

IMPROVEMENTS RELATING TO SOLID-STATE LASERS**ABSTRACT OF THE DISCLOSURE:**

5 A diode-pumped solid state laser is disclosed in which a portion of the energy from the pumping laser diode is directly absorbed by one end of the laser medium, e.g. a YAG rod, and the rest of the pumping radiation is absorbed through the side surfaces of said laser medium after reflection from the reflective inner walls of a shaped casing. The arrangement combines the advantages of conventional end- and side-pumping
10 schemes for the construction of a laser-diode pumped single-mode laser.

(Fig. 3A)