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(54) Title: VECTOR PACK AND UNPACK INSTRUCTIONS

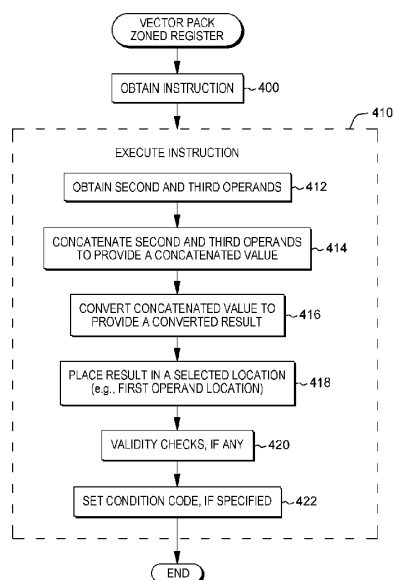


FIG. 4

(57) Abstract: Vector pack and unpack instructions are described. An instruction to perform a conversion between one decimal format and another decimal format is executed, in which the one decimal format or the other decimal format is a zoned decimal format. The executing includes obtaining a value from at least one register specified using the instruction. At least a portion of the value is converted from the one decimal format to the other decimal format different from the one decimal format to provide a converted result. A result obtained from the converted result is written into a single register specified using the instruction.

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