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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY DA	АТА						
		Name			Execution Date		
Mohammad Foyzur Rahr	man				03/26/2015		
George Constantin Cara	gea				03/26/2015		
Carlos Garcia-Alvarado					03/26/2015		
Michail Petropoulos					03/26/2015		
RECEIVING PARTY DA	ТА						
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Postal Code:	94103						
PROPERTY NUMBERS	Total: 1						
Property Type		Number					
Application Number:		16049468					
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SIGNATURE:		/Nicole Osmonson/					
DATE SIGNED:		01/15/2019	01/15/2019				
Total Attachments: 3		•					

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## ASSIGNMENT and CONFIRMATION

We, <u>Mohammad Foyzur Rahman</u>, <u>George Constantin Caragea</u>, <u>Carlos Garcia-</u> <u>Alvarado</u>, and <u>Michail Petropoulos</u>, each hereby confirm the sale, assignment, and transfer to Pivotal Software, Inc., a Delaware corporation having a place of business at 3495 Deer Creek Road, Palo Alto, CA 94304, and its successors and assigns (collectively, "ASSIGNEE") of all of our individual and joint right, title and interest throughout the world in and to any and all inventions and improvements that are the subject or subjects of a patent application entitled

## PRECISELY TRACKING MEMORY USAGE IN MULTI-PROCESS COMPUTING ENVIRONMENT

that names us as inventors, and was filed in the United States on June 13, 2014 as application no. 62/012,256. The foregoing sale, assignment, and transfer occurred by operation of one or more agreements relating to our employment by Pivotal Software, Inc. or an affiliate of Pivotal Software, Inc. Should any of us have any remaining interest, we each hereby sell, assign, and transfer any right, title or interest we may have in the above-mentioned inventions and improvements anywhere in the world to ASSIGNEE.

This assignment and confirmation includes the foregoing patent application or patent; all legal equivalents thereof in any country and all patents issuing therefrom; all patents, utility models, and design registrations granted for any of said inventions and improvements throughout the world; and the right to claim priority based on the filing date of the foregoing patent application or patent 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. We authorize ASSIGNEE to apply in all countries in our names or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for the assigned inventions and improvements.

The foregoing assignments have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the employment-related agreements existing at the time the above-mentioned inventions and improvements were made.

PATENT REEL: 048007 FRAME: 0639 We hereby represent and covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into by us that would conflict with the above-mentioned assignment of the inventions and improvements to ASSIGNEE.

We further covenant for ourselves and our respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to any of the above-mentioned inventions and improvements, patent applications, patents and legal equivalents, as may be known and accessible to us; to testify as to the same in any interference, litigation, or proceeding relating thereto; and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce any of the above-mentioned applications, inventions and improvements, patents and equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Dated: 03/26/2015

Form Kohm

Mohammad Foyzur Rahman

Dated: 3/26/2015

George Constantin Caragea

Dated: 3/26/2013

Carlos Ģarcia-Ālvarado

Dated: 3/26/2015

Michail Petropoulos

PATENT REEL: 048007 FRAME: 0682 Accepted by:

**PIVOTAL SOFTWARE, INC.** 

Signature:	<u>Alm bl</u>				
Name:	Andrew M. Cohen				
Title:	Vice President, General Counsel, Secretary				
Date:	April 2, 2015				

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