

## PATENT ASSIGNMENT

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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>Yu Seung Ma</td> <td>09/20/2012</td> </tr> <tr> <td>Duk Kyun Woo</td> <td>09/20/2012</td> </tr> <tr> <td>Seon Tae Kim</td> <td>09/20/2012</td> </tr> <tr> <td>Pyeong Soo Mah</td> <td>09/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yu Seung Ma	09/20/2012	Duk Kyun Woo	09/20/2012	Seon Tae Kim	09/20/2012	Pyeong Soo Mah	09/20/2012
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Seon Tae Kim	09/20/2012										
Pyeong Soo Mah	09/20/2012										
RECEIVING PARTY DATA											
Name:	Electronics & Telecommunications Research Institute										
Street Address:	161 Gajeong-dong, Yuseong-gu										
City:	Daejeon										
State/Country:	KOREA, REPUBLIC OF										
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>13645555</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13645555						
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Application Number:	13645555										
CORRESPONDENCE DATA											
Fax Number:	2024080924										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Correspondent Name:	Rabin & Berdo, P.C.										
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ATTORNEY DOCKET NUMBER:	ESA-108										
NAME OF SUBMITTER:	Steven M. Rabin										
This document serves as an Oath/Declaration (37 CFR 1.63).											
Total Attachments: 2 source=ESA-108-Asg-dec#page1.tif source=ESA-108-Asg-dec#page2.tif											

OP \$40.00 13645555

8/12

**ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT**

WHEREAS MA, Yu Seung, WOO Duk Kyun, KIM, Seon Tae and MAH, Pyeong Soo, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to  
**FAULT-BASED SOFTWARE TESTING METHOD AND SYSTEM**

said application being attached hereto;  
 said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_, as Application Serial No. \_\_\_\_\_, and was amended on \_\_\_\_\_ (if applicable);  
 the specification of which was filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

AND WHEREAS Electronics & Telecommunications Research Institute having its principal place of business at 161 Gajeong-dong, Yuseong-gu, Daejeon, REPUBLIC OF KOREA, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.


AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor 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.

Address all correspondence and telephone calls to Rabin & Berdo, P.C., 1101 14<sup>th</sup> Street, N.W., Suite 500, Washington, D.C. 20005, Telephone: (202) 371-8976; Fax: (202) 408-0924, Customer No. 23995.

**WITNESS:**  
Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (SOLE OR FIRST INVENTOR):**  
Signature:   
Legal Name: MA, Yu Seung  
Date: September 20, 2012

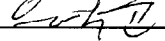
Continued -Page 2

**ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT**

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_


**ASSIGNOR (SECOND INVENTOR):**

Signature:   
Legal Name: WOO Duk Kyun  
Date: September 20, 2012

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_


**ASSIGNOR (THIRD INVENTOR):**

Signature:   
Legal Name: KIM, Seon Tae  
Date: September 20, 2012

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (FOURTH INVENTOR):**

Signature:   
Legal Name: MAH, Pyeong Soo  
Date: September 20, 2012

**WITNESS:**

Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
\_\_\_\_\_

**ASSIGNOR (FIFTH INVENTOR):**

Signature: \_\_\_\_\_  
Legal Name: \_\_\_\_\_  
Date: \_\_\_\_\_