Substitute Form PTO-1595 Attorney Docket No.: 07470-0206001

## PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies):	Name and address of receiving party(ies):
Bryan Phil Douros, Matthew Darcy Atterbury, Craig W. Stanfill, Joseph Skeffington Wholey, III and H. Mark Bromley	Ab Initio Software LLC 201 Spring Street Lexington, MA 02421
Additional name(s) attached? ☐ Yes 图 No	
3. Nature of conveyance:	
Assignment     Merger     Security Agreement     Change of Name     Other:	
Execution Date: 12/15/2009; 12/11/2009; 12/15/2009; 12/15/2009	Additional names/addresses attached? ☐ Yes 図 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)	B: Patent No(s).:
12/638,588	
Additional numbers attached? ☐ Yes 図 No	
<ol><li>Name/address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications/patents involved: 1
PTO Customer Number: 26161	7. Total fee (37 CFR §3.41): \$40
	☐ Enclosed ☑ 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: 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.	
Elliott J. Mason, III /Elliott J. Mason, III Name of Person Signing Elliott J. Mason, III	Reg. No. 56,569/ December 16, 2009 Date
Total number of pages including coversheet, attachments and document: 7	

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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 CFR § 1.6(d).

12/10/09

Signature MM

Typed Name of Pron Server Certificate

REEL: 023666 FRAME: 0298

## ASSIGNMENT

For valuable consideration, we, Bryan Phil Douros, of 92 Lakeview Road Framingham, MA 10701; Matthew Darcy Atterbury, of 6 Gerard Terrace Lexington MA 02421; Craig W. Stanfill, of 43 Huckleberry Hill Road Lincoln, Massachusetts 01773; Joseph Skeffington Wholey, III, of 11 Hillcrest Road Belmont, MA 02478; H. Mark Bromley, of 1194 Center Rd Lyndeborough NH 03082; hereby assign to AB INITIO SOFTWARE LLC, a corporation of Delaware, having a place of business at 201 Spring Street Lexington, MA 02421, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PROCESSING TRANSACTIONS IN GRAPH-BASED APPLICATIONS, filed 12/15/2009 \_\_\_, and assigned U.S. Serial Number 12/638, 588 and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application 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; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, 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.

Assignment Page 1 of 6

PATENT REEL: 023666 FRAME: 0299

DATE: December 15, 2009

BRYAN PHIL DOUROS

STATE OF <u>Marcachusetty</u>) S COUNTY OF <u>Middlesex</u>)

On <u>December 15 2009</u>, before me, the undersigned, a notary public for the State of <u>MAGRAC RESERVE</u>, there personally appeared BRYAN PHIL DOUROS 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 his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

Assignment Page 2 of 6

DATE: 11 DEC 2009

STATE OF <u>MASSIC AUSO + (+)</u>
) SS.
COUNTY OF <u>Middle Sex</u>

On December 15 2009, before me, the undersigned, a notary public for the State of MAUTICLES ATTERBURY 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 his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

ALEXANDRÍA M. L. WUDYKA

NOTARY PUBLIC

Commonwealth of Massochusents

My Commission Expires

June 14, 2013

CRAIG W. STANFILI

STATE OF MARKACHUSE HS ) SS COUNTY OF MIND LESY )

On <u>December 15, 200</u>, before me, the undersigned, a notary public for the State of <u>MASSICACE Ato</u> there personally appeared CRAIG W. STANFILL 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 his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Mexandrin M.L. Wodyka

ALEXANDRIA M. L. NOTARY PUBLIC Commonwealth of Mexicochusetts My Commission Express June 14, 2017

STATE OF MAJESC GURLY SS.

COUNTY OF MIDDLESKY.

On frem for 15, 2007, before me, the undersigned, a notary public for the State of MAJJACA (SPE), there personally appeared JOSEPH SKEFFINGTON WHOLEY, III 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 his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Motary Public M.C. Welge

STATE OF MASSACRUSEPAS ) SS.
COUNTY OF MIDCLESEX )

On freewar 15 2009, before me, the undersigned, a notary public for the State of Massachuse + to there personally appeared H. MARK BROMLEY 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 his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Alexandria M. L. Woyka Notary Public

ALEXANDRIA M. L. WUDYKA NOTARY PUBLIC Commonwealth of Massachusetts My Commission Expires June 14, 2013

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**RECORDED: 12/16/2009** 

Assignment Page 6 of 6

PATENT REEL: 023666 FRAME: 0304