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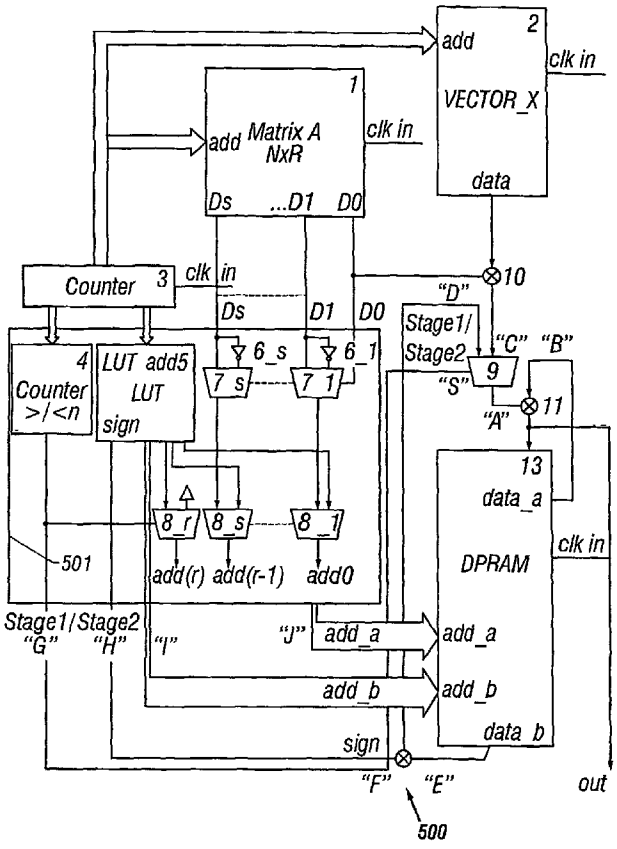
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(54) Title: METHOD AND APPARATUS FOR EFFECTIVELY PERFORMING LINEAR TRANSFORMATIONS



(57) Abstract: An improved method and apparatus for performing linear transformations, with reduced number of arithmetic operations, simplified circuitry, and low power consumption. The method performs complex U-transformation which appear in CDMA applications. The apparatus allows for simultaneous analysis of an incoming signal in different spreading factors.

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