503544264 10/28/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Marshall A. Isman	04/06/2015
Richard Alan Epstein	04/06/2015

RECEIVING PARTY DATA

Name:	AB INITIO SOFTWARE LLC
Street Address:	201 SPRING STREET
City:	LEXINGTON
State/Country:	MASSACHUSETTS
Postal Code:	02421

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14573038

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: P.O.BOX 1022

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ATTORNEY DOCKET NUMBER:	07470-0297001
NAME OF SUBMITTER:	NANCY MCCOY
SIGNATURE:	/Nancy McCoy/
DATE SIGNED:	10/28/2015

Total Attachments: 4

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> **PATENT** REEL: 036905 FRAME: 0093 503544264

Attorney Docket No.: 07470-0297001 / T168

<u>ASSIGNMENT</u>

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MARSHALL A. ISMAN, and RICHARD ALAN EPSTEIN, each individually assign to AB INITIO SOFTWARE LLC, a limited liability company formed under the laws of Delaware and having a principal place of business at 201 Spring Street. Lexington, MA 02421, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "DATA GENERATION", and was filed in the United States Patent and Trademark Office on December 17, 2014, as application 14/573,038 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Marshall A. Isman DATE:
The Commonwealth of Massachusetts
Middlesex ss.
On this day of day of day, 20%, before me, the undersigned notary public, personally appeared day day day day day day day day day da
the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that \mathcal{HE} signed it voluntarily for its stated purpose.
Xaxandria MKW/y/a
Notary Public ALEXANDRIA M.L. WUDYKA
Commonwealth of Massachusetts My Commission Explose

May 29, 2020

Attorney Docket No.: 07470-0297001 / T168

Richard Alan Epstein

DATE: 4/6/2015

The Commonwealth of Massachusetts

44.ddles4 ss. (D)
On this 6 day of 40
public, personally appeared <u>Rik Chistern</u> , proved to me through
public, personally appeared <u>Lek Chistern</u> , proved to me through satisfactory evidence of identification, which were <u>parainally lindual labely</u> to be
the person(s) whose name(s) is/are signed on the preceding or attached document, and
acknowledged to me that signed it voluntarily for its stated purpose.

Notary Public

ALEXANDRIA M.L. WUDYKA
Notary Public
Commanwealth of Massachusens
My Commission Expires
May 29, 2020

The Assignee hereby acknowledges	and accepts the foregoing as	signment.	
Assignee: AB INITIO SOFTWARE	LLC		
Signature:		Date: 4/6//5	
Signature: <u>タル</u> Name: <u>「デモバシ</u> 」 J. /	RNRY		
Title: // Comsec			
	mmonwealth of Massachus		
Middlesux ss.			
On this 6 day of 1	<u>Nel</u> , 20 <u>7,</u> befo	ore me, the undersigned not	ary
public, personally appeared <u>Loo</u>	en Henry	, proved to me through	
satisfactory evidence of identification	n, which were <u>Assur I</u>	hoense ,t	o be
the person(s) whose name(s) is/are si	igned on the preceding or at	tached document, and	
acknowledged to me that <u>#6</u>	signed it voluntarily for its	stated purpose.	
	Alexandra Notary Public	n L Willy has	
	Notary Public		
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