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Switzerland
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Patent Holder:

Legal Name	THOMSON LICENSING

Contact for license application:

Name & Department	David W. Herring Director, Licensing and Patent Strategy, Intellectual Property & Licensing
Address	Suite 303 4 Research Way Princeton, NJ 08540 U.S.A.
Tel.	
Fax	
E-mail	david.herring@technicolor.com
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☐ **ISO/IEC Deliverable (*)** (for ISO/IEC Deliverables, please return the form to both ISO and IEC)

(*)Number	ITU-T H.265
(*)Title	SERIES H: AUDIOVISUAL AND MULTIMEDIA SYSTEMS - Infrastructure of audiovisual services – Coding of moving video – High efficiency video coding

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
1	GRANTED	EP	EP2041983	COLOR BIT DEPTH PREDICTION BASED ON SMOOTHED HISTOGRAM
2	GRANTED	EP	EP2090108	INTER-LAYER PREDICTION ORDER OF SPATIAL AND COLOR BIT DEPTH SCALABILITY
3	GRANTED	EP	EP1540824	MOTION ESTIMATION WITH WEIGHTING PREDICTION
4	GRANTED	EP	EP1552692	ADAPTIVE WEIGHTING OF REFERENCE PICTURES IN VIDEO CODEC
5	GRANTED	EP	EP1540952	ADAPTIVE WEIGHTING OF REFERENCE PICTURES IN VIDEO CODEC
6	GRANTED	EP	EP1634460	LOW-COMPLEXITY SPACIAL SCALABLE CODEC
7	GRANTED	EP	EP1661089	METHOD ALLOWING AUTOMATIC FILM GRAIN MODELING IN THE FREQUENCY DOMAIN
8	GRANTED	EP	EP1790168	A NEW WEIGHTED PREDICTION CODING METHOD TO HANDLE LOCAL BRIGHTNESS VARIATION
9	GRANTED	EP	EP1815324	BIT ACCURATE SEED INITIALIZATION FOR PSEUDO-RANDOM NUMBER GENERATORS USED IN HD DVD SYSTEMS
10	GRANTED	EP	EP1812904	FILM GRAIN SIMULATION METHOD BASED ON PRE-COMPUTED TRANSFORMED COEFFICIENTS

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
11	GRANTED	EP	EP1815688	LOW COMPLEXITY FILM GRAIN SIMULATION METHOD BASED ON THE GENERATION OF A BLOCK OF TRANSFORMED COEFFICIENTS
12	GRANTED	EP	US8363724	MANAGEMENT OF VIRTUAL REFERENCE PICTURES IN VIDEO ENCODER/DECODER
13	GRANTED	US	EP2055108	METHOD AND APPARATUS FOR REDUCED RESOLUTION FRAME PARTITIONING EXTENSION FOR VIDEO CODING
14	GRANTED	US	US8948256	REFERENCE PICTURE LIST MANAGEMENT FOR MVC
15	GRANTED	US	US8970636	SYSTEM AND APPARATUS FOR COLOR CORRECTING WITH THE GOAL OF MATCHING COLORS ON DISPLAYS WITH AVERAGE PICTURE DEPENDENCY WITH DISPLAYS WITHOUT AVERAGE PICTURE DEPENDENCY, AND FOR ALLOWING PREDICTABLE CREATIVE DFFERENCES BETWEEN THE TWO
16	GRANTED	US	US9066075	DEPTH MAP CODING METHODS USING DISTORTION OPTIMIZED MODE SELECTION
17	GRANTED	US	US9294784	REGION BASED FILTER PARAMETER ADAPTION FOR DE-ARTIFACTING FILTER
18	GRANTED	US	US9510009	ADAPTIVE MOTION VECTOR COMPETITION
19	PENDING	EP	EP16305383.8	PROCESSING WINDOW NESTING SEI MESSAGE
20	PENDING	PCT	PCT/US10/001286	NAL UNIT DESIGN FOR 3DV FORMATS

