PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEV	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASS	ASSIGNMENT		
CONVEYING PART	Y DATA				
N				Execution Date	
Sung-Ryoul LEE				08/16/2013	
Young-Han CHOI				08/09/2013	
Jung-Hee LEE				08/09/2013	
Byung-Chul BAE				08/16/2013	
Hyung-Geun OH				08/16/2013	
Ki-Wook SOHN				08/09/2013	
Name: Street Address:		ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE 161, Gajeong-dong, Yuseong-gu			
Street Address:	161, Gajeong-	161, Gajeong-dong, Yuseong-gu			
City:	Daejeon	Daejeon			
State/Country:	KOREA, REPU	KOREA, REPUBLIC OF			
Postal Code:	305-350				
PROPERTY NUMBE			Number]	
Property Type		14023635			
Application Number	r.	14023035			
CORRESPONDENC	E DATA				
Fax Number:	<i>I be sent via US I</i> 70385413 mail@lrkp ne: LRK Pate 1952 Gall Vienna, V	331 patent.com ent Law Firm lows Rd., 20 /IRGINIA 22	00		
NAME OF SUBMITTER:			ksoo Lee		
				PATENT	
502492583			F	REEL: 031191 FRAME: 0012	

Signature:	/Taeksoo Lee/
Date:	09/12/2013
Total Attachments: 3 source=P106380001#page1.tif source=P106380002#page1.tif source=P106380003#page1.tif	

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ASSIGNMENT

WHEREAS,

LEE, Sung-Ryoul, a citizen of Republic of Korea, whose post office address is The Attached In stitute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Korea; CHOI, Young-Han, a citizen of Republic of Korea, whose post office address is The Attached I nstitute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Korea; ea;

LEE, Jung-Hee, a citizen of Republic of Korea, whose post office address is The Attached Instit ute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Korea; **BAE, Byung-Chul**, a citizen of Republic of Korea, whose post office address is The Attached In stitute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Kore a;

OH, Hyung-Geun, a citizen of Republic of Korea, whose post office address is The Attached In stitute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Kore a; and

SOHN, Ki-Wook, a citizen of Republic of Korea, whose post office address is The Attached Ins titute of ETRI, Daejeon Yuseong P.O. Box, 1, Yuseong-gu, Daejeon 305-600, Republic of Korea, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

NETWORK INTRUSION DETECTION APPARATUS AND METHOD USING PERL COMPATIBLE REGULAR EXPRESSIONS-BASED PATTERN MATCHING TECHNIQUE

for which they have executed an application for Letters Patent for the United States in the United States Patent and Trademark Office even date herewith.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request Taeksoo Lee, Reg. No. 61,976 of the LRK Patent Law Firm, whose address is 1952 Gallows Rd., Suite 200, Vienna, Virginia 22182, to insert here in parenthesis (Application No. ______, filed _____) the filing date and application number of said application when known.

AND WHEREAS, <u>ELECTRONICS AND TELECOMMUNICATIONS RESEARCH</u> <u>INSTITUTE</u>, organized and existing under the laws of <u>Republic of Korea</u>, whose post-office address is <u>161</u>, <u>Gajeong-dong</u>, <u>Useong-gu</u>, <u>Daejeon</u>, <u>305-350</u>, <u>Republic of Korea</u>, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, 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, the receipt whereof is hereby acknowledged, said ASSIGNORS

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hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective dates indicated below.

Name: LEE, Sung-Ryoul

Name: CHOI, Young-Han

J. F. 16

Date

Date



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2013. 8.9.

Date

Name: LEE, Jung-Hee

Name: BAE, Byung-Chul

Name: OH, Hyung-Geun

Name: SOHN, Ki-Wook

2013. 8. 16.

Date

2013 . d. 16 Date

2013 P. 9 Date

Date

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