

Substitute Form PTO-1595
Attorney Docket No.: 07470-0089002

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).				
1. Name of conveying party(ies): Architecture LLC 201 Spring Street Lexington, MA 02421 Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Ab Initio Technology 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				
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: <table style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No(s): 12/977,545</td> <td style="width: 50%;">B: Patent No(s):</td> </tr> </table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			A. Patent Application No(s): 12/977,545	B: Patent No(s):
A. Patent Application No(s): 12/977,545	B: Patent No(s):			
5. Name/address of party to whom correspondence concerning document should be mailed: <p style="text-align: center;">PTO Customer Number: 26161</p>	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <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>				
Elliott J. Mason, III Name of Person Signing	/Elliott J. Mason, III Reg. No. 56,569/ Elliott J. Mason, III	January 18, 2011 Date		
Total number of pages including coversheet, attachments and document: 9				

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CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify under 37 CFR §1.8(a) that this correspondence is being transmitted by facsimile in accordance with 37 CFR § 1.6(d).

1/18/11
Date of Deposit

Paul J. Micele
Signature

Paul J. Micele
Typed Name and Title
Signing Certificate

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ASSIGNMENT OF TRADE SECRET, INVENTION & PATENT RIGHTS

Assignor: Architecture LLC, a Delaware limited liability company

Assignee: Ab Initio Technology 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: Architecture LLC, a Delaware limited liability company

By:

Title:

Date:

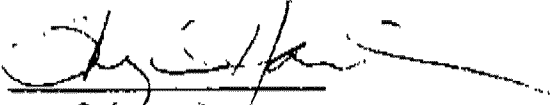



7/16/08

EXHIBIT PATENT

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	EU	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	JP	Startup And Control Of Graph-Based Computation
ISSUED	2770720 E	JP	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	CA	Startup And Control Of Graph-Based Computation
FILED	2501870	CA	Startup And Control Of Graph-Based Computation
FILED	(068001)	AI	Startup And Control Of Graph-Based Computation
FILED	2007202782	AI	Startup And Control Of Graph-Based Computation
FILED	(068001)	AI	Startup And Control Of Graph-Based Computation
ISSUED	2004-550200	AI	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	UK	Startup And Control Of Graph-Based Computation
ISSUED	8181118 E	UK	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	IN	Startup And Control Of Graph-Based Computation
ISSUED	3781051 N0/0002	IN	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	IN	Startup And Control Of Graph-Based Computation
ISSUED	2807/DEL N0/0007	IN	Startup And Control Of Graph-Based Computation
ISSUED	(068001)	IN	Startup And Control Of Graph-Based Computation
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	1056078	EU	Parameterized Graphs With Conditional Components
ISSUED	(068001)	JP	Parameterized Graphs With Conditional Components
ISSUED	2007-515753	JP	Parameterized Graphs With Conditional Components
ISSUED	(068001)	JP	Parameterized Graphs With Conditional Components
ISSUED	2006-302306	JP	Parameterized Graphs With Conditional Components
ISSUED	(068001)	CA	Parameterized Graphs With Conditional Components
FILED	3447401	CA	Parameterized Graphs With Conditional Components
FILED	(068001)	IN	Parameterized Graphs With Conditional Components
ISSUED	3601111 N0/0003	IN	Parameterized Graphs With Conditional Components
ISSUED	(068001)	IN	Parameterized Graphs With Conditional Components
ISSUED	6,584,581/09/608,995 (047001)	US	Continuous Flow Checkpointing Data Processing
ISSUED	0223913	EU	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)	JP	Continuous Flow Checkpointing Data Processing
ISSUED	2004-544443	JP	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)	CA	Continuous Flow Checkpointing Data Processing
ISSUED	2202200	CA	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)	UK	Continuous Flow Checkpointing Data Processing
ISSUED	2408527 E	UK	Continuous Flow Checkpointing Data Processing
ISSUED	(047001)	UK	Continuous Flow Checkpointing Data Processing
ISSUED	7,047,232/09/229,849 (030001)	US	Parallelizing Applications Of Script-Driven Applications
ISSUED	904353	EU	Parallelizing Applications Of Script-Driven Applications
FILED	(030001)	JP	Parallelizing Applications Of Script-Driven Applications
FILED	2000-504035	JP	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)	JP	Parallelizing Applications Of Script-Driven Applications
ISSUED	2006-062273	JP	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)	CA	Parallelizing Applications Of Script-Driven Applications
ISSUED	2360286	CA	Parallelizing Applications Of Script-Driven Applications
ISSUED	(030001)	CA	Parallelizing Applications Of Script-Driven Applications
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	02005461.1	EU	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	(020001)	JP	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	2000-505042	JP	Method For Analyzing Capacity Of Parallel Processing Systems
ISSUED	(020001)	JP	Method For Analyzing Capacity Of Parallel Processing Systems

