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(54) Title: **HELMET MOUNTED, LASER DETECTION SYSTEM**

(57) Abstract

A portable, low cost, laser detection system which generates an alarm signal that can be used to produce visual and/or audible warnings indicating the range, location and type laser energy detected. Such laser detection system utilizes a cooperating quadraplex sensor assembly, to provide a complete 360 degree laser detection coverage, mounted on a helmet assembly which includes a helmet shell, a cushioned impact liner coextensive with the interior surface of the helmet shell and a suspended crown support liner the combination of which provides enhanced protection of the user and stabilization of the laser detection system.

