

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2795853

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
	Name	Execution Date	
	YONG SIK KWON	03/19/2014	
	JAERYUN NOH	03/10/2014	
	JUCHANG LEE	03/25/2014	
	JI HOON JANG	03/17/2014	
	SANG KYUN CHA	03/25/2014	
RECEIVING PARTY DATA			
Name:	SAP AG		
Street Address:	DIETMAR-HOPP-ALLEE 16		
City:	WALLDORF		
State/Country:	GERMANY		
Postal Code:	D-69190		
PROPERTY NUMBERS Total: 1			
	Property Type	Number	
	Application Number:	14242642	
CORRESPONDENCE DATA			
Fax Number:	(503)595-5301		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	503-595-5300		
Email:	kelly.mccarthy@klarquist.com		
Correspondent Name:	CORY A. JONES, KLARQUIST SPARKMAN, LLP		
Address Line 1:	121 SW SALMON STREET, SUITE 1600		
Address Line 2:	ONE WORLD TRADE CENTER		
Address Line 4:	PORTLAND, OREGON 97204		
ATTORNEY DOCKET NUMBER:	8880-92190-02		
NAME OF SUBMITTER:	CORY A. JONES		
SIGNATURE:	/Cory A. Jones/		
DATE SIGNED:	04/01/2014		
Total Attachments: 5			
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ASSIGNMENT

I, Yong Sik Kwon ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):

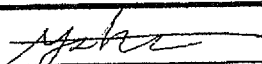
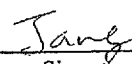
U.S. Patent Application entitled FAST RESTART OF APPLICATIONS USING SHARED MEMORY, having U.S. Patent Application No. 14/242,642, filed on April 1, 2014;

ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives of Klarquist Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600, Portland, OR 97204 USA, who are associated with customer number 106592, to insert the application number(s) and filing date(s) above when known;

SAP AG, Dietmar-Hopp-Allee 16 D-69190, Walldorf, Germany, a company organized under the laws of the country of Germany, on behalf of itself and its successors and assigns ("ASSIGNEE"), is entitled to and is desirous of acquiring the entire and exclusive rights, title, and interest in the INVENTION, the APPLICATIONS, and all other applications and patents derived therefrom, such as continuing applications, in and for the United States, its territories, and all foreign countries ("APPLICATION DERIVATIVES");

For good and valuable consideration, the receipt of which is hereby acknowledged by the ASSIGNOR, the ASSIGNOR hereby sells, assigns, and transfers to the ASSIGNEE, the entire and exclusive rights, title, and interest in the INVENTION, the APPLICATIONS, and APPLICATION DERIVATIVES, including foreign priority rights;

ASSIGNOR agrees to sign any documents required for the prosecution of the APPLICATIONS and APPLICATION DERIVATIVES, for litigation regarding letters patent derived therefrom, and for protecting and perfecting title to the APPLICATIONS and APPLICATION DERIVATIVES.

 _____ Inventor's Signature Yong Sik Kwon	<u>March / 19 / 2014</u> _____ Date Signed
 _____ Witness Signature JANG, JI HOON _____ Witness Name (print)	<u>March / 19 / 2014</u> _____ Date Signed

ASSIGNMENT

I, Jaeyun Noh ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):

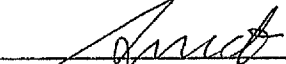
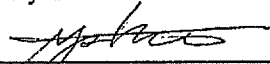
U.S. Patent Application entitled **FAST RESTART OF APPLICATIONS USING SHARED MEMORY**, having U.S. Patent Application No. 14/242,642, filed on April 1, 2014;

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 _____ Inventor's Signature Jaeyun Noh	<u>2014. 03. 10.</u> _____ Date Signed
 _____ Witness Signature YONG SIK KWON	<u>2014. 03. 10.</u> _____ Date Signed
_____ Witness Name (print)	

ASSIGNMENT

I, Juchang Lee ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):


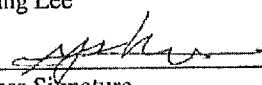
U.S. Patent Application entitled FAST RESTART OF APPLICATIONS USING
SHARED MEMORY, having U.S. Patent Application No. 14/242,642, filed on
April 1, 2014;

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DERIVATIVES, including foreign priority rights;

ASSIGNOR agrees to sign any documents required for the prosecution of the
APPLICATIONS and APPLICATION DERIVATIVES, for litigation regarding letters patent derived
therefrom, and for protecting and perfecting title to the APPLICATIONS and APPLICATION
DERIVATIVES.

 Inventor's Signature Juchang Lee	<u>25 / March / 2014</u> Date Signed
 Witness Signature Yong Sik Kwon	<u>25 / March / 2014</u> Date Signed
Witness Name (print)	

ASSIGNMENT

I, Ji Hoon Jang ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):

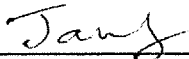
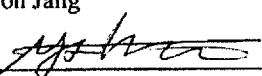
U.S. Patent Application entitled FAST RESTART OF APPLICATIONS USING SHARED MEMORY, having U.S. Patent Application No. 14/242,642, filed on April 1, 2014;

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 _____ Inventor's Signature Ji Hoon Jang	<u>March 17, 2014</u> _____ Date Signed
 _____ Witness Signature YONG SIK KWON	<u>March 17, 2014</u> _____ Date Signed
_____ Witness Name (print)	

ASSIGNMENT

I, Sang Kyun Cha ("ASSIGNOR"), have invented subject matter ("INVENTION"), disclosed and/or claimed in the following patent application(s) ("APPLICATIONS"):


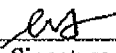
U.S. Patent Application entitled FAST RESTART OF APPLICATIONS USING SHARED MEMORY, having U.S. Patent Application No. 14/242,642, filed on April 1, 2014;

ASSIGNOR hereby authorizes and requests ASSIGNEE'S legal representatives of Klarquist Sparkman, LLP, 121 S.W. Salmon Street, Suite 1600, Portland, OR 97204 USA, who are associated with customer number 106592, to insert the application number(s) and filing date(s) above when known;

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ASSIGNOR agrees to sign any documents required for the prosecution of the APPLICATIONS and APPLICATION DERIVATIVES, for litigation regarding letters patent derived therefrom, and for protecting and perfecting title to the APPLICATIONS and APPLICATION DERIVATIVES.

 _____ Inventor's Signature Sang Kyun Cha	<u>25 Mar, 2014</u> _____ Date Signed
 _____ Witness Signature	<u>25 Mar. 2014</u> _____ Date Signed
<u>Kang, San Ah</u> _____ Witness Name (print)	