

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4991507

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Richard A. Epstein	05/29/2018
Mike Palmer	06/01/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	AB INITIO SOFTWARE LLC
<b>Street Address:</b>	201 SPRING STREET
<b>City:</b>	LEXINGTON
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02421
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15997278
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	+1 (212) 641-2269
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	GRETCHEN A. DEVRIES
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	07470-0363001
<b>NAME OF SUBMITTER:</b>	NANCY MCCOY
<b>SIGNATURE:</b>	/Nancy McCoy/
<b>DATE SIGNED:</b>	06/05/2018
<b>Total Attachments: 4</b>	
source=INVENTOR ASSIGNMENT#page1.tif	
source=INVENTOR ASSIGNMENT#page2.tif	
source=INVENTOR ASSIGNMENT#page3.tif	
source=INVENTOR ASSIGNMENT#page4.tif	

# ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, RICHARD A. EPSTEIN, and MIKE PALMER, 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 "DATAFLOW GRAPH CONFIGURATION," and was filed in the United States Patent and Trademark Office on June 4, 2018, as application 15/997,278 (the "Application"). We authorize the insertion of the filing date and application number above.

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.

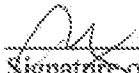
  
Richard A. Epstein

Date: 5/25/2018

State of Maine

County of Andover

The foregoing instrument was acknowledged before me this 29<sup>th</sup> Day of May 2018 by  
Richard Epstein.

  
\_\_\_\_\_  
Signature of Notary Public

WILLIAM H. JONES  
NOTARY PUBLIC, MAINE  
MY COMMISSION EXPIRES  
DECEMBER 22, 2023

\_\_\_\_\_  
Name of Notary Public  
Notary Public, State of Maine

My commission expires: \_\_\_\_\_

Mike Palmer  
Mike Palmer

Date: 6/1/18

Wake County, North Carolina

I certify that the following person personally appeared before me this day, each acknowledging to me that he or she signed the foregoing document:

Michael Allen Palmer  
Name(s) of principal(s)

Date: 6/1/18



Marta V. Guzman  
Official Signature of Notary  
Marta V. Guzman, Notary Public  
Notary's printed or typed name  
My commission expires: 11-04-2022

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: AB INITIO SOFTWARE LLC

Signature: [Signature] Date: 6/1/18

Name: STEVEN J. HENRY

Title: COUNSEL

The Commonwealth of Massachusetts

[Signature] ss.



On this 1st day of June, 2018, before me, the undersigned notary public, personally appeared [Signature], proved to me through satisfactory evidence of identification, which were personal knowledge, to be the person(s) whose name(s) is/are signed on the preceding or attached document, and acknowledged to me that he signed it voluntarily for its stated purpose.



ALEXANDRIA M.L. WUDYKA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 29, 2020

[Signature]  
Notary Public

23769803.doc