504286779 03/23/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUNGSUNG KIM	03/17/2017
BYUNGIN YOO	03/17/2017
YOUNGJUN KWAK	03/17/2017
CHANG KYU CHOI	03/17/2017

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15467396

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NAME OF SUBMITTER: S. MAHMOOD AHMAD

SIGNATURE: /S. Mahmood Ahmad/

DATE SIGNED: 03/23/2017

Total Attachments: 2

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PATENT 504286779 REEL: 041703 FRAME: 0925

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I	hereby dea	clare that this declarati	on is directed to the application attached hereto
or to United States Application	n Number d	or PCT International Ap	plication Number
15/467,396	filed on	March 23, 2017	(if applicable), entitled:

METHOD AND APPARATUS FOR RECOGNIZING FACIAL EXPRESSION

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

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified 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 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 Republic of Korea

Number	15/467,396	filed on	March 23, 2017	······································	
identified in th	e above declaration	, which is United S	States Application N	lumber or PCT Internationa	al Application
interest throug	phout the world in th	ie inventions and i	mprovements that a	re the subject of the applic	ation
and its succes	ssors and assigns (collectively hereina	ifter called "the Assi	ignee"), the entire right, title	a, and

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Youngsung KIM		
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Inventor's Legal Name	Chang Kyu CHOI		
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