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	**Status** [granted/ pending]	**Country**	**Granted Patent Number or Application Number (if pending)**	**Title**
21	PENDING	PCT	PCT/US10/001291	REFERENCE PICTURE LIST INITIALIZATION FOR 3DV LAYER ENCODED/DECODER
22	PENDING	EP	EP17152220.4	MULTIVIEW INFORMATION SEI MESSAGE
23	PENDING	EP	EP06791179.2	LOCALIZED POLYNOMIAL APPROXIMATION FOR COLOR BIT DEPTH PREDICTION
24	PENDING	EP	EP09787888.8	MULTI-THREADED MPEG DECODER
25	PENDING	EP	EP13770846.7	HISTOGRAM MATCHING FOR MULTI-VIEW PREDICTION
26	PENDING	EP	EP14705142.9	FLEXIBLE STREAM SWITCHING
27	PENDING	EP	EP14739393.8	COLOUR MAPPING SEI MESSAGE
28	PENDING	EP	EP15706769.5	MASTERING DISPLAY ELECTRO-OPTICAL TRANSFER FUNCTION SIGNALING
29	PENDING	EP	EP15728801.0	HDR FORMAT SIGNALING IN DUAL MODULATION VIDEO CODING
30	PENDING	EP	EP04749583.3	APPARATUS FOR REPRESENTING SIGNAL-DEPENDENT FILM GRAIN NOISE BY A SET OF PARAMETERS
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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
31	PENDING	EP	EP04776753.8	LOW-COMPLEXITY SPACIAL SCALABLE CODEC
32	PENDING	EP	EP05806780.2	FILM GRAIN SIMULATION METHOD FOR HD DVD SYSTEMS
33	PENDING	EP	EP07810285.2	CONSISTENT FRAME NUM AND POC DISIGN FOR MVC
34	PENDING	EP	EP07852689.4	METHOD FOR LOCAL ILLUMINATION AND COLOR COMPENSATION WITHOUT EXPLICIT SIGNALING
35	PENDING	EP	EP07810286.0	CONSISTENT FRAME NUM AND POC DISIGN FOR MVC
36	PENDING	EP	EP07870824.5	AN IN-LOOP DE-ARTIFACT FILTER
37	PENDING	EP	EP08705571.1	NEW SYNTAX FOR CODED BLOCK FLAG FOR THE HIGH 4:4:4 INTRA AND HIGH 4:4:4 PREDICTIVE PROFILES IN AVC/2.64
38	PENDING	EP	EP08727011.2	VIDEO USER INFORMATION FOR SCALABLE VIDEO CODIING
39	PENDING	EP	EP08742877.7	HYPOTHETICAL REFERENCE DECODER FOR MULTIVIEW VIDEO CODING
40	PENDING	EP	EP08743214.2	INTERVIEW PREDICTION WITH DIFFERENT RESOLUTION REFERENCE PICTURE

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
41	PENDING	EP	EP08794873.3	MOTION SKIP MODE WITH MULTIPLE INTER-VIEW REFERENCE PICTURE
42	PENDING	EP	EP08838196.7	VIDEO USER INFORMATION FOR MULTI-VIEW VIDEO CODING
43	PENDING	EP	EP07852696.9	METHOD FOR LOCAL ILLUMINATION AND COLOR COMPENSATION WITHOUT EXPLICIT SIGNALING
44	PENDING	EP	EP09736045.7	INTER-VIEW SKIP MODE WITH DEPTH
45	PENDING	EP	EP08794375.9	SINGLE LOOP DECODING FOR MVC
46	PENDING	EP	EP08837725.4	VIDEO USER INFORMATION FOR MULTI-VIEW VIDEO CODING
47	PENDING	EP	EP10701751.9	EXTENSION ON SPATIAL INTERLEAVING SEI MESSAGE
48	PENDING	EP	EP10707992.3	EXTENSION ON SEI MESSAGE IN SVC/MVC FOR 3DV FORMATS
49	PENDING	EP	EP10743255.1	SPATIALLY VARYING TECHNIQUES FOR RRESIDUE CODING AND ASSOCIATED FILTERING METHODS
50	PENDING	EP	EP10743254.4	SIGNALING OF INTRA PREDICTION FOR SUPERBLOCK

