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(54) **RANDOM ACCESS FOR WIRELESS COMMUNICATION**

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(57) **ABSTRACT**

Techniques for sending messages for system access are described. In one aspect, a user equipment (UE) sends a first message with power headroom and/or buffer size information for system access. A Node B determines at least one parameter (e.g., a resource grant, power control information, etc.) based on the power headroom and/or buffer size information. The Node B sends a second message with the parameter(s). The UE sends a third message based on the resource grant, with transmit power determined based on the power control information, etc. In another aspect, the UE sends a radio environment report in the third message. The report may be used to select a cell and/or a frequency for the UE. In yet another aspect, the second message includes power control information, and the UE sends the third message based on the power control information.

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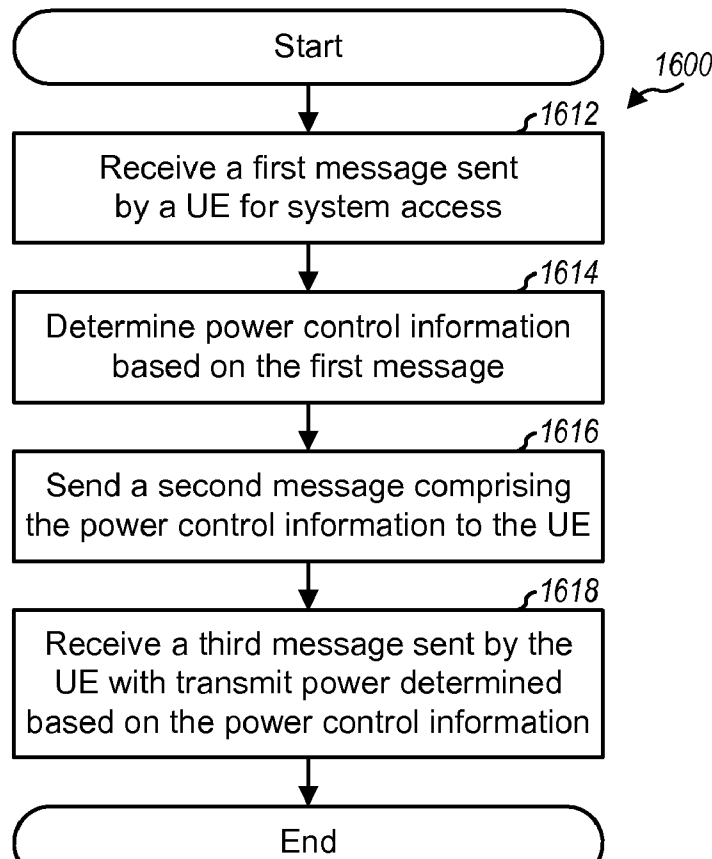
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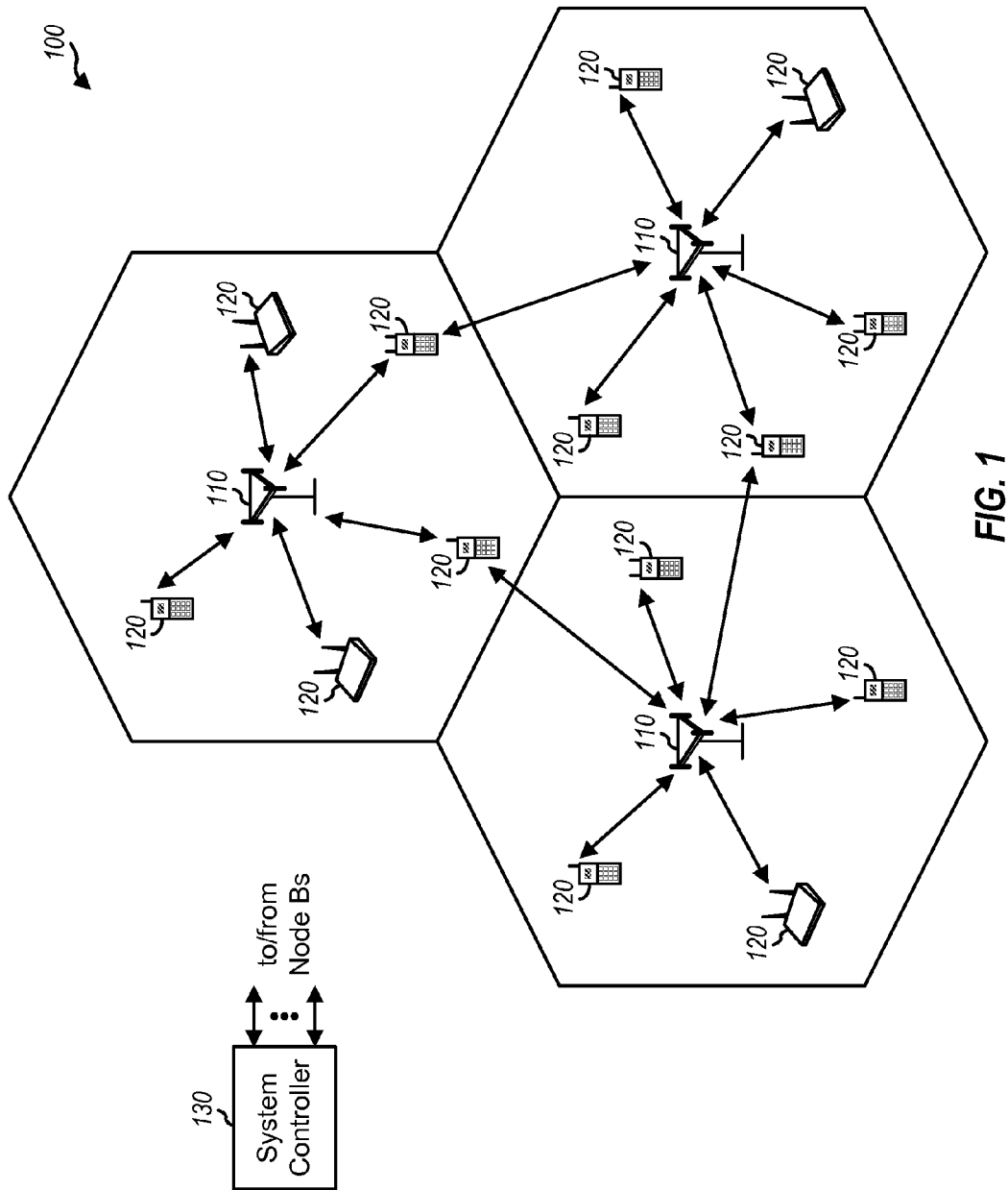


