505017648 07/24/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
YOUNG MAN HWANG	07/13/2018
SUNG MIN JOO	07/13/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14751198

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ATTORNEY DOCKET NUMBER:	594-0109
NAME OF SUBMITTER:	JUNEYOUNG KIM
SIGNATURE:	/Juneyoung Kim/
DATE SIGNED:	07/24/2018

Total Attachments: 2

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PATENT 505017648 REEL: 046443 FRAME: 0463

ASSIGNMENT - Patent Application			Docket Number: 594-0109		
Whereas, the Ass	ignor, comprising the followin	g named invent	ors:		
ASSIGNOR(s)/ INVENTOR(s)	1. Young Man HWANG		2.	Sung Min JOO	
	3.		4.	4.	
	5.		6.		
made an invention	entitled: One Time Passwo	rd Generation D	evice and Au	thentication Method Using the Same	
for which an appli (Select one of the fo	cation for Letters Patent of the	e United States	(the Applica	ition):	
was filed in	concurrently herewith the U.S. Patent and Tradema ent Application Serial No.: <u>14/</u>		ne <u>26, 2015</u> ,		
ASSIGNEE (Full Name and Add	Young Man HWANG ress) 302-1906, 53, Gajwa 2- do	ong, lisanseo-qu. G	iovang-si, Gve	onggi-do, South Korea, 411-440	

is desirous of acquiring the entire interest in and to said invention and the Letters Patent to be obtained therefor,

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, Assignors, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be or have been granted in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

Assignors hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of Assignor's entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, his successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by Assignors had this Assignment and sale not been made.

Further, Assignors agree that Assignors will communicate to said ASSIGNEE or his representatives any facts known to Assignors respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, his successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of IPabroad America PLLC of Lakes & Plains Building Suite 207, 842 Raymond Ave, Saint Paul, Minnesota 55114 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, this Assignment is executed on the day indicated on next page.

Page 1 of 2 Modified 2/6/03

ASSIGNMENT - Patent Application		Docket Number: 594-0109			
		Typed or Printed N	Name	Signature	Date
	1.	Young Man HWANG	(Assignor)	Young Man Hwang	13 July, 2018
	MATERIAL CONTROL COME COME CONTROL AND		samere and an area of an extensive above and an area of selections.	* Witness to Assignor	
	2.	Sung Min JOO (As	ssignor)	Sung-Min 500	13. July . 2018
	III III b III II II b oo oo oo lo boo oo o		MITTER CONT. OF STREET STREET,	* Witness to Assignor	Δ
	3.	Young Man HWANG	(Assignee)	Young Man Hwang	13. July 20/
SIGNATURE		A SA BASA LA CORRECCIO RECLE RECERCIO RECURRA DA RECURRA DE RECURR		* Witness to Assignee	
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Application for	United States	Letters Patent:			
Serial No.:		14/751,19	<u>98</u>		
Filed:		<u>June 26,</u>	<u>2015</u> ,		
Attorney Docke	t Number:				
Total Number of Assignment Pages 2 *Witness			ess signature recommended, mandato	ry for some countries	

Page 2 of 2 Modified 2/6/03