

WHAT IS CLAIMED IS:

1. A method of video processing, comprising:
performing a conversion, according to a rule, between a current slice of a current picture of a video and a bitstream of the video,
wherein the rule specifies that a value of a first syntax element of a picture parameter set (PPS) and a value of a second syntax element of the PPS control whether a third syntax element is included in the bitstream, and
wherein the first syntax element indicates whether a weighted prediction is enabled for bi-directional slices (B slices) of coded pictures in the bitstream referring to the PPS, the second syntax element indicates whether information related to the weighted prediction is present in picture headers or slice headers of coded pictures referring to the PPS, and the third syntax element indicates a number of weights associated with a reference picture list 1 of the current slice.
2. The method of claim 1, wherein the first syntax element is `pps_weighted_bipred_flag`, the second syntax element is `wp_info_in_ph_flag`, and the third syntax element is `num_l1_weights`.
3. The method of claim 1 or 2, wherein the first syntax element equaling zero indicates that the weighted prediction is disabled for B slices of the coded pictures referring to the PPS.
4. The method of claim 1 or 2, wherein the first syntax element equaling one indicates that the weighted prediction is enabled for B slices of the coded pictures referring to the PPS.
5. The method of claim 1 or 2, wherein the first syntax element is equal to zero when a fourth syntax element, which is included in a sequence parameter set (SPS), is equal to zero.
6. The method of claim 5, wherein the fourth syntax element is `sps_weighted_bipred_flag`.
7. The method of claim 1 or 2, wherein the first syntax element equaling zero indicates that the number of weights associated with the reference picture list 1 are not included in the slice header of the current slice.

8. The method of claim 1 or 2, wherein the first syntax element equaling one and the second syntax element equaling one indicates that the number of weights associated with the reference picture list 1 are included in the slice header of the current slice.
9. The method of any of claims 1 to 8, wherein the conversion comprises decoding the video from the bitstream.
10. The method of any of claims 1 to 8, wherein the conversion comprises encoding the video into the bitstream.
11. A method of storing a bitstream representing a video to a computer-readable recording medium, comprising:
 - generating the bitstream from the video according to a method described in any one or more of claims 1 to 8; and
 - storing the bitstream in the computer-readable recording medium.
12. A video processing apparatus comprising a processor configured to implement a method recited in any one or more of claims 1 to 11.
13. A computer-readable medium having instructions stored thereon, the instructions, when executed, causing a processor to implement a method recited in one or more of claims 1 to 11.
14. A computer readable medium that stores the bitstream generated according to any one or more of claims 1 to 11.
15. A video processing apparatus for storing a bitstream, wherein the video processing apparatus is configured to implement a method recited in any one or more of claims 1 to 11.