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(54) **RADIO COMMUNICATION SYSTEM, BASE STATION APPARATUS, AND DOWNSTREAM TRANSMISSION DIRECTING CHARACTERISTIC CONTROL METHOD USED THEREFOR**

(57) A communication bit rate computing unit (24) computes the cumulative bit rate of downlink communication data, at which a base station communicates with a terminal, and totalizes the bit rates for each sector area. An amplitude/phase control unit (23) checks whether the cumulative bit rate for each sector area, reported from the communication bit rate computing unit (24), is higher than a first threshold or lower than a second threshold.

If the cumulative bit rate is higher than the first threshold, the amplitude/phase control unit (23) performs directing characteristic control so as to narrow the area range of the corresponding sector area to a range smaller than a standard area range. If the cumulative bit rate is lower than the second threshold, the amplitude/phase control unit (23) performs directing characteristic control so as to widen the area range of the corresponding sector area to a range larger than the standard area range.

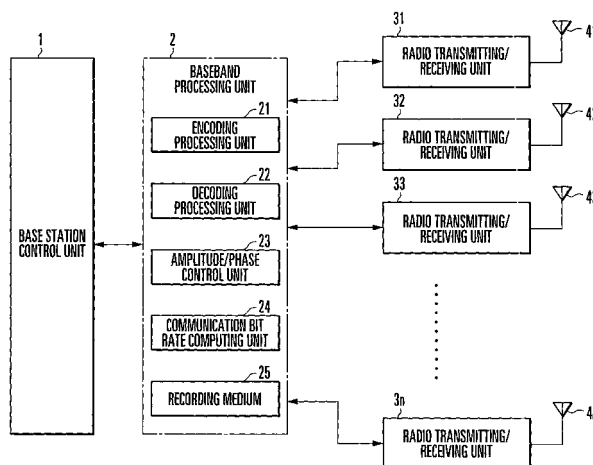


FIG. 1