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(54) Title: ELECTROMAGNETIC TREATMENT APPARATUS AND METHOD

(57) Abstract: An apparatus and method for electromagnetic treatment of living tissues and cells comprising: configuring at least one waveform according to a mathematical model having at least one waveform parameter, said at least one waveform to be coupled to an angiogenesis and neovascularization target pathway structure (101); choosing a value of said at least one waveform parameter so that said at least waveform is configured to be detectable in said angiogenesis and neovascularization target pathway structure (102); generating an electromagnetic signal from said configured at least one waveform; and coupling said electromagnetic signal to said angiogenesis and neovascularization target pathway structure using a coupling device (103).

