

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Craig W. Stanfill</td> <td>08/29/2005</td> </tr> <tr> <td>J. Skeffington Wholey</td> <td>08/24/2005</td> </tr> <tr> <td>Brond Larson</td> <td>08/29/2005</td> </tr> <tr> <td>Glenn John Allin</td> <td>08/26/2005</td> </tr> </tbody> </table>		Name	Execution Date	Craig W. Stanfill	08/29/2005	J. Skeffington Wholey	08/24/2005	Brond Larson	08/29/2005	Glenn John Allin	08/26/2005
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<table border="1"> <tr> <td>Name:</td> <td>Ab Initio Software Corporation</td> </tr> <tr> <td>Street Address:</td> <td>201 Spring Street</td> </tr> <tr> <td>City:</td> <td>Lexington</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02421</td> </tr> </table>		Name:	Ab Initio Software Corporation	Street Address:	201 Spring Street	City:	Lexington	State/Country:	MASSACHUSETTS	Postal Code:	02421
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13936330</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13936330						
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-542-5070 Email: pxm@fr.com Correspondent Name: Jeffrey Weber Address Line 1: P.O. Box 1022 Address Line 4: Minneapolis, MINNESOTA 55440											
ATTORNEY DOCKET NUMBER:	07470-0089003										
NAME OF SUBMITTER:	Paul J. Micele										
Signature:	/Paul J. Micele/										

Date:

07/08/2013

**Total Attachments: 5**

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## ASSIGNMENT

For valuable consideration, we, Craig W. Stanfill, of 43 Huckleberry Hill Road, Lincoln, Massachusetts 01773; J. Skeffington Wholey, of 11 Hillcrest Road, Belmont, MA 02478; Brond Larson, of <sup>49 LANKEN LN, SHARON MA 02067</sup>~~30 Wingate Road, Holliston, MA 01746~~; Glenn John Allin, of 132 Mt. Vernon Street, Arlington, MA 02476; hereby assign to AB INITIO SOFTWARE CORPORATION, a corporation of Delaware, having a place of business at 201 Spring Street, Lexington, Massachusetts 02421, United States of America, 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 MANAGING METADATA FOR GRAPH-BASED COMPUTATIONS, filed June 27, 2005, and assigned U.S. Serial Number 11/167,902, 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.

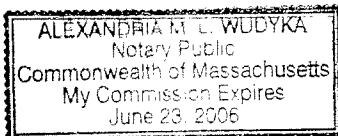
DATE: 8/29/05

Craig W Stanfill  
CRAIG W. STANFILL

STATE OF Massachusetts  
COUNTY OF Middlesex ) SS.

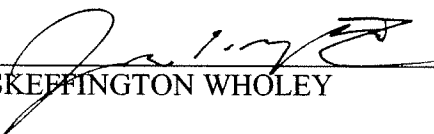
On August 29 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared CRAIG W. STANFILL personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having 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.



Alexandria M C Wudyka  
Notary Public

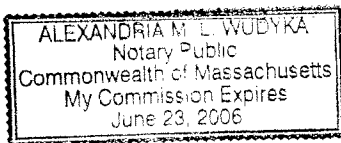
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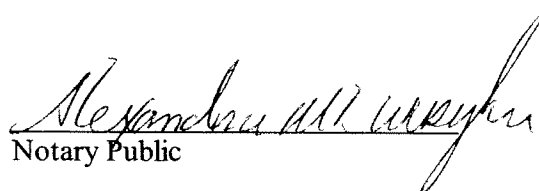
  
J. SKEFFINGTON WHOLEY

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.


On August 24 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared J. SKEFFINGTON WHOLEY 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

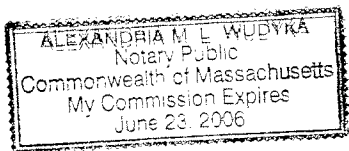
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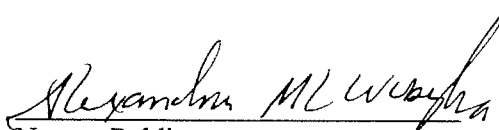
  
BROND LARSON

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On August 29, 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared BROND LARSON 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

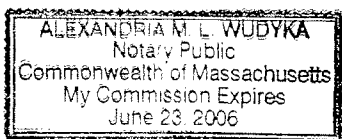
DATE: 8/26/05

Glenn J. Allin  
GLENN JOHN ALLIN

STATE OF Massachusetts )  
COUNTY OF Middlesex ) SS.

On August 26, 2005, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared GLENN JOHN ALLIN 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. Wudyka  
Notary Public

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