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(54) Title: RETINAL IRRADIATION SYSTEM AND METHOD TO IMPROVE OCULAR FUNCTION AND HEALTH IN THE NORMALLY AGING EYE

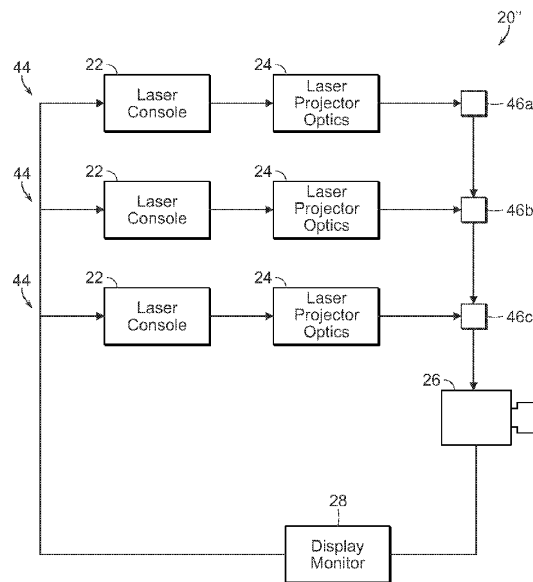


FIG. 11

(57) Abstract: At least one pulsed light beam is applied to eye tissue to raise the temperature of the eye tissue to photostimulate the tissue. The at least one light beam has parameters of wavelength, duty cycle, power and pulse train duration selected to achieve a therapeutic or prophylactic effect while not permanently damaging the eye tissue. The eye tissue photostimulation improves ocular health and function and slows or prevents disorders associated with a normally aging eye.

[Continued on next page]

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