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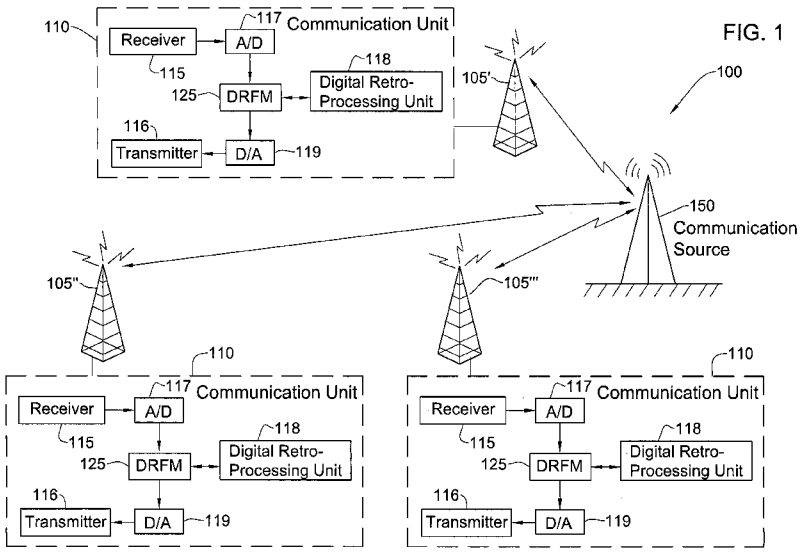
(54) **Title**: DIGITAL RETRO-DIRECTIVE COMMUNICATION SYSTEM AND METHOD THEREOF



(57) **Abstract**: The present invention relates to a digital retro-directive system and method thereof for receiving incoming signals from a transmitting source by means of at least two antennas and transmitting outgoing signals back, substantially simultaneously, towards said transmitting source through said at least two antennas irrespective of the location of one antenna with respect to another and without calculating phase differences between said outgoing signals.

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