

MINIATURE INSPECTION SYSTEM

Abstract of the Disclosure

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A miniature inspection system for observing an object. The system comprises a camera defining an optical axis defined between the camera and the object when located at the object inspection location. A ring light is located concentrically with respect to and along the optical axis at a location between an entrance aperture of the camera and the object, when located at the object observing location. A field lens is located along the optical axis at a location between the camera and the object, when placed at the object observing location. A mirror or a penta-prism may be located along the optical axis, between the camera and the field lens, so that light reflected from the object along the optical axis is reflected by either the mirror or the penta-prism toward the entrance aperture of the camera. An illumination source, may be also provided to supply illumination along the optical axis of the system.



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