PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PROF HASSO PLATTNER	07/27/2014
STEPHAN MUELLER	07/27/2014
JENS KRUEGER	07/27/2014
DR. JUERGEN MUELLER	07/23/2014
ANISOARA NICA	08/25/2014

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14291594

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ATTORNEY DOCKET NUMBER: 000060-001100US	
NAME OF SUBMITTER: CHARLES L. HAMILTON	
SIGNATURE:	/Charles L. Hamilton/
DATE SIGNED: 08/27/2014	

Total Attachments: 6

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PATENT REEL: 033618 FRAME: 0606

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Attorney Docket No.: 000060-001100US Client Ref. No.: HPI15076US

ASSIGNMENT OF PATENT APPLICATION

IOINT

WHEREAS, **Prof.** Hasso Plattner, Stephan Mueller, Jens Krueger, Dr. Juergen Mueller and Anisoara Nica, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:	USING OBJECT AWARENESS FOR A JOIN PRUNING MECHANISM	
Application No.:	14/291,594	
Filing Date:	May 30, 2014	

WHEREAS, **Hasso-Plattner-Institut für Softwaresystemtechnik GmbH**, with a business address as Prof.-Dr.-Helmert-Strasse 2-3, 14482 Potsdam, Germany, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

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Anisoara Nica

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Prof. Hasso Platiner	«	
Stephân Mueller * i: Jens Krueger		Prof. Hasso Plattner
Jens Krueger i:	: 29.7.20.14	Stephán Mueller
	<u> </u>	Jens Krueger
	*	Dr. Juergen Mueller
:Anisoara Nica	:	

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Client Reference No.: HPTI5076US
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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Assignment.
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Client Reference No.: HPIJ5076US

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ed:
Stephan Mueller ed: Jens Krueger
Jens Krueger
ed 33 14 Dr. Juergen Mueller

Assignment Attorney Docket No.: 000060-001100US Client Reference No.: HPI15076US

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IN TESTIMONY WHEREOF, As indicated.	signors have signed their names on the	dates
Dated:	Prof. Hasso Plattner	
Dated:	Stephan Mueller	
Dated:	Jens Krueger	
Dated:	Dr. Juergen Mueller	
Dated: August 25, 2014_	N / A ·	

PATENT REEL: 033618 FRAME: 0613

RECORDED: 08/27/2014