Substitute Form PTO-1595 Attorney Docket No.: 07470-0221001

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Commissioner for Patents: Please record the attached original documents	nent(s) or conv(ies)
Name of conveying party(ies):	Name and address of receiving party(ies):
Ab Initio Original Works LLC 201 Spring Street Lexington, MA 02421	Ab Initio Technology LLC 201 Spring Street Lexington, MA 02421
Additional name(s) attached? ☐ Yes ☒ No	
3. Nature of conveyance:	
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:	
Execution Date: 10/27/2011	Additional names/addresses attached? ☐ Yes 图 No
Application number(s) or patent number(s):	
If this document is being filed with a new application, the executio	n date of the application is:
A. Patent Application No(s).:	B: Patent No(s).:
13/281,039	
Additional numbers attached? ☐ Yes 図 No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
PTO Customer Number: 26161 Fish & Richardson P.C,	7. Total fee (37 CFR §3.41): \$40 ☐ Enclosed ☐ Authorized to charge Deposit Account.
	8. Deposit Account No.: 06-1050
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Elliott J. Mason, III /Elliott J. Mason, III Name of Person Signing Elliott J. Mason, III	Reg. No. 56,569/ October 31, 2011 Date
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CERTIFICATE OF TRANSMISSION BY FACSMILE

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

REEL: 027159 FRAME: 0258

Attorney Docket No.: 07470-0221001

ASSIGNMENT

Assigned inventions & patent application(s): MANAGING DATA SET OBJECTS [U.S. Serial Number 13/281,039, filed October 25, 2011]; MANAGING DATA SET OBJECTS [PCT Application Number PCT/US2011/057623, filed October 25, 2011]

Assignor: Ab Initio Software LLC, a Delaware limited liability company, having a place of business at 201 Spring Street, Lexington, MA 02421, and its successors and assigns.

Assignee: Ab Initio Original Works LLC, a Delaware limited liability company, having a place of business at 201 Spring Street, Lexington, MA 02421, and its successors and assigns.

For valuable consideration Assignor hereby assigns to Assignee the entire right, title and interest throughout the world in the inventions and improvements which are subject of the above-identified application(s) for United States Patent (the "Patent Rights").

This Assignment includes the Patent Rights, any and all United States and foreign patents, utility models, design registrations, inventors' certificates, and similar rights granted for any inventions or improvements in or derived from the Patent Rights, and the right to claim priority based on the filing date or dates of the Patent Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. Assignor authorizes Assignee to apply in all countries in Assignor's name or in Assignee's own name for patents, utility models, design registrations, inventors' certificates, and similar rights for such inventions and improvements.

If the respective U.S. serial number(s) and filing date(s) are not set forth above, Assignor authorizes and requests the attorneys appointed in the Application to complete this Assignment by inserting above such scrial number(s) and filing date(s) when known.

Assignor agrees, without further compensation, to perform such lawful acts and to sign such further applications, assignments, preliminary statements, and other lawful documents as the Assignce may reasonably request to effectuate fully this Assignment.

State of Massachusetts

County of Middlesex

On 10 27 11, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared Alexandria M.L. Wudyka personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in her authorized capacity and that by her signature on this Assignment, the person or the enti-

ty upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official seal.

MR. GARY KHEBOJAN Notary Public mmonwealth of Massachusens My Commission Expires

June 25, 2015 PATENT

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