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(54) **PREPARING CSI USING A SET OF ZERO AMPLITUDE PARAMETERS**

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(71) Applicant: **Motorola Mobility LLC**, Chicago, IL (US)

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(72) Inventors: **Udar Mittal**, Rolling Meadows, IL (US); **Tyler Brown**, Lake Zurich, IL (US); **Khalid Zeineddine**, Evanston, IL (US); **Jiho Song**, Ulsan (KR)

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ABSTRACT

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Apparatuses, methods, and systems are disclosed for preparing CSI. One apparatus includes a processor and a memory with instructions executable by the processor to cause the apparatus to determine a total number of non-zero coefficients associated with a CSI codebook over a set of transmission layers and encode an indication of the total number of non-zero coefficients by selecting a codeword from a plurality of candidate codewords in which the selected codeword identifies the total number of non-zero coefficients. The instructions are executable by the processor to prepare CSI based on the CSI codebook and to transmit the CSI to a base station unit, where the CSI codebook includes a plurality of precoding matrices, and where the CSI includes the selected codeword.

Related U.S. Application Data

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