

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	12/13/2017
RECEIVING PARTY DATA	
Name:	INTELLECTUAL DISCOVERY CO., LTD.
Street Address:	15TH FLOOR, 433, SEOLLEUNG-RO
Internal Address:	GANGNAM-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	06212
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17397851
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	60176-0436
NAME OF SUBMITTER:	ZHICHONG GU
SIGNATURE:	/ZhichongGu#56543/
DATE SIGNED:	08/23/2021
Total Attachments: 2	
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ASSIGNMENT

For valuable consideration,

ELECTRONICS AND TELECOMMUNICATIONS RESEARCH

INSTITUTE, an institute organized under the laws of the Republic of Korea, having an address at 218, Gajeong-ro, Yuseong-gu, Daejeon, 34129, Republic of Korea (hereinafter called "the Assignor") hereby assign to:

INTELLECTUAL DISCOVERY CO., LTD., a Republic of Korea corporation having principal executive offices or place of business at: 15th Floor, 433, Seolleung-ro, Gangnam-gu, Seoul, 06212, Republic of Korea; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of U.S. Patent Applications:

Application No.	Filing Date	Title
13/128,995	05/12/2011	APPARATUS AND METHOD FOR CODING/DECODING IMAGE SELECTIVLY USING DESCRETE COSINE/SINE TRANSFORM
14/045,511	10/03/2013	APPARATUS AND METHOD FOR CODING/DECODING IMAGE SELECTIVELY USING DISCRETE COSINE/SINE TRANSFORM
14/001,024	08/22/2013	METHOD FOR DETERMINING COLOR DIFFERENCE COMPONENT QUANTIZATION PARAMETER AND DEVICE USING THE METHOD
15/137,189	04/25/2016	METHOD FOR DETERMINING COLOR DIFFERENCE COMPONENT QUANTIZATION PARAMETER AND DEVICE USING THE METHOD
15/338,484	10/31/2016	METHOD FOR DETERMINING COLOR DIFFERENCE COMPONENT QUANTIZATION PARAMETER AND DEVICE USING THE METHOD
15/656,282	07/21/2017	METHOD FOR DETERMINING COLOR DIFFERENCE COMPONENT QUANTIZATION PARAMETER AND DEVICE USING THE METHOD

this Assignment includes said applications, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, any reissues, supplemental examinations, and reexaminations, and the right to claim priority based on the filing date of said applications 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 Assignor authorizes the Assignee to apply in all countries in

Assignor's name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and Assignor agrees for itself and its 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.

IN TESTIMONY/WITNESS WHEREOF, undersigned Assignor intending to be legally bound, has hereto affixed its signature by its duly authorized representative.

This 13th day of December, 2017



Signature of Representative

ELECTRONICS AND
TELECOMMUNICATIONS RESEARCH
INSTITUTE

Mm-shoo Choi

Printed Name of Representative

Director

Title