Substitute Form PTO-1595 Attorney Docket No.: 07470-0128001

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Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
Name of conveying party(ies):	Name and address of receiving party(ies):
Ab Initio Software LLC 201 Spring Street Lexington, MA 02421	Ab Initio Original Works LLC 201 Spring Street Lexington, MA 02421
Additional name(s) attached? ☐ Yes ▣ No	
3. Nature of conveyance:	
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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).:	B: Patent No(s).:
12/180,141	
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Elliott J. Mason, III /Elliott J. Mason, III Name of Person Signing Elliott J. Mason, III	Reg. No. 56,569/ March 16, 2010 Date
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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).

REEL: 024092 FRAME: 0307

Attorney Docket No.: 07470-0128001

ASSIGNMENT

Assigned inventions & patent application(s): TRANSACTIONAL GRAPH-BASED COMPUTATION WITH ERROR HANDLING [U.S. Serial Number 12/180,141, filed July 25, 2008]

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 Assignce'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 serial 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 Assignee may reasonably request to effectuate fully this Assignment.

Date: / Warch 16 2010

Alexandria M.L. Wudyka, Esq.

State of Massachusetts

)) SS.

County of Middlesex

On March 16 2010 , 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 entity upon behalf of which she acted, executed this Assignment.

WITNESS my hand and official scal.

Notary Public /
My commission
Exercises 6/27/18

Rev C9-351

RECORDED: 03/16/2010

PATENT REEL: 024092 FRAME: 0308