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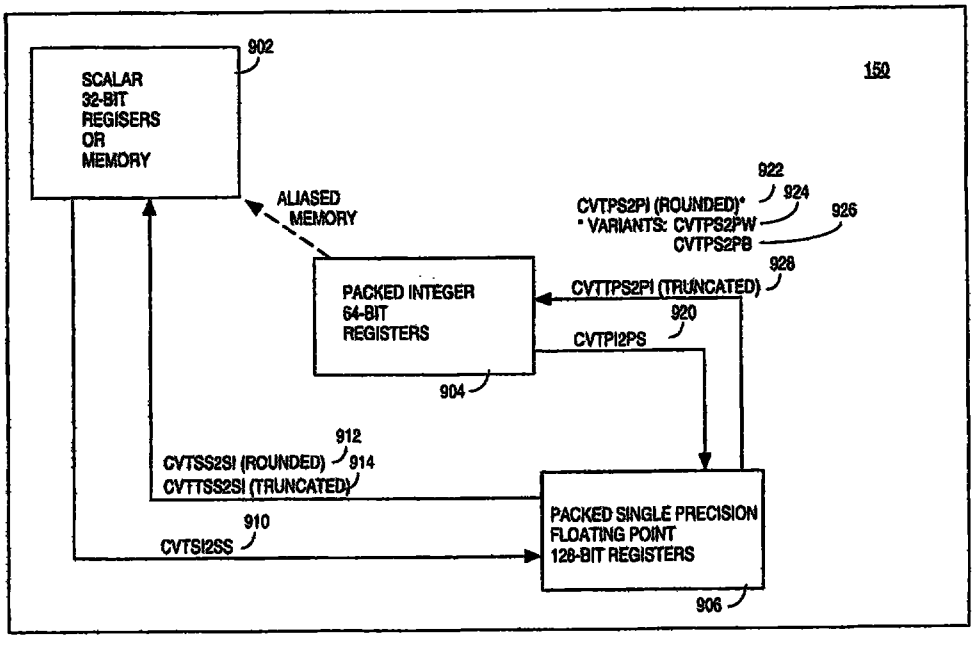
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(54) Title: A METHOD AND APPARATUS FOR PARALLEL CONVERSION OF COLOR VALUES FROM A SINGLE PRECISION FLOATING POINT FORMAT TO AN INTEGER FORMAT



(57) Abstract

A method and apparatus for parallel processing of graphics data are described. A number of color components are stored in a floating point format in at least one register of a set of 128-bit registers in a packed format. The color components in the floating point format are converted to numbers in an integer format. The numbers in the integer format are placed in at least one register of a set of 64-bit registers in the packed format. Color components are assembled for image pixels from the numbers in the integer format.