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(54) Title: SURGICAL IMAGING SYSTEMS

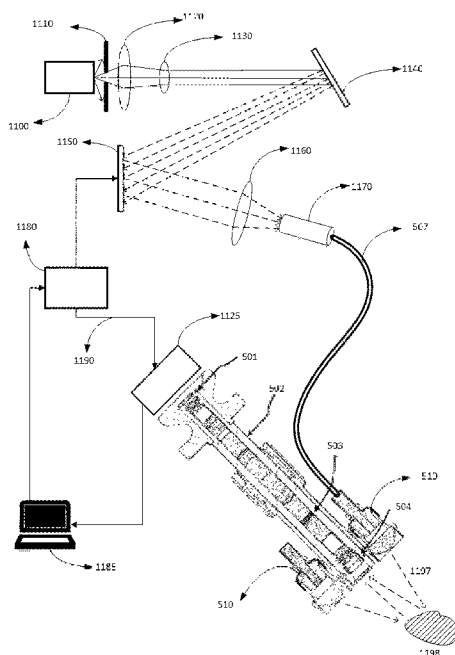


FIG. 9

(57) Abstract: Systems, methods and devices are provided for illuminating tissue with monochromatic or broadband light and imaging light that has been reflected back from the tissue. Imaging may be white-light imaging or hyperspectral imaging. The system can be a stand-alone hyperspectral imaging system, integrated as part of an external video scope, or as an auxiliary imaging module on an external videoscope. Various elements of a video scope that is particularly suited for minimally invasive surgery is first presented and then its configurations suitable for hyperspectral imaging are explained.



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