



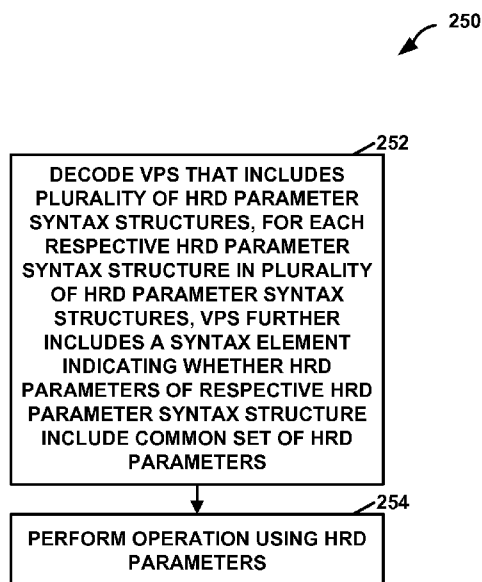
- (51) International Patent Classification:
H04N 7/26 (2006.01)
- (21) International Application Number:
PCT/US2013/060906
- (22) International Filing Date:
20 September 2013 (20.09.2013)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
61/711,098 8 October 2012 (08.10.2012) US
13/954,712 30 July 2013 (30.07.2013) US
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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

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(54) Title: HYPOTHETICAL REFERENCE DECODER PARAMETER SYNTAX STRUCTURE



(57) Abstract: A video encoder signals, in an encoded video bitstream, a video parameter set (VPS) that includes a plurality of Hypothetical Reference Decoder (HRD) parameter syntax structures that each include HRD parameters. For each respective HRD parameter syntax structure in the plurality of HRD parameter syntax structures, the VPS further includes a syntax element indicating whether the HRD parameters of the respective HRD parameter syntax structure include a common set of HRD parameters in addition to a set of sub-layer-specific HRD parameter information specific to a particular sub-layer of the encoded video bitstream. The common set of HRD parameters is common to all sub-layers of the encoded video bitstream. A video decoder or other device decodes, from the encoded video bitstream, the VPS and performs an operation using the HRD parameters of at least one of the HRD parameter syntax structures.

FIG. 5

**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*