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(54) Title: TILE GROUPS FOR FLEXIBLE TILING IN VIDEO CODING

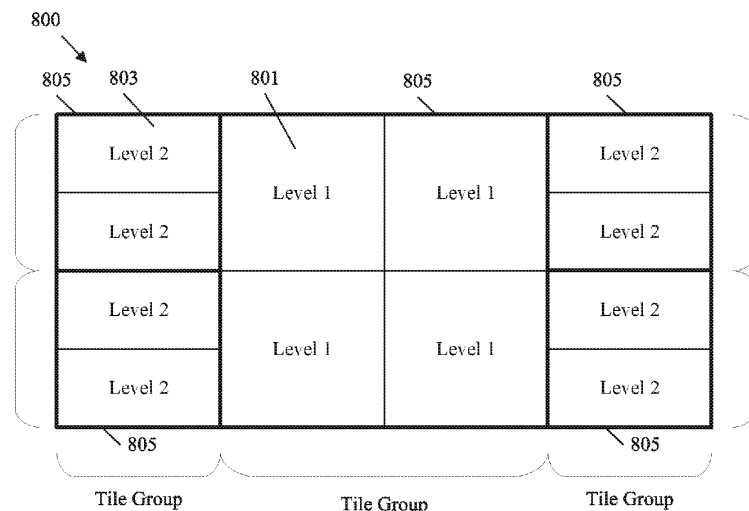


FIG. 8C

(57) Abstract: A video coding mechanism is disclosed. The mechanism includes partitioning a picture into a plurality of first level tiles. A subset of the first level tiles is partitioned into a plurality of second level tiles. The first level tiles and the second level tiles are assigned into one or more tile groups such that all second level tiles created from a single first level tile are assigned to a same tile group. The first level tiles and the second level tiles are encoded into a bitstream. The bitstream is stored for communication toward a decoder.

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