505731700 10/21/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRAN K RACHURI	09/12/2014
VIJAY SRINIVASAN	09/11/2014
EMMANUEL MUNGUIA TAPIA	09/11/2014

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS	
Street Address:	129, SAMUNG RO	
City: YEONGTONG-GU, SUWON_SI		
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14488087

CORRESPONDENCE DATA

Fax Number: (630)597-2211

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.

Phone: 6303102539

Email: john.king@jkinglawoffice.com

Correspondent Name: JOHN KING **Address Line 1:** PO BOX #1555

Address Line 4: WHEATON, ILLINOIS 60187

ATTORNEY DOCKET NUMBER:	ASP14-MS02
NAME OF SUBMITTER:	JOHN J KING
SIGNATURE:	/John J. King/
DATE SIGNED:	10/21/2019

Total Attachments: 6

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PATENT 505731700 REEL: 050772 FRAME: 0250

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

Title of Invention	SYSTEMS AND METHODS FOR DEVICE BASED AUTHENTICATION
As the undersig	gned inventor, I hereby declare that:
This combined assignment is d	declaration and In The attached application, or International application number filed on
The above-ider	ntified 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.
	d and understand the contents of the application including the claims, for which this combined declaration and being submitted.
I am aware of t 1.56.	he duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR
Suwon-si, Gye	amsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung-ro, Yeongtong-gu onggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in and to any patent that may be granted thereon in the United States and foreign countries;
inventors, herel above-identifie applications, as Convention of	FORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named by sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the ad application and the invention disclosed therein in all countries, including all divisional applications, continuation ad corresponding priority applications including those to which priority is claimed under the International Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted I reissues thereof.
granted, to said apply for paten papers and gen	horize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when I ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may its for the invention in foreign countries without further authorization from us. Also, We agree to execute all erally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing invention in all countries.
	wledge that any willful false statement made in this combined declaration and assignment is punishable under 18 // fine or imprisonment of not more than five (5) years, or both.
}	
LEGAL NAM	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)
1	Kiran K. Rachuri Date: SEP, 12, 2014
Signature:	Kan Jana I
ł	
LEGAL NAMI	E OF SECOND INVENTOR (e.g., full first name, middle initial, last name)
Inventor:	Vijay Srîniyasan Date:
Signature:	

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: Emmanuel Munguia-Tapia	Date:		
Signature:			

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

SYSTEMS AND METHODS FOR DEVICE BASED AUTHENTICATION nvention		
s the undersigned inventor, I hereby declare that:		
his combined declaration and SThe attached application, or States application or PCT International application number		
he above-identified application was made or authorized to be made by me.		
believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
have reviewed and understand the contents of the application including the claims, for which this combined declaration and ssignment is being submitted.		
am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 56.		
VHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung-ro, Yeongtong-gu uwon-si, Gyeonggi-do, Korea (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire right, title and interest in aid invention and to any patent that may be granted thereon in the United States and foreign countries;		
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.		
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
EGAL NAME OF FIRST INVENTOR (e.g., fall first name, middle initial, last name)		
oventor: Kiran K. Rachuri Date:		
ignature:		
LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
ventor: Vijay Sriniyasan Date: 11 5EF, 2014		
gnature:		

LEGAL NAME OF THIRD INVENTOR (e.g., full first name, middle initial, last name)			
Inventor: Emmanuel Munguia-Tapia	Date:		
Signature:			

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

Title of SYSTEMS AND METHODS FOR DEVICE BASED AUTHENTICATION Invention)N	
As the undersigned inventor, I hereby declare that:		
This combined declaration and assignment is directed to: □United States application or PCT International application number_ filed on		
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 applica	ticm.	
I have reviewed and understand the contents of the application including the claims, for which this comb assignment is being submitted.	ined declaration and	
I am aware of the duty to disclose to the Office all information known to me to be material to patentability 1.56.	y as defined in 37 CFR	
WHEREAS, <u>Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129. Samsung Suwon-si. Gyconggi-do, Korea</u> (hereinafter referred to as "ASSIGNEE"), desires to acquire the entire rig said invention and to any patent that may be granted thereon in the United States and foreign countries;		
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, above-identified application and the invention disclosed therein in all countries, including all divisional applications, and corresponding priority applications including those to which priority is claimed under 0 Convention of Puris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents thereon, and all reissues thereof.	title and interest in the pplications, continuation be international	
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Kiran K. Rachuri Date:		
Signature:		
LEGAL NAME OF SECOND INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Vijay Srinivasan Date:		
Signature:	-	

LEGAL NAM	IE OF THIRD INVENTOR (e.g., full first name,	niddle initial, last name)	***************************************
Inventor:	Emmahud Munguia-Tapia	Date: 09/11/2014	<u> </u>
Signature:	Adamani.		
	Grand Control of the		
	7/		

RECORDED: 10/21/2019