

Technology Title: Mini Cryogenic Shutter

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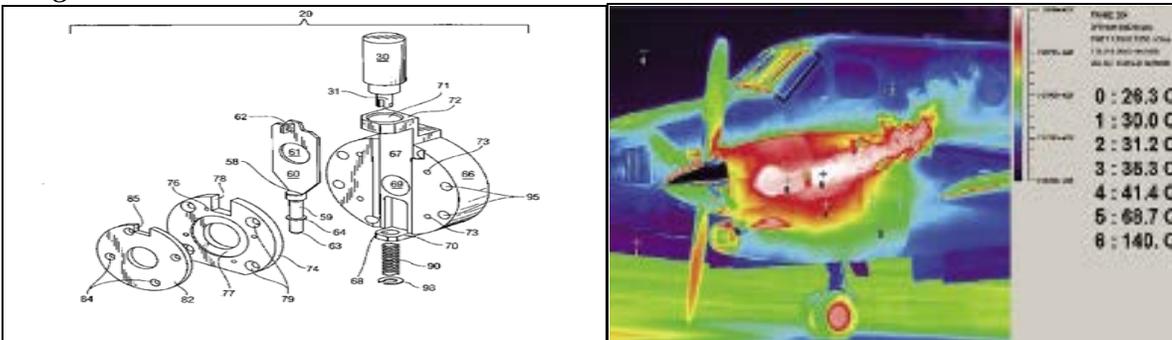
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Image:



ABSTRACT

Abstract #: cameras, zero radiance, thermography, space, satellites, meteorology, medical imaging.

The Mini Cryogenic Shutter Assembly (Patent 6,695,359) is used as a mechanism to calibrate small to medium sized cameras using an “absolute measurement” of light emitted by an object in very cold environments. The Shutter provides a common zero reference base (zero radiance) that is needed to do true super-framing. The device is manufactured from durable and lightweight materials and offers a unique capability. Commercial market potential is space, satellites, surveillance, meteorology, space, medical imaging and thermography.

THUMBNAIL

The Mini Cryogenic Shutter Assembly is a device used to calibrate small to medium sized cameras in very cold environments.