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Patent Statement and Licensing Declaration
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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)

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Recommendation ITU-T H.265 | International Standard ISO/IEC 23008-2

(*)Title

High efficiency video coding

Licensing declaration:

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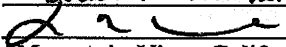
Patent Information (desired but not required for options 1 and 2; required in ITU, ISO and IEC for option 3 (NOTE))				
No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	Pending	BR	BR112014011150	Método de determinação de palavras de código binárias para coeficientes de transformada
2	Pending	BR	BR112014011155	Método de determinação de palavras de código binárias para coeficientes de transformada
3	Granted	CA	CA2527946	A method for restructuring a group of pictures to provide for random access into the group of pictures
4	Granted	CN	CN102150425	System and method for decoding using parallel processing
5	Granted	CN	CN102150427	System and method for video encoding using adaptive loop filter
6	Granted	CN	CN103918273	Method of determining binary codewords for transform coefficients
7	Granted	CN	CN103931197	Method of determining binary codewords for transform coefficients
8	Pending	CN	CN104012092	Method and apparatus for efficient transform unit encoding
9	Pending	CN	CN105027560	Method of determining binary codewords for transform coefficients
10	Granted	CN	CN105684448	Method and apparatus for the processing of efficient head
<input checked="" type="checkbox"/> 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.

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
11	Pending	CN	CN107995496	Method of determining binary codewords for transform coefficients
12	Granted	EP	EP1629416	A method for restructuring a group of pictures to provide for random access into the group of pictures
13	Granted	EP	EP2324638	System and method for video encoding using adaptive loop filter
14	Granted	EP	EP2324639	System and method for decoding using parallel processing
15	Granted	EP	EP2777279	Method of determining binary codewords for transform coefficients
16	Pending	EP	EP2862353	Method and apparatus for efficient slice header processing
17	Granted	JP	JP4723486	Re-structuring method of a group of pictures in order to provide random access to a group of pictures
18	Granted	JP	JP5396478	Being the manner which makes blocking arch fact decrease with
19	Granted	JP	JP5400888	Being the method of encoding the animated picture data which includes
20	Granted	KR	KR101057590	Pictures of the group into the random access to the image of the group to provide a reconstruction of how
21	Granted	KR	KR101538710	Temporal block merge mode
22	Granted	KR	KR101660605	Method of determining binary codewords for transform coefficients
23	Pending	KR	KR20130119469	Implicit transform unit representation
24	Pending	US	US20170280142	Object-based intra-prediction
25	Granted	US	US8175154	Method for restructuring a group of pictures to provide for random access into the group of pictures
26	Granted	US	US8311111	System and method for decoding using parallel processing
27	Granted	US	US8326075	System and method for video encoding using adaptive loop filter
28	Granted	US	US8437581	Method and system for interpolating fractional video pixels
29	Granted	US	US8478057	Image compression and decompression using block prediction
30	Granted	US	US8565558	Method and system for interpolating fractional video pixels
31	Granted	US	US8855437	Image compression and decompression using block 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
32	Granted	US	US8891617	Method and system for processing video data
33	Granted	US	US8897591	Method and apparatus for video coding using adaptive loop filter
34	Granted	US	US8929450	Temporal block merge mode
35	Granted	US	US8953690	Method and system for processing video data
36	Granted	US	US9036706	Fractional pixel interpolation filter for video compression
37	Granted	US	US9167245	Method of determining binary codewords for transform coefficients
38	Granted	US	US9210425	Signaling of temporal motion vector predictor (mvp) flag for temporal prediction
39	Granted	US	US9270988	Method of determining binary codewords for transform coefficients
40	Granted	US	US9319681	Signaling of temporal motion vector predictor (mvp) enable flag
41	Granted	US	US9350996	Method and apparatus for last coefficient indexing for high efficiency video coding
42	Granted	US	US9357223	System and method for decoding using parallel processing
43	Granted	US	US9380298	Object-based intra-prediction
44	Granted	US	US9380319	Implicit transform unit representation
45	Granted	US	US9392235	Explicit way for signaling a collocated reference picture for video coding
46	Granted	US	US9544587	Scalable video coding with enhanced base layer
47	Granted	US	US9549176	Devices and methods for signaling sample adaptive offset (sao) parameters
48	Granted	US	US9549177	Evaluation of signaling of collocated reference picture for temporal prediction
49	Granted	US	US9635358	Method of determining binary codewords for transform coefficients
50	Granted	US	US9641835	Method of determining binary codewords for transform coefficients
51	Granted	US	US9693066	Object-based intra-prediction
52	Granted	US	US9800869	Method and apparatus for efficient slice header processing

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
53	Granted	US	US9838685	Method and apparatus for efficient slice header processing
54	Granted	US	US9866850	Method of determining binary codewords for transform coefficients
55	Granted	US	US9872034	Devices and methods for signaling sample adaptive offset (sao) parameters
56	Granted	US	US10003793	Processing of pulse code modulation (pcm) parameters
57	Granted	US	US10230986	System and method for decoding using parallel processing
58	Granted	US	US10284851	Method of determining binary codewords for transform coefficients

Signature (include on final page only):	
Patent Holder	Google LLC
Name of authorized person	Sarah Guichard
Title of authorized person	Lead Transaction
Signature	
Place, Date	Mountain View, California, USA 9/4/2019

FORM version: 2 November 2018