Substitute Form PTO-1595 Attorney Docket No.: 07470-0119001

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original docum	ent(s) or copy(ies).
Name of conveying party(ies):	Name and address of receiving party(les):
1. Name or conveying partytes). Ephraim Meriwether Vishniac, Marshall A. Isman, Paul Bay, H. Mark Bromley and John L. Richardson Additional name(s) attached? □ Yes ■ No	Ab Initio Software Corporation 201 Spring Street Lexington, MA 02421
3. Nature of conveyance:	
 ☑ Assignment ☑ Merger ☑ Security Agreement ☑ Change of Name ☑ Other: 	Additional names/addresses attached? 口 Yes 图 No
Execution Date: 11/28/2006; 11/28/2006; 11/21/2006; 11/21/2006; 11/29/2006	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the executi A. Patent Application No(s).: 11/555.458	B; Patent No(5)
Additional numbers	attached? 🗆 Yes 🗵 No
 Name/address of party to whom correspondence concerning document should be malled: 	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.
	B. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT U	JSE THIS SPACE
9. Statement and Signature: To the best of my knowledge any attached copy is a true copy of the original docum	and belief, the foregoing information is true and correct and nent. April 26, 2010
Elliott J. Mason, 111 /Elliott J. Mason Name of Person Signing Elliott J. Mason	, III Date
Hallic A. Latest S.S	Total number of pages including coversheet, attachments and document: 7
Total number of pages including coverances, statement and an arrangement and arrangement arrangement and arrangement arrangement and arrangement arrangement and arrangement arrangement arrangement arrangement arrangement and arrangement arran	

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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).

U/28/10 Date of Deposit Paul J WW.

Paul J. Micele

REEL: 024302 FRAME: 0474

<u>ASSIGNMENT</u>

For valuable consideration, I, Ephraim Meriwether Vishniac, of 15 Hodge Road, Arlington, MA 02474; Marshall A. Isman, of 11 Valleyspring Road, Newton, MA 02158; Paul Bay, of 7 Gorham St., Arlington, MA 02474-1417; H. Mark Bromley, of 1194 Center Rd, Lyndeborough NH 03082; John L. Richardson, of 1421 Carnino Meleno, Santa Barbara, CA 93111-1010; 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 me, entitled MANAGING STORAGE OF INDIVIDUALLY ACCESSIBLE DATA UNITS, filed November 1, 2006, and assigned U.S. Serial Number 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 I authorize the Assignee to apply in all countries in my 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 I agree for me and my 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.

> PATENT REEL: 024302 FRAME: 0475

DATE: Nov/28/2006 PAIN BAY

PAUL BAY

STATE OF ! NESTCHOSETTS)

SS.

COUNTY OF Widdle Sux

on Ablantic 38 2000, before me, the undersigned, a notary public for the State of MASACAOUSAND, there personally appeared PAUL BAY 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.

Alexandra n K wojha Notary Public

PATENT

REEL: 024302 FRAME: 0476

DATE: 16/28/2006 - MARK BROMLEY

STATE OF Mosses hose 175) SS.
COUNTY OF Middleweye

On November 25 2006, before me, the undersigned, a notary public for the State of VNASSACHUS OF 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.

Notary Public

ALEXANDRIA M. L. WUDYKA
NOTARY PUBLIC
Commonwealth of Moundamen
My Commission Expres
June 14, 2013

PATENT REEL: 024302 FRAME: 0477 DATE: /1/31/06 --

MARSHALL A. ISMAN

STATE OF MASSichus # 15) SS
COUNTY OF Widdle Sex.

on <u>love level 2006</u>, before me, the undersigned, a notary public for the State of <u>NASSACADORS AND SEASON</u>, there personally appeared MARSHALL A. ISMAN 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

PATENT

REEL: 024302 FRAME: 0478

DATE: 11/16/2006

ERHRAIM MERIWETHER VISHNIAC

STATE OF Massachuse # 5) SS
COUNTY OF mich lesen

on Note 16, 2006, before me, the undersigned, a notary public for the State of Massachusett, there personally appeared EPHRAIM MERIWETHER VISHNIAC 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 scal.

Notary Public

ALEXANDRIA M. L. WUDYKA NOTARY PUBLIC Commonweith of Massachuseth My Commission Expires June 14, 2013

PATENT REEL: 024302 FRAME: 0479 DATE: 11/29/2006

JOHN L. RICHARDSON

STATE OF <u>California</u>

COUNTY OF Sonta Backaca)

On 1/19/06, before me, the undersigned, a notary public for the State of Californ's, there personally appeared JOHN L. RICHARDSON 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.

JAMES JEFFERSON ()
COMM. #1583381
NOTARY PUBLIC-CALIFORNIA
SANTA BARBARA COUNTY
Ny Comm. Expires July 23, 2010

Notary Public

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PATENT REEL: 024302 FRAME: 0480

RECORDED: 04/28/2010