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	PCT/US2006/024280	PCT	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	06718488.5	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	(084001)		
FILED	2006020110	NO	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	18-2004-7000500	KR	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	0030/DEL N° 2007	IN	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	200600022007	CN	Aggregating Data With Complex Operations
FILED	(084001)		
FILED	11/169,074 (085001)	US	Managing Message Queues
FILED	PCT/US2006/024233	PCT	Managing Message Queues
FILED	(085001)		
FILED	06773729.7	EP	Managing Message Queues
FILED	(085001)		
FILED	(085001)	JP	Managing Message Queues
FILED	(085001)		
FILED	(085001)	CA	Managing Message Queues
FILED	(085001)		
FILED	2006262162	AU	Managing Message Queues
FILED	(085001)		
FILED	18-2004-7000501	KR	Managing Message Queues
FILED	(085001)		
FILED	0605/DEL N° 2007	IN	Managing Message Queues
FILED	(085001)		
FILED	000000000000.4	CN	Managing Message Queues
FILED	(085001)		
FILED	11/169,246 (086001)	US	Managing Memory Pages
FILED	PCT/US2006/024291	PCT	Managing Memory Pages
FILED	(086001)		
FILED	06705241.6	EP	Managing Memory Pages
FILED	(086001)		
FILED	(086001)	JP	Managing Memory Pages
FILED	(086001)		
FILED	0670400	CA	Managing Memory Pages
FILED	(086001)		
FILED	2006020114	AU	Managing Memory Pages
FILED	(086001)		
FILED	10-2003-702705.2	KR	Managing Memory Pages
FILED	(086001)		
FILED	10052/DEL N° 2007	IN	Managing Memory Pages
FILED	(086001)		
FILED	200600010705.2	CN	Managing Memory Pages
FILED	(086001)		
FILED	11/169,247 (087001)	US	Translating Expressions In A Computing Environment
FILED	PCT/US2006/024042	PCT	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	06705236.0	EP	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	(087001)	JP	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	(087001)	CA	Translating Expressions In A Computing Environment
FILED	(087001)		
FILED	2006000175	AU	Translating Expressions In A Computing Environment
FILED	(087001)		

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	10/2007/000020 (087001)	NR	Translating Expressions In A Computing Environment
FILED	200608023420.0 (087001)	CN	Translating Expressions In A Computing Environment
FILED	10/140/DELNP/0007 (087001)	IN	Translating Expressions In A Computing Environment
FILED	11/169,014 (085001)	US	Managing Parameters For Graph-Based Computations
FILED	PCT/US2006/02/057 (080001)	PCT	Managing Parameters For Graph-Based Computations
FILED	2007/0000.0 (080001)	EP	Managing Parameters For Graph-Based Computations
FILED	(080001)	JP	Managing Parameters For Graph-Based Computations
FILED	(080001)	CA	Managing Parameters For Graph-Based Computations
FILED	2006061560 (080001)	AU	Managing Parameters For Graph-Based Computations
FILED	10/2007/000027 (080001)	KR	Managing Parameters For Graph-Based Computations
FILED	10/100/DELNP/0007 (080001)	IN	Managing Parameters For Graph-Based Computations
FILED	200608023470.1 (080001)	CN	Managing Parameters For Graph-Based Computations
FILED	11/167,902 (089001)	US	Managing Metadata For Graph-Based Computations
FILED	PCT/US2006/07/033 (080001)	PCT	Managing Metadata For Graph-Based Computations
FILED	2007/0000.0 (080001)	EP	Managing Metadata For Graph-Based Computations
FILED	(080001)	JP	Managing Metadata For Graph-Based Computations
FILED	2010080 (080001)	CA	Managing Metadata For Graph-Based Computations
FILED	2006061570 (080001)	AU	Managing Metadata For Graph-Based Computations
FILED	200608023470.1 (080001)	CN	Managing Metadata For Graph-Based Computations
FILED	10/117/DELNP/0007 (080001)	IN	Managing Metadata For Graph-Based Computations
FILED	10/2007/000050 (080001)	KR	Managing Metadata For Graph-Based Computations
FILED	10/979,742 (090001)	US	Managing Related Data Objects
FILED	PCT/US2006/06/006 (090001)	PCT	Managing Related Data Objects
FILED	200608023470.1 (090001)	EP	Managing Related Data Objects
FILED	(090001)	JP	Managing Related Data Objects
FILED	200608023470.1 (090001)	CA	Managing Related Data Objects
FILED	200608023470.1 (090001)	AU	Managing Related Data Objects
FILED	200608023470.1 (090001)	CN	Managing Related Data Objects
FILED	200608023470.1 (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/US2007/068016 (095001)	PCT	Managing Computing Resources In Graph-Based Computations

STATUS (filing date)	PATENT NO./SERIAL NO. (F&R Docket No.)	COUNTRY	TITLE
FILED	11/836,348 (117001)	US	Distributing Services In Graph-Based Computations
FILED	11/788,458 (117001)	US	Managing Storage Of Individually Accessible Data Units
FILED	11/555,458 (119001)	US	Managing Storage Of Individually Accessible Data Units
FILED	60/952,075 (128P01)	US	Transaction Graph-Based Computation With Error Handling
FILED	60/973,979 (131P01)	US	Managing Data Flows In Graph-Based Computations
FILED	12/015,085 (130001)	US	Managing An Archive For Approximate String Matching