with Assignee and its representatives, and generally do everything deemed necessary by Assignee to:
 - a. complete and fulfill the terms of this Assignment;
 - b. enable Assignee, at Assignee's expense, to apply for or prosecute any patent, invention right, or application for Invention & Trade Secret Rights, to maintain any application or issued patent for the Invention & Trade Secret Rights, and to record this Assignment, including executing separate or additional assignments in connection with such recordation or applications, and generally secure and/or perfect legal protection for the Invention & Trade Secret Rights;
 - c. assist Assignee, at Assignee's expense, to apply for, obtain, and enforce legal protection for the Invention & Trade Secret Rights in all countries, including applying for protection of the Invention & Trade Secret Rights under any provisions of the International Convention for Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all similar agreements or treaties, whether in the name of Assignor or of Assignee;
 - d. assist Assignee, at Assignee's expense, with respect to any action, suit, or other legal proceeding relating to enforcement or defense of any of the Invention & Trade Secret Rights, including obtaining evidence and testifying in any such legal proceeding (in any such legal proceeding, Assignor will be represented by the same legal counsel as Assignee).
4. Each examining, registration, or recording office or agency (including, without limitation, the United States Patent and Trademark Office) is hereby authorized by Assignor to deliver to Assignee, its attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Assignment.
5. Assignor grants to Assignee the power to insert on this Assignment any further identification when known which may be necessary or desirable in order to comply with the rules of any examining, registration, or recording office or agency for recordation of this Assignment.

Assignor: Ab Initio Software LLC, a Delaware limited liability company

By: 

Title: CEO

Date: 7/16/08

EXHIBIT PATENT

Assignor: Architecture LLC, a Delaware limited liability company

By: 

Title: CEO

Date: 2/11/08

EXHIBIT PATENT

OFFICIAL COMMUNICATION FACSIMILE**TO THE ATTENTION OF:****MAIL STOP ASSIGNMENT****MAIL STOP ASSIGNMENT FAX NO: 571/273-0140**

Number of pages including this page 10

MAIL STOP ASSIGNMENT RECORDATION SERVICESCommissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment with Exhibit, faxed this 26th day of March, 2009, to Mail Stop Assignment Recordation Services, U.S. Patent and Trademark Office.

Respectfully submitted,

Date: March 26, 2009

/Bing Ai/

Bing Ai

Reg. No. 43,312

PTO Customer No. 26161
San Diego, California 92130
Telephone: (858) 678-5070
Fax: (858) 678-5099

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RECORDED: 03/26/2009**PATENT
REEL: 022460 FRAME: 0506**