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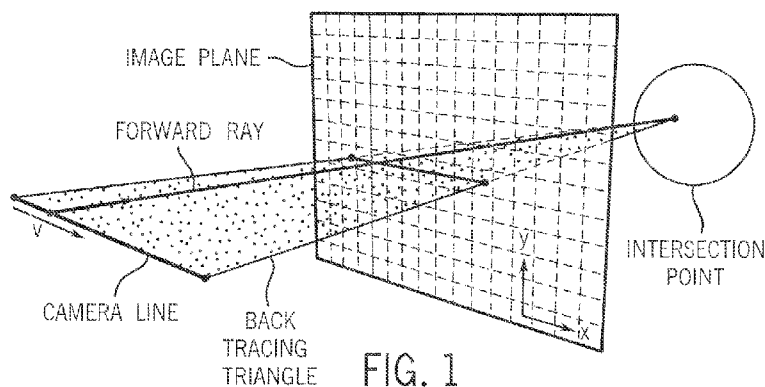
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(54) Title: MULTI-VIEW RAY TRACING USING EDGE DETECTION AND SHADER REUSE



(57) Abstract: A multi-view image may be generated by detecting discontinuities in a radiance function using multi-view silhouette edges. A multi-view silhouette edge is an edge of a triangle that intersects a back tracing plane and, in addition, the triangle faces backwards, as seen from the intersection point, and the edge is not further connected to any back facing triangles. Analytical visibility may be computed between shading points and a camera line and shared shading computations may be reused.