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(54) Title: DECIMAL MULTIPLY AND SHIFT INSTRUCTION

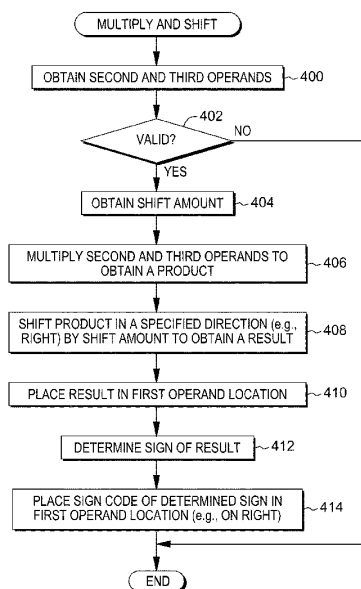


FIG. 4

(57) Abstract: An instruction to perform a multiply and shift operation is executed. The executing includes multiplying a first value and a second value obtained by the instruction to obtain a product. The product is shifted in a specified direction by a user-defined selected amount to provide a result, and the result is placed in a selected location. The result is to be used in processing within the computing environment.

WO 2018/060041 A1

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