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(54) Title: CLEANING FUNCTIONALITY IN HANDHELD LASER SYSTEM

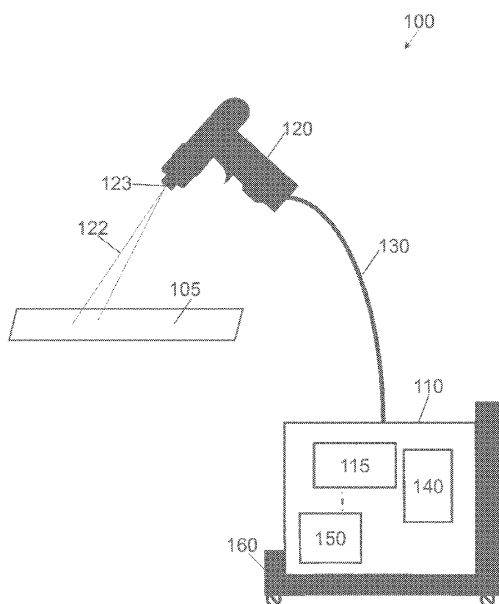


FIG. 1

(57) Abstract: A method and system for cleaning a surface using laser radiation is provided. In one example, a system for cleaning a surface using laser radiation includes a laser source configured to generate laser radiation, the laser source configured to emit laser radiation in a cleaning mode, the cleaning mode characterized as a modulated continuous wave (CW) mode having a duty cycle less than 100%, pulse-repetition frequency greater of at least 10 kilohertz (kHz), and a FWRM pulse duration in a range of 1 microsecond (μ s) to 10 (milliseconds) ms inclusive, a housing configured as a handheld apparatus that directs the laser radiation to the surface, and an optical fiber coupling the handheld apparatus to the laser source.

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