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**Szapiel**

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(54) **IMAGE DEFLECTOR FOR GUN SIGHTS**

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See application file for complete search history.

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(57) **ABSTRACT**

Optical apparatus in which a beam deflector is used to reposition the sight beam from a reflex sight. In one example, an optical apparatus includes a reflex sight configured to produce a collimated reflex sight beam directed along an optical axis, and a beam deflector coupled to an output of the reflex sight and configured to deflect the reflex sight beam by a selected angle of deflection relative to the optical axis to reposition an eyebox of the reflex sight off-axis with respect to the optical axis and remote from the reflex sight. In certain examples, the optical apparatus also includes a telescopic sight, and the beam deflector is configured to deflect the collimated reflex sight beam to overlap the reflex sight beam with the exit pupil of the telescopic sight.

**17 Claims, 5 Drawing Sheets**

