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**Fantone et al.**

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(54) **COMPACT SYSTEM FOR PRESENTING WIDE FIELD OBJECT TARGET TO TEST OPTIC OR SYSTEM**

7/0018; G06T 7/0022; G02B 2027/0138; G02B 2027/015; G02B 27/0172; G02B 27/0101

See application file for complete search history.

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(58) **Field of Classification Search**  
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(57) **ABSTRACT**

Apparatus for evaluating optical components and systems that uses a precision compact mirror support structure to present to an optical system or electro-optical system (e.g., a camera) multiple images of at least one optical evaluation target over a wide field to allow assessment of the performance or alignment of the optical or electro-optical system over its intended field of use. The mirror support structure generates multiple images of an optical evaluation target by providing multiple folded optical paths between the target and the desired field locations of the test optic. The mirrors employed may either be parallel or at angles with respect to one another.

**17 Claims, 13 Drawing Sheets**

