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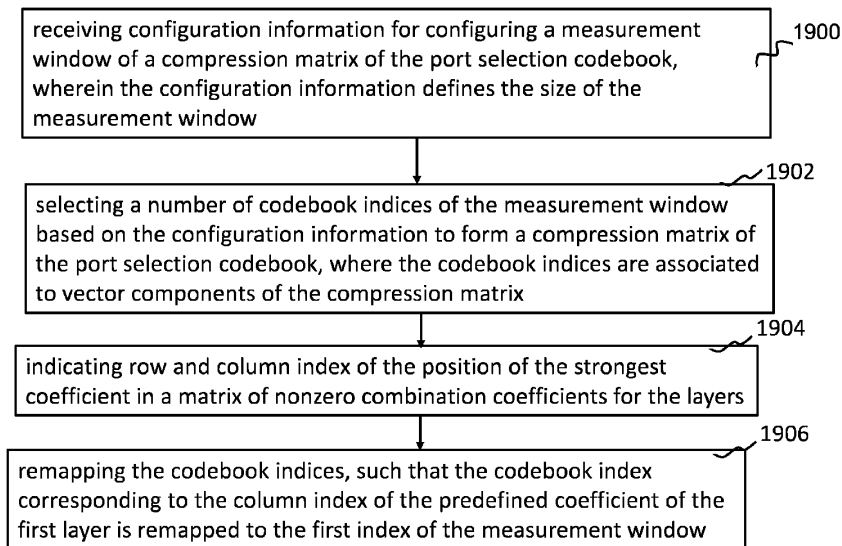


Fig. 19

(57) **Abstract:** Method and apparatus for providing channel state information report, comprising: receiving configuration information for configuring a measurement window to form a compression matrix of a port selection codebook from a codebook set of vector components, wherein the configuration information defines the size of the measurement window, which is common to all of at least one layer to be reported; selecting a number of indices of the measurement window based on the configuration information to form the compression matrix from the codebook set of vector components; and remapping the selected indices, associated to vector components of the compression matrix, with respect to an index of a reference vector component, such that the index of the reference vector component is remapped to a first index of the measurement window; reporting channel state information including precoding matrix indicator to a network, the precoding matrix indicator comprising information of the compression matrix after remapping.

[Continued on next page]

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