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<p>(54) Title: DIVERSITY COMBINING FOR ANTENNAS</p> <p>(57) Abstract</p> <p>An antenna configuration increases the sensitivity of a base station by providing a plurality of antennas each of which cover a disjunct or partially disjunct area of a larger cell. A receiver for each antenna receives signals transmitted from mobile stations. Equalizers are attached to each receiver for correcting the received signals. A combiner then combines the received signals from the different antennas so as to form an estimate of the transmitted signal.</p>		