FIG. 1



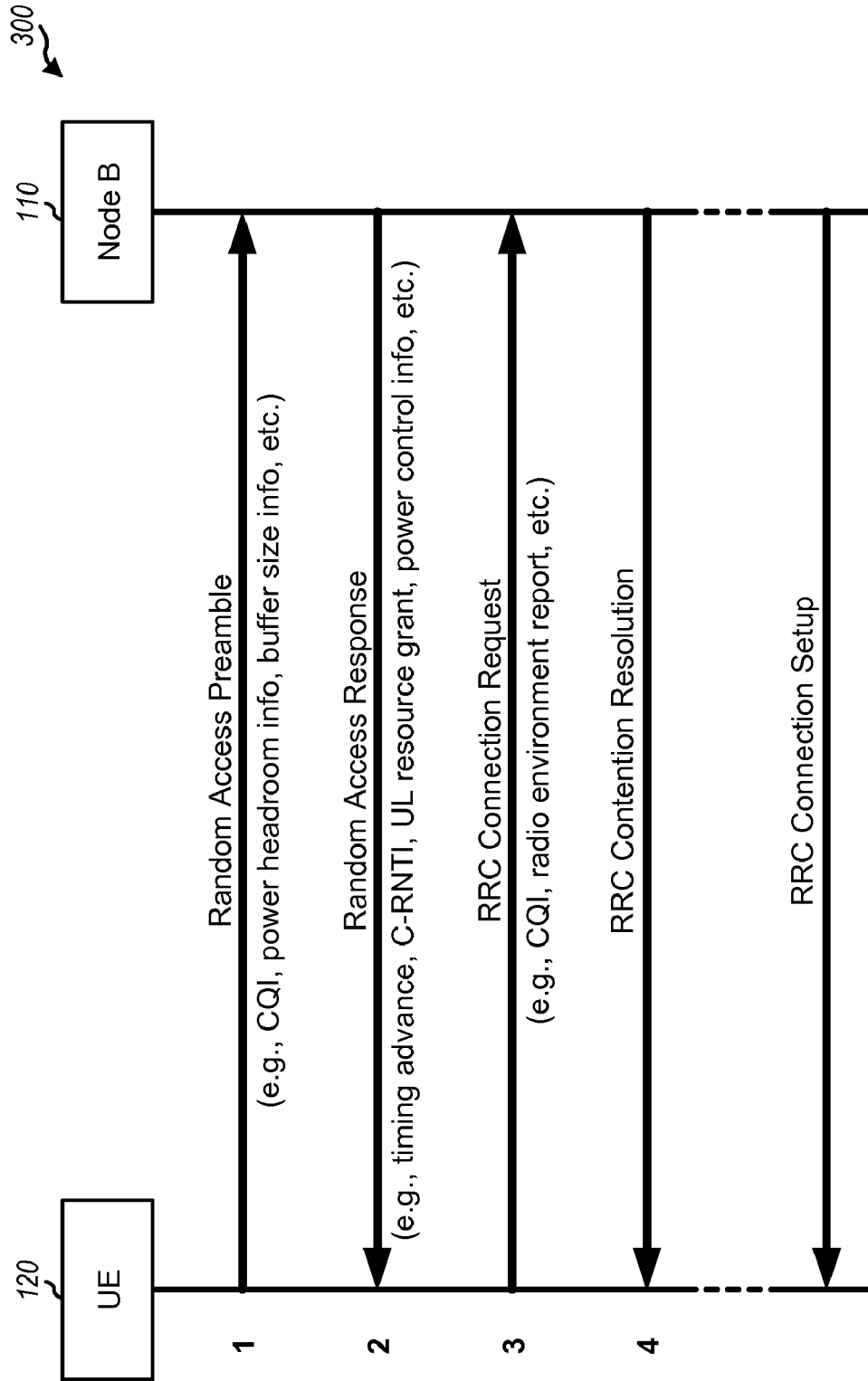


FIG. 3

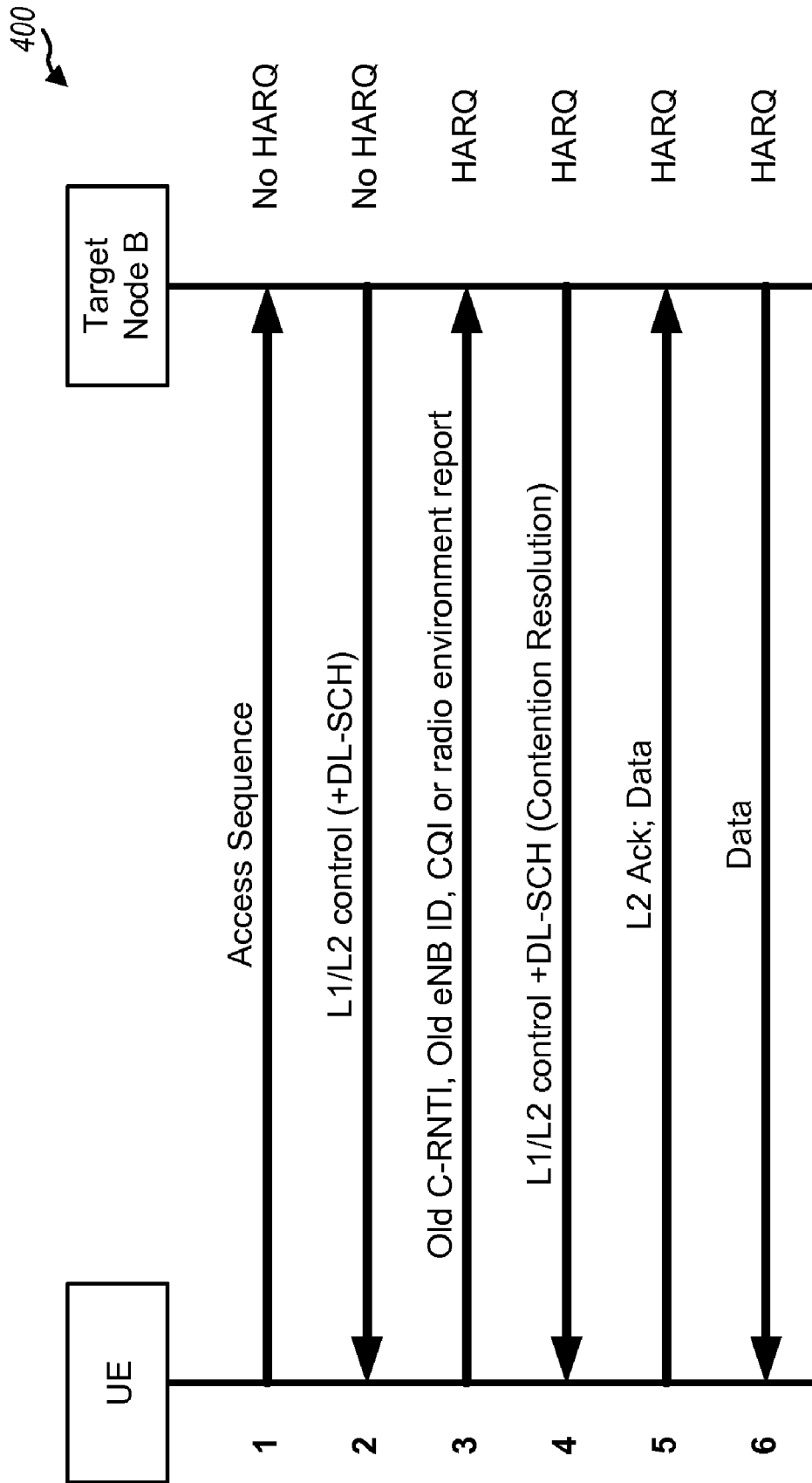


FIG. 4

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