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(54) **Title:** VECTOR CONVERT HEXADECIMAL FLOATING POINT TO SCALED DECIMAL INSTRUCTION

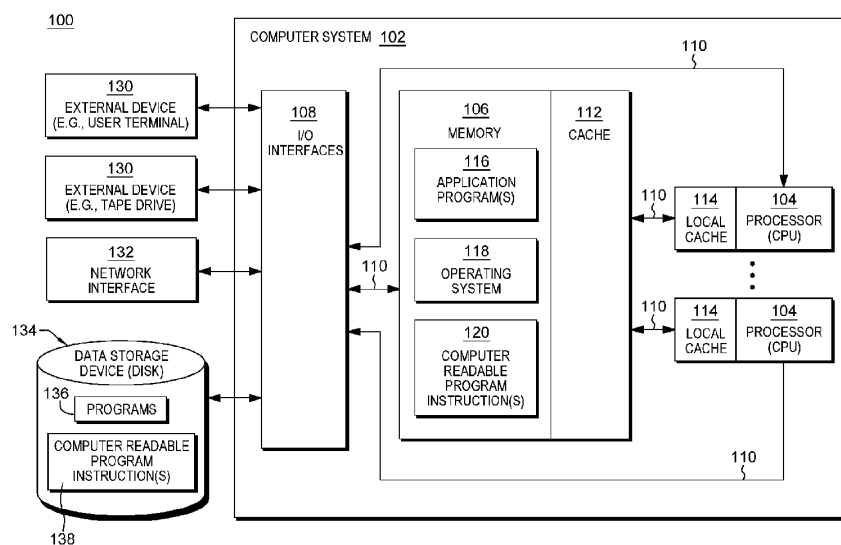


FIG. 1A

(57) **Abstract:** An instruction to perform converting and scaling operations is provided. Execution of the instruction includes converting an input value in one format to provide a converted result in another format. The converted result is scaled to provide a scaled result. A result obtained from the scaled result is placed in a selected location. Further, an instruction to perform scaling and converting operations is provided. Execution of the instruction includes scaling an input value in one format to provide a scaled result and converting the scaled result from the one format to provide a converted result in another format. A result obtained from the converted result is placed in a selected location.

[Continued on next page]

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