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(54) Title: PROBES THAT DEFINE RETROREFLECTORS, PROBE SYSTEMS THAT INCLUDE THE PROBES, AND METHODS OF UTILIZING THE PROBES

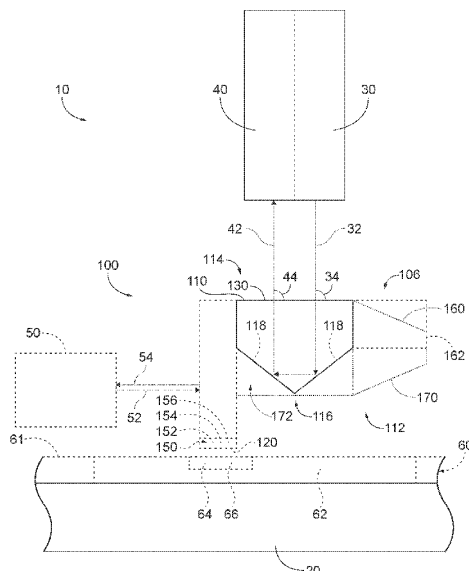


FIG. 3

(57) Abstract: Probes that define retroreflectors, probe systems that include the probes, and methods of utilizing the probes. The probes include the retroreflector, which is defined by a retroreflector body. The retroreflector body includes a first side, an opposed second side, a tapered region that extends from the first side, and a light-receiving region that is defined on the second side. The probes also include a probe tip, which is configured to provide a test signal to a device under test (DUT) and/or to receive a resultant signal from the DUT. The retroreflector is configured to receive light, via the light-receiving region, at a light angle of incidence. The retroreflector also is configured to emit at least an emitted fraction of the light, from the retroreflector body and via the light-receiving region, at a light angle of emission that is at least substantially equal to the light angle of incidence.

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