

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PAT1180736

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	04/12/2024
<b>RECEIVING PARTY DATA</b>	
<b>Company Name:</b>	Intellectual Discovery Co., Ltd.
<b>Street Address:</b>	7th Floor, 419, Teheran-ro, Gangnam-gu,
<b>City:</b>	Seoul
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	06160
<b>PROPERTY NUMBERS Total: 9</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16620545
Application Number:	18103570
Application Number:	16648470
Application Number:	18309934
Application Number:	16755962
Application Number:	17746000
Application Number:	18411146
Application Number:	16758121
Application Number:	18080193
<b>CORRESPONDENCE DATA</b>	
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<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	022128.0097
<b>NAME OF SUBMITTER:</b>	Isabelle Osborne

<b>SIGNATURE:</b>	Isabelle Osborne
<b>DATE SIGNED:</b>	04/22/2024
<b>Total Attachments: 2</b> source=ApplicantChange_0221760019C1_20240416LFCE_Executed Assignment_NSIP#page1.tif source=ApplicantChange_0221760019C1_20240416LFCE_Executed Assignment_NSIP#page2.tif	

**ASSIGNMENT**

For valuable consideration,

**ELECTRONICS AND TELECOMMUNICATIONS RESEARCH  
INSTITUTE**, a Republic of Korea corporation having principal executive offices or  
place of business at 218, Gajeong-ro, Yuseong-gu Daejeon, 34129 Republic of Korean  
(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: 7th Floor, 419, Teheran-ro, Gangnam-gu, Seoul  
06160, Republic of Korea: and

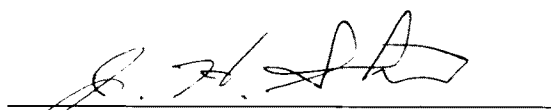
its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and  
interest throughout the world in the inventions and improvements which are subject of U.S. Patent  
Applications:

Application No.	Filing Date	Title
16/620,545	12/09/2019	VIDEO ENCODING/DECODING METHOD AND DEVICE, AND RECORDING MEDIUM STORING BIT STREAM
18/103,570	01/31/2023	VIDEO ENCODING/DECODING METHOD AND DEVICE, AND RECORDING MEDIUM STORING BIT STREAM
16/648,470	03/18/2020	METHOD AND DEVICE FOR ENCODING/DECODING IMAGE, AND RECORDING MEDIUM HAVING STORED BITSTREAM
18/309,934	05/01/2023	METHOD AND DEVICE FOR ENCODING/DECODING IMAGE, AND RECORDING MEDIUM HAVING STORED BITSTREAM
16/755,962	04/14/2020	IMAGE ENCODING/DECODING METHOD AND DEVICE, AND RECORDING MEDIUM HAVING BITSTREAM STORED THEREIN
17/746,000	05/17/2022	IMAGE ENCODING/DECODING METHOD AND DEVICE, AND RECORDING MEDIUM HAVING BITSTREAM STORED THEREIN
18/411,146	01/12/2024	IMAGE ENCODING/DECODING METHOD AND DEVICE, AND RECORDING MEDIUM HAVING BITSTREAM STORED THEREIN
16/758,121	04/22/2020	METHOD AND DEVICE FOR IMAGE ENCODING/DECODING ON BASIS OF ASYMMETRIC SUB-BLOCK
18/080,193	12/13/2022	METHOD AND DEVICE FOR IMAGE ENCODING/DECODING ON BASIS OF ASYMMETRIC SUB-BLOCK

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, 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 Assignors authorizes the Assignee to apply in all countries in Assignors' 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 Assignors 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 12th day of April, 2024



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Signature of Representative

Jung Hyuk Shin

Printed Name of Representative

Vice President

Title