

WHAT IS CLAIMED:

1. An apparatus for coding video, comprising:
circuitry to access reference motion data associated with at least one reference layer picture, the reference layer picture comprising one of a plurality of pictures of a first layer of multi-layer video content, the decoder circuitry to perform inter-layer prediction for a current picture based at least in part on the reference motion data, wherein the current picture comprises one of a plurality of pictures of a second layer of the multi-layer video content, wherein the second layer is different than the first layer, wherein the first layer comprises an enhancement layer, and wherein the second layer comprises a base layer.
2. The apparatus of claim 1, wherein the circuitry is to perform inter-layer prediction for the current picture in response to a bitstream flag conveyed to the decoder circuitry in a bitstream syntax associated with the multi-layer video content.
3. The apparatus of claim 1, wherein the reference motion data comprises at least motion vectors, and reference indices.
4. The apparatus of claim 1, further comprising memory to store at least one of the reference layer picture or the reference motion data.
5. The apparatus of claim 1, wherein the circuitry comprises at least one of video decoder circuitry or video encoder circuitry.

6. The apparatus of claim 1, the circuitry further to determine a collocated block of the reference layer picture associated with a block of the second layer.
7. The apparatus of claim 1, the circuitry further to apply a scaling factor to at least one motion vector of the reference motion data prior, wherein the scaling factor comprises at least one of a pre-defined scaling factor or an adaptive scaling factor.
8. A system comprising the apparatus of any of claims 1-7, and further comprising at least one of a display to display the multi-layer video content, or an antenna to receive a bitstream conveying the multi-layer video content.
9. A method of video coding comprising:

accessing reference motion data associated with at least one reference layer picture, the reference layer picture comprising one of a plurality of pictures of a first layer of multi-layer video content, wherein the first layer comprises an enhancement layer; and

performing inter-layer prediction for a current picture based at least in part on the reference motion data, wherein the current picture comprises one of a plurality of pictures of a second layer of the multi-layer video content, wherein the second layer is different than the first layer, and wherein the second layer comprises a base layer.
10. The method of claim 9, wherein performing inter-layer prediction for the current picture comprises performing inter-layer prediction for the current picture in response to a bitstream flag conveyed in a bitstream syntax associated with the multi-layer video content.

11. The method of claim 9, wherein the reference motion data comprises at least motion vectors, and reference indices.
12. The method of claim 9, further comprising storing at least one of the reference layer picture or the reference motion data.
13. The method of claim 9, further comprising determining a collocated block of the reference layer picture associated with a block of the second layer.
14. The method of claim 9, further comprising applying a scaling factor to at least one motion vector of the reference motion data prior, wherein the scaling factor comprises at least one of a pre-defined scaling factor or an adaptive scaling factor.
15. At least one machine-readable medium including code, when executed, to cause a machine to perform the method of any one of claims 9-14.
16. An apparatus for performing video coding comprising means to perform a method as claimed in any of claims 9-14.