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Patent Statement and Licensing Declaration
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This declaration does not represent an actual grant of a license

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Patent Holder:

Legal Name Kwangwoon University Industry - Academic Collaboration Foundation

Contact for license application:

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ITU-T Rec. (*)



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ISO/IEC Deliverable (*) (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(*)Number ITUT H.265 | ISO/IEC 23008-2

(*)Title High efficiency video coding

Licensing declaration:

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3. The Patent Holder is unwilling to grant licenses in accordance with provisions of either 1 or 2 above.

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Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))				
No.	Status [granted / pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Granted	CN	CN103384333B	Image encoder and decoder using unidirectional prediction
2	Granted	CN	CN104219523B	Image encoder and decoder using unidirectional prediction
3	Granted	JP	JP5620641	METHOD FOR DECODING MOVING IMAGE USING ADAPTIVE SCANNING
4	Granted	JP	JP5674752	CODING/DECODING APPARATUS FOR MOVING IMAGE USING ADAPTIVE SCAN
5	Granted	JP	JP5756537	METHOD FOR DECODING MOVING IMAGE USING ADAPTIVE SCANNING
6	Granted	KR	KR10-0882949	Apparatus and method of encoding and decoding using adaptive scanning of DCT coefficients according to the pixel similarity
7	Granted	KR	KR10-0927733	Apparatus and method for encoding and decoding using alternative converter according to the correlation of residual signal
8	Granted	KR	KR10-1095938	Apparatus and Method for Encoding and Decoding Moving Picture using Adaptive Scanning
9	Granted	KR	KR10-1356448	IMAGE DECODER USING UNIDIRECTIONAL PREDICTION
10	Granted	KR	KR10-1356653	Intra prediction process, method and apparatus for image encoding and decoding process using the intraprediction process
11	Granted	KR	KR10-1412176	IMAGE ENCODER USING UNIDIRECTIONAL PREDICTION

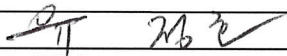
Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))				
No.	Status [granted / pending]	Country	Granted Patent Number or Application Number (if pending)	Title
12	Granted	KR	KR10-1461496	IMAGE ENCODING METHOD AND COMPUTER READABLE RECORDING MEDIUM USING UNIDIRECTIONAL PREDICTION
13	Granted	KR	KR10-1461497	IMAGE ENCODER AND DECODER USING UNIDIRECTIONAL PREDICTION
14	Granted	KR	KR10-1605852	IMAGE ENCODER AND DECODER USING UNIDIRECTIONAL PREDICTION
15	Granted	KR	KR10-1726274	METHOD AND APPARATUS FOR PARALLEL ENTROPY ENCODING/DECODING
16	Granted	KR	KR10-1726276	METHOD AND APPARATUS FOR PARALLEL ENTROPY ENCODING/DECODING
17	Granted	KR	KR10-1797055	METHOD AND APPARATUS FOR PARALLEL ENTROPY ENCODING/DECODING
18	Granted	KR	KR10-1894407	METHOD AND APPARATUS FOR PARALLEL ENTROPY ENCODING/DECODING
19	Granted	KR	KR10-1975254	METHOD AND APPARATUS FOR PARALLEL ENTROPY ENCODING/DECODING
20	Granted	US	US 10,178,393	Image encoder and decoder using unidirectional prediction
21	Granted	US	US 10,321,137	Image encoder and decoder using unidirectional prediction
22	Granted	US	US 8,867,854	Image encoder and decoder using unidirectional prediction
23	Granted	US	US 9,369,737	Image encoder and decoder using unidirectional prediction
24	Granted	US	US 9,407,937	Image encoder and decoder using unidirectional prediction

Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))				
No.	Status [granted / pending]	Country	Granted Patent Number or Application Number (if pending)	Title
25	Granted	US	US 9,942,554	Image encoder and decoder using unidirectional prediction
26	Granted	US	US8,520,729	Apparatus and method for encoding and decoding moving picture using adaptive scanning
27	Granted	US	US8,548,060	Apparatus for encoding and decoding image using adaptive DCT coefficient scanning based on pixel similarity and method therefor
28	Granted	US	US8,867,854	Image encoder and decoder using unidirectional prediction
29	Granted	US	US9,118,892	Apparatus and method for encoding and decoding moving picture using adaptive scanning
30	Granted	US	US9,154,784	Apparatus for encoding and decoding image using adaptive DCT coefficient scanning based on pixel similarity and method therefor
31	Granted	US	US9,225,982	Apparatus for encoding and decoding image using adaptive DCT coefficient scanning based on pixel similarity and method therefor
32	Granted	US	US9,736,484	Apparatus for encoding and decoding image using adaptive DCT coefficient scanning based on pixel similarity and method therefor
33	Granted	US	US9,819,942	Apparatus for encoding and decoding image using adaptive DCT coefficient scanning based on pixel similarity and method therefor
34	Granted	US	US9,838,714	Apparatus and method for encoding and decoding moving picture using adaptive scanning

☐ Check here if additional patent information is provided on additional pages.

NOTE: For option 3, the additional minimum information that shall also be provided is listed in the option 3 box above.

Signature (include on final page only):

Patent Holder	Kwangwoon University Industry - Academic Collaboration Foundation
Name of authorized person	Yu, Jung Ho
Title of authorized person	Dean
Signature	
Place, Date	20 August 2020

FORM version: 2 November 2018