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(71) Applicant (for all designated States except US): **TELE-CIS WIRELESS, INC.** [US/US]; 2903 Bunker Hill Lane, Suite 210, Santa Clara, CA 95054 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **PARK, Jong Hyeon** [KR/US]; 1111 Di Napoli Drive, San Jose, CA 95129 (US). **PARK, Ju Won** [KR/US]; 2221 Amaryllis Circle, San Ramon, CA 94582 (US). **KIM, Je Woo** [KR/US]; 5539 Green Oak Drive, San Jose, CA 95129 (US).

(74) Agents: **NGUYEN, Thinh, V.** et al.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

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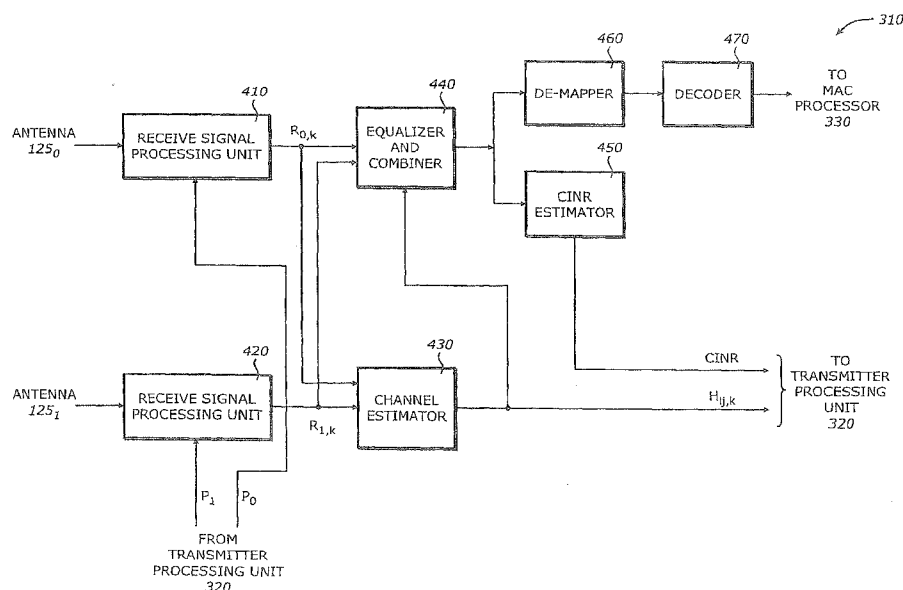
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(57) Abstract: The present invention is a technique to process signals in a communication system. In one embodiment, a plurality of signal processing units processes signals received from a plurality of antennae. The signal processor units are controlled by operational mode control signals. A channel estimator estimates channel responses using the processed signals according to an operational mode. An equalizer and combiner generates an equalized and combined signal using the received signals and the estimated channel responses. A Carrier to Interference Noise Ratio (CINR) estimator estimates CINR from the equalized and combined signal. The estimated CINR is used to generate the operational mode control signals.