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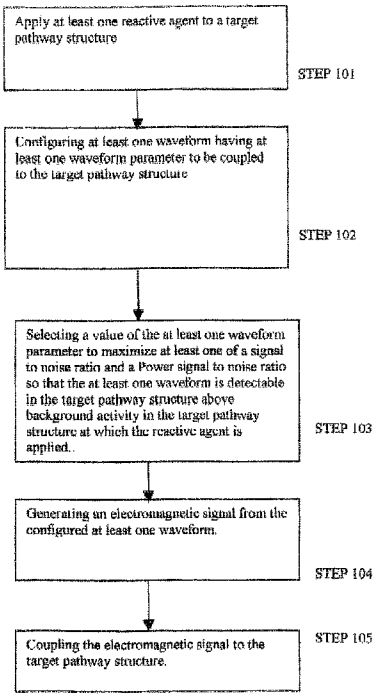
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(54) Title: PHARMACOLOGICAL, CHEMICAL, AND TOPICAL AGENT ENHANCEMENT APPARATUS AND METHOD FOR USING SAME



(57) Abstract: A method for enhancing pharmacological, chemical, topical, and cosmetic effects comprising applying at least one reactive agent to a target pathway structure (Step 101) , configuring at least one waveform having at least one waveform parameter (Step 102), selecting a value of said at least one waveform parameter of said at least one waveform to maximize at least one of a signal to noise ratio and a Power signal to noise ratio, in a target pathway structure (Step 103), using said at least one waveform that maximizes said at least one of a signal to noise ratio and a Power signal to noise ratio in a target pathway structure to which said reactive agent has been applied, to generate an electromagnetic signal (Step 104), and coupling said electromagnetic signal to said target pathway structure to modulate said target pathway structure (Step 105) .

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