

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6069353

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MI JOO KIM	04/03/2020
WOONG GO	04/03/2020
HONG GUEN KIM	04/03/2020
SUNG TAEK OH	04/03/2020
JAE HYUK LEE	04/03/2020
SOON TAI PARK	04/03/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA INTERNET & SECURITY AGENCY
<b>Street Address:</b>	9, JINHEUNG-GIL, NAJU-SI
<b>City:</b>	JEOLLANAM-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16844984
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(858)509-3691
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	8587208900
<b>Email:</b>	DOCKETING@SHEPPARDMULLIN.COM
<b>Correspondent Name:</b>	SHEPPARD MULLIN RICHTER & HAMPTON LLP
<b>Address Line 1:</b>	12275 EL CAMINO REAL
<b>Address Line 2:</b>	SUITE 200
<b>Address Line 4:</b>	SAN DIEGO, CALIFORNIA 92130
<b>ATTORNEY DOCKET NUMBER:</b>	68PP-314700-US
<b>NAME OF SUBMITTER:</b>	JAMIE BARBER
<b>SIGNATURE:</b>	/JAMIE BARBER/
<b>DATE SIGNED:</b>	04/20/2020
<b>Total Attachments: 3</b>	

source=68PP-314700\_ASSIGNMENT#page1.tif

source=68PP-314700\_ASSIGNMENT#page2.tif

source=68PP-314700\_ASSIGNMENT#page3.tif

**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN  
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Title of Invention: **APPARATUSES FOR OPTIMIZING RULE TO IMPROVE  
DETECTION ACCURACY FOR EXPLOIT ATTACK AND  
METHOD THEREOF**

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

☒ United States patent application number 16/844,984, filed on  
April 9, 2020, which claims priority to Korean Patent Application No. 10-  
2019-0152543, filed on November 25, 2019, in the Korean Intellectual Property Office.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention  
in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all  
information known to me to be material to patentability as defined in 37 CFR Section  
1.56.

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.

WHEREAS, the undersigned inventor(s) (hereinafter "Assignor"), has/have made an  
invention entitled "**APPARATUS FOR OPTIMIZING RULE TO IMPROVE DETECTION  
ACCURACY FOR EXPLOIT ATTACK AND METHOD THEREOF**" disclosed in the  
above-identified patent application and further identified by the Attorney Docket Number  
provided in the header of this document, and

WHEREAS, Korea Internet & Security Agency (hereinafter "Assignee"), a Korean  
agency, having a place of business at 9, Jinheung-gil, Naju-si, Jeollanam-do, Republic  
of Korea, is desirous of acquiring the entire right, title and interest in and to the  
aforesaid invention, application and all Letters Patent of the United States or any foreign  
country, including continuations, continuations-in-part, reissues, reexaminations,  
extensions, substitutes, and divisions which may be granted therefor;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of  
which are hereby acknowledged, I, the said Assignor, by these presents do sell, assign  
and transfer unto Assignee, its successors, legal representatives and assigns, the full  
and exclusive right in and to the said invention as described in the said application, and

in and to any Letters Patent of the United States or any foreign country, including continuations, continuations-in-part, reissues, reexaminations, extensions, substitutes, and divisions which may be granted therefor and all rights to claim priority on the basis of said application; and I further grant to Assignee the sole right to sue and collect damages for past infringement;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to issue all said Letters Patent to said Assignee;

AND I HEREBY warrant and covenant that I have the full right to convey the entire interest herein assigned and that I have not executed and will not execute any instrument or assignment in conflict herewith;


AND I HEREBY agree to communicate to said Assignee or its representatives any facts known to me respecting said invention, to execute all divisional, continuation, reissue, reexamination, extension, substitute, and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors, legal representatives or assigns, and to testify in any judicial or administrative proceeding and generally do everything possible to aid the said Assignee to obtain and enforce said Letters Patent in the United States or any foreign country when requested so to do by said Assignee.

Legal Name of Inventor: **Mi Joo KIM**

Signature: 


Date: 4/3/2020

Legal Name of Inventor: **Woong GO**

Signature: 


Date: 4/3/2020

Legal Name of Inventor: **Hong Geun KIM**

Signature: 

Date: 4/3/2020

Legal Name of Inventor: Sung Taek OH

Signature: \_\_\_\_\_

Date: 4/3/2020

Legal Name of Inventor: Jae Hyuk LEE

Signature: \_\_\_\_\_

Date: 4/3/2020

Legal Name of Inventor: Soon Tai PARK

Signature: \_\_\_\_\_

Date: 4/3/2020