

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6382011

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MINSOO PARK	10/29/2020
CHANYUL KIM	10/29/2020
MINWOO PARK	10/29/2020
SEUNGSOO JEONG	10/29/2020
KIHO CHOI	10/29/2020
NARAE CHOI	10/29/2020
WOONGILL CHOI	10/29/2020
ANISH TAMSE	10/23/2020
YIN-JI PIAO	10/29/2020
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17052573
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<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>	
Phone:	202-293-7060
Email:	tyarborough@sughrue.com, sughrue@sughrue.com
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Address Line 1:	2000 PENNSYLVANIA AVENUE, N.W.
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ATTORNEY DOCKET NUMBER:	Q246586
NAME OF SUBMITTER:	TODD YARBOROUGH - TEAMS

PATENT

SIGNATURE:	/Todd Yarborough/
DATE SIGNED:	11/03/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Q246586ExecutedAssignmentwithDeclaration#page1.tif source=Q246586ExecutedAssignmentwithDeclaration#page2.tif source=Q246586ExecutedAssignmentwithDeclaration#page3.tif source=Q246586ExecutedAssignmentwithDeclaration#page4.tif source=Q246586ExecutedAssignmentwithDeclaration#page5.tif source=Q246586ExecutedAssignmentwithDeclaration#page6.tif	

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)

As the below named inventor, I hereby declare that:

This assignment with declaration is ☐ The attached application, or directed to:
☒ United States Application or PCT International Application Number PCT/KR2019/005662 filed on May 10, 2019.

The application is entitled:

IMAGE SEGMENTATION METHOD AND APPARATUS FOR IMAGE ENCODING AND DECODING

The above identified application was made or was 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 for which this assignment with declaration is being submitted.

I 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 1.56.

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

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any])	Minsoo
Family Name or Surname	PARK
Inventor's signature	Minsoo Park
Date	2020. 10. 29
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any])	Chanyul
Family Name or Surname	KIM
Inventor's signature	Chanyul
Date	2020. 10. 29
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any])	Minwoo
Family Name or Surname	PARK
Inventor's signature	Park, Min Woo
Date	Oct. 29. 2020
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any])	Seungsoo
Family Name or Surname	JEONG
Inventor's signature	Seungso Jeong
Date	Oct. 29. 2020
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any])	Kiho
Family Name or Surname	CHOI
Inventor's signature	키호
Date	2020. 10. 29
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	

NAME OF SIXTH INVENTOR:	
Given Name (first and middle [if any])	Narae
Family Name or Surname	CHOI
Inventor's signature	<i>Narae Choi</i>
Date	Oct. 29, 2020
Residence:	Suwon-si, Republic of Korea
Mailing Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any])	Woongil
Family Name or Surname	CHOI
Inventor's signature	<i>[Signature]</i>
Date	Oct. 29, 2020
Residence:	Suwon-si, Republic of Korea
Mailing Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
NAME OF EIGHTH INVENTOR:	
Given Name (first and middle [if any])	Anish
Family Name or Surname	TAMSE
Inventor's signature	
Date	
Residence:	Suwon-si, Republic of Korea
Mailing Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea
NAME OF NINTH INVENTOR:	
Given Name (first and middle [if any])	Yin-ji
Family Name or Surname	PLAO
Inventor's signature	<i>[Signature]</i>
Date	Oct. 29, 2020
Residence:	Suwon-si, Republic of Korea
Mailing Address:	129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

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As the below named inventor, I hereby declare that:

This assignment with declaration is The attached application, or
directed to:

United States Application or PCT International Application Number PCT/KR2019/005662
filed on May 10, 2019.

The application is entitled:

IMAGE SEGMENTATION METHOD AND APPARATUS FOR IMAGE ENCODING AND DECODING

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

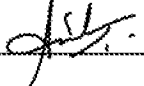
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I 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 1.56.

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NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any])	Minsoo
Family Name or Surname	PARK
Inventor's signature	Date
Residence: Suwon-si, Republic of Korea	
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF SECOND INVENTOR:	
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Family Name or Surname	KIM
Inventor's signature	Date
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NAME OF FOURTH INVENTOR:	
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Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
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Inventor's signature	Date
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Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	

NAME OF SIXTH INVENTOR:	
Given Name (first and middle [if any])	Narae
Family Name or Surname	CHOI
Inventor's signature	Date
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NAME OF SEVENTH INVENTOR:	
Given Name (first and middle [if any])	Woongil
Family Name or Surname	CHOI
Inventor's signature	Date
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Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea	
NAME OF EIGHTH INVENTOR:	
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NAME OF NINTH INVENTOR:	
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Inventor's signature	Date
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