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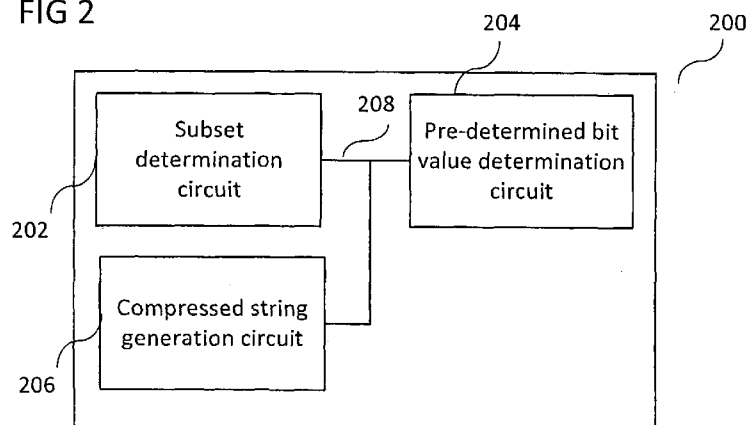
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(54) **Title:** COMPRESSION DEVICES, DECOMPRESSION DEVICES, COMPRESSION METHODS, AND DECOMPRESSION METHODS

FIG 2



(57) **Abstract:** A compression device which may include: a subset determination circuit configured to determine a subset of a transmission indication map, the transmission indication map including a plurality of bits, each bit indicating whether data to be transmitted to a respective pre-determined radio communication terminal is present in an access point; a pre-determined bit value determination circuit configured to determine whether the subset includes a bit of a pre-determined bit value; and a compressed string generation circuit configured to insert, if the subset includes a bit of the pre-determined bit value, into a compressed string an indicator indicating that the subset includes a bit of the pre-determined bit value and the subset further configured to include, if the subset does not include a bit of the pre-determined bit value, into the compressed string an indicator indicating that the subset does not include a bit of the pre-determined bit value.

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