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	**Status** [granted/ pending]	**Country**	**Granted Patent Number or Application Number (if pending)**	**Title**
51	PENDING	EP	EP10730587.2	ADAPTIVE TREE SELECTION AND TREE-NODE TRANSFORMATION FOR ENCODIDNG BINARY SETS
52	PENDING	EP	EP10737649.3	COLLABORATAIVE PARTITION CODING FOR REGION BASED FILTERS
53	PENDING	EP	EP10760462.1	IMPROVED INTRA CHROMA CODING
54	PENDING	EP	EP10776445.8	A NEW DC MODE FOR INTRA PREDICTION
55	PENDING	EP	EP10725298.3	EXTEND SPS FOR 3DV SEQUENCES
56	PENDING	EP	EP11725543.0	UNIFIED SIGNIFICANCE MAP CODING IN VIDEO CODING AND DECODING
57	PENDING	EP	EP11725545.5	PARTITION-BASED INTRA BLOCK CODING
58	PENDING	EP	EP11727593.3	PREDICTIVE QP CODING WITH MULTIPLE PREDICTORS IN VIDEO CODING AND DECODING
59	PENDING	EP	EP11770644.0	ENTROPY CODING METHOD FOR THE TRANSFORM COEFFICIENTS IN VIDEO CODING
60	PENDING	EP	EP12701650.9	GEOMETRIC-BASED INTRA PREDICTION
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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))

No.	Status [granted/ pending]	Country	Granted Patent Number or Application Number (if pending)	Title
61	PENDING	EP	EP04783594.7	A METHOD FOR SIMULATING FILM GRAIN BY MOSAICING A SERIES OF PRE-COMPUTED SAMPLES
62	PENDING	EP	EP04784705.8	EFFICIENT IMPLEMENTATION OF A METHOD FOR SIMULATING FILM GRAIN USING FREQUENCY FILTERING
63	PENDING	EP	EP04794941.7	EFFICIENT IMPLEMENTATION OF FILM GRAIN SIMULATION AND COMFORT NOISE ADDITION
64	PENDING	EP	EP05813106.1	ADAPTIVE DEBLOCKING OF BLOCK-BASED FILM GRAIN PATTERNS
65	PENDING	EP	EP10159675.7	FILM GRAIN SIMULATION METHOD FOR NORMAL PLAY AND TRICK MODES FOR HD DVD SYSTEMS
66	PENDING	EP	EP06825326.9	FMO AND ROI SCALABILITY FOR SCALABLE VIDEO CODING
67	PENDING	EP	EP10170452.6	MULTI-VIEW VIDEO CODING SCHEME BASED ON H.264/AVC
68	PENDING	EP	EP06738487.5	PERFORMANCE IMPROVED 4:4:4 CODING FOR MPEG4-PART10/H.264
69	PENDING	EP	EP12151708.0	MULTI-VIEW VIDEO CODING SCHEME BASED ON H.264/AVC
70	PENDING	EP	EP13164580.6	METHOD AND APPARATUS FOR SIGNALING VIEW SCALIBILITY IN MULTI-VIEW VIDEO

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Patent Information (desired but not required for options 1 and 2; required in ITU for option 3 (NOTE))				
No.	**Status** [granted/ pending]	**Country**	**Granted Patent Number or Application Number (if pending)**	**Title**
71	PENDING	EP	EP11188626.3	IMPROVED SIGNALING FOR SEQUENCE PARAMETER SET FOR MULTIVIEW VIDEO CODING
72	PENDING	EP	EP15185858.6	COMBINATION OF SEVERAL TRANSFORMS AND TRANSFORM SELECTION IN VIDEO CODING
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Signature (include on final page only):	
Patent Holder	**THOMSON LICENSING**
Name of authorized person	**David W. Herring**
Title of authorized person	**Director, Licensing and Patent Strategy**
Signature	
Place, Date	**Princeton, NJ, February 5, 2017**

FORM: 26 June 2015