

PATENT ASSIGNMENT COVER SHEET

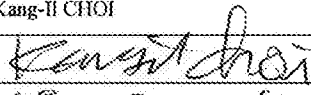
Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2677250

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>KANG-IL CHOI</td> <td>01/03/2014</td> </tr> <tr> <td>BHUM-CHEOL LEE</td> <td>01/03/2014</td> </tr> <tr> <td>JUNG-HEE LEE</td> <td>01/03/2014</td> </tr> <tr> <td>YOUNG-HO PARK</td> <td>01/03/2014</td> </tr> <tr> <td>SANG-MIN LEE</td> <td>01/03/2014</td> </tr> <tr> <td>SEUNG-WOO LEE</td> <td>01/03/2014</td> </tr> </tbody> </table>		Name	Execution Date	KANG-IL CHOI	01/03/2014	BHUM-CHEOL LEE	01/03/2014	JUNG-HEE LEE	01/03/2014	YOUNG-HO PARK	01/03/2014	SANG-MIN LEE	01/03/2014	SEUNG-WOO LEE	01/03/2014
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE</td> </tr> <tr> <td>Street Address:</td> <td>161 GAJEONG-DONG, YUSEONG-GU</td> </tr> <tr> <td>City:</td> <td>DAEJEON</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>		Name:	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	Street Address:	161 GAJEONG-DONG, YUSEONG-GU	City:	DAEJEON	State/Country:	KOREA, REPUBLIC OF						
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PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14152708</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14152708										
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Application Number:	14152708														
CORRESPONDENCE DATA															
Fax Number:	(630)908-7653														
Phone:	6309087652														
Email:	uspto.actions@wpapat.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	WILLIAM PARK & ASSOCIATES PATENT LTD.														
Address Line 1:	930 N. YORK ROAD, SUITE 201														
Address Line 4:	HINSDALE, ILLINOIS 60521														
ATTORNEY DOCKET NUMBER:	PA1537-0														
NAME OF SUBMITTER:	WOOCHOON W. PARK														

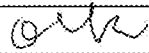
Signature:	/Woochoon W. Park/
Date:	01/10/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 2 source=PA1537-0_Decl-Assign#page1.tif source=PA1537-0_Decl-Assign#page2.tif	

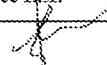
**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT**

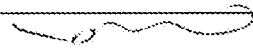
Title of Invention	SWITCH AND METHOD FOR GUARANTEEING QUALITY OF SERVICE OF MULTI-TENANT CLOUD SERVICE AND SYSTEM HAVING THE SAME SWITCH	
Declaration	<p>As the below named inventor(s), I hereby declare that: The declaration is directed to:</p> <p><input checked="" type="checkbox"/> The attached application, or <input type="checkbox"/> United States application or PCT international application number <u>PCT/KR#####</u> filed on _____</p> <p>The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.</p>	
Assignment	<p>NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s)</p> <p align="center">Electronics and Telecommunications Research Institute 161, Gajeong-dong, Yuseong-gu, Daejeon 305-700, Republic of Korea</p> <p>and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.</p> <p>I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney, Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary.</p> <p>I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.</p> <p>I further covenant that assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assignee(s) or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.</p>	
Legal Name Of Inventor	Inventor Name (First Middle LAST):	Kang-II CHOI
	Inventor Signature:	
	Date:	Jan. 3, 2014

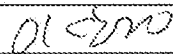
☐ A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any.

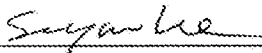
**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION
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Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Bhum-Cheol LEE
	Inventor Signature:	
	Date:	Jan 3, 2014

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Jung-Hee LEE
	Inventor Signature:	
	Date:	Jan 13 / 2014

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Young-Ho PARK
	Inventor Signature:	
	Date:	Jan 17 / 2014

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Sang-Min LEE
	Inventor Signature:	
	Date:	Jan 3, 2014

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Seung-Woo LEE
	Inventor Signature:	
	Date:	Jan 3, 2014