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(54) Title: AERIAL IMAGING USING RETROREFLECTION

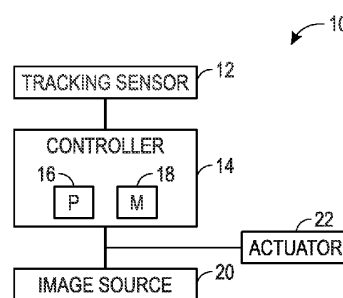


FIG. 1

(57) Abstract: Systems and method for generating real images via retroreflection are provided. An image source may project light beams, which are received at a beam splitter. The beam splitter, positioned between a retroreflector and a viewing area, may reflect the light beams toward the retroreflector. In turn, the light beams may be reflected back from the retroreflector and toward and through the beam splitter to generate a real image that appears to a viewer to be floating in the viewing area. A controller may control the image source to adjust the real image based on a control parameter detected by at least one sensor.



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