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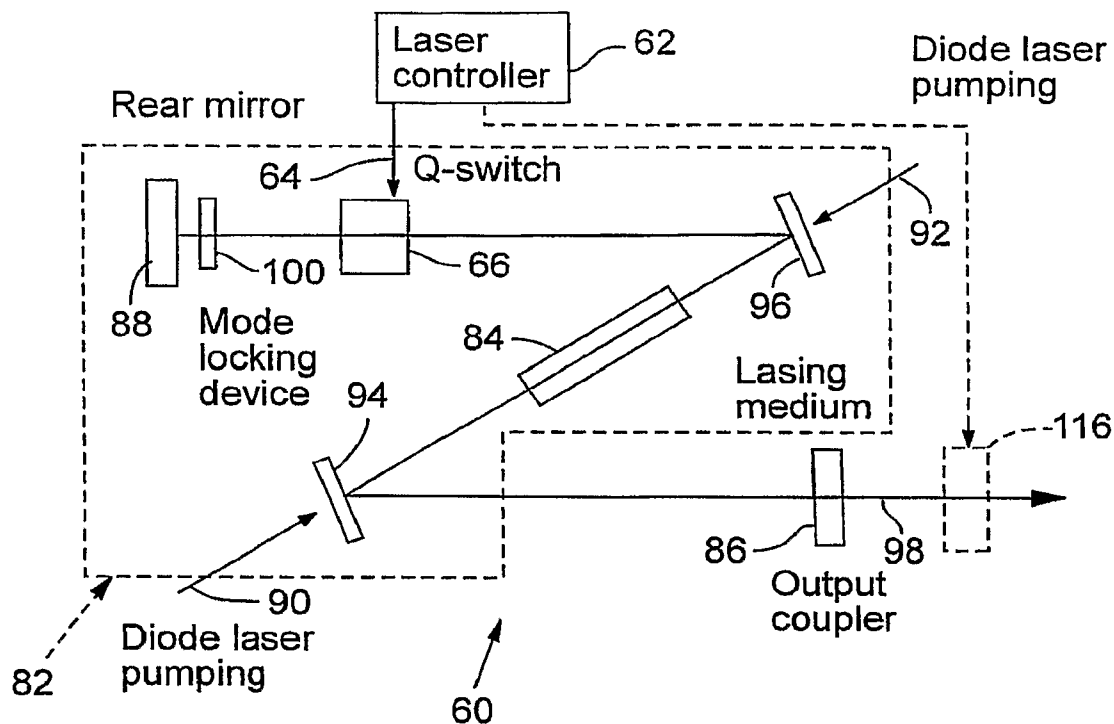
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(54) Title: SIMULTANEOUSLY MODE-LOCKED, Q-SWITCHED LASER



(57) Abstract: A simultaneously mode-locked, Q switched laser (60) is configured to prevent loss of mode lock during laser operation. A preferred embodiment prevents loss of mode lock by operating the laser between the Q switched pulses with a residual level of laser power sufficient to maintain a mode-locked state. The residual laser power output can be blocked by a pulse picking device (116).



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