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(54) Title: METHOD OF TRANSMITTING DATA BETWEEN A PLURALITY OF BASE STATIONS AND A PLURALITY OF MOBILE STATIONS

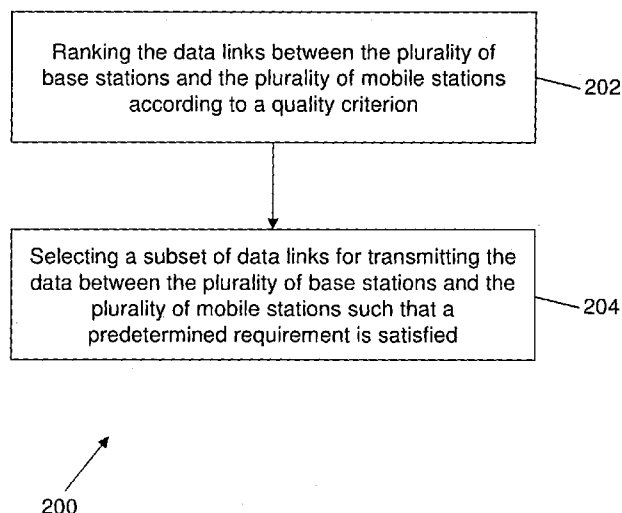


Figure 2

(57) Abstract: A method of transmitting data between a plurality of base stations and a plurality of mobile stations is provided. The method includes ranking data links between the plurality of base stations and the plurality of mobile stations according to a quality criterion, and selecting a subset of data links for transmitting the data between the plurality of base stations and the plurality of mobile stations such that a predetermined requirement is satisfied. Selecting the subset of data links may include iteratively assigning a predetermined value to power of the data link having the lowest ranking and determining if the predetermined requirement is satisfied, until the predetermined requirement is no longer satisfied. The remaining data links may then be selected for transmitting the data between the plurality of base stations and the plurality of mobile stations.



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