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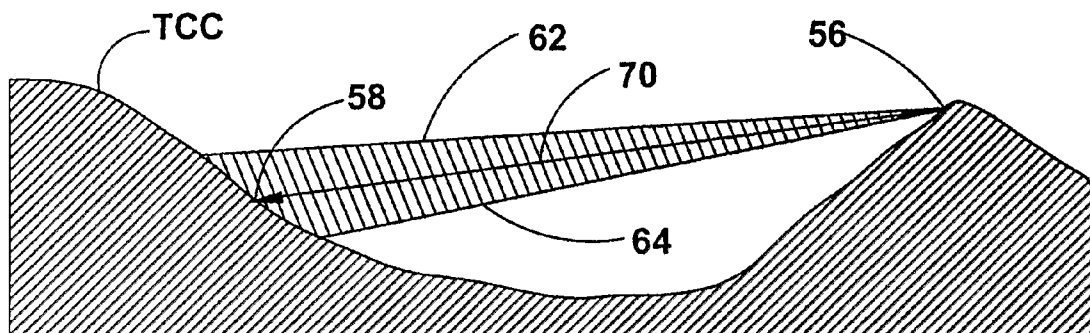
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(54) Title: PASSIVE TARGET DATA ACQUISITION METHOD AND SYSTEM



(57) Abstract: Method and passive target data acquisition system operable continuously from an observation point (56) for passively sighting a target (58, 56, T) and acquiring the target on a DTM for passively deriving target data and associated information without emitting radiations prone to detection. The location of the target is shown on a display (30), and so is an error-area (96, 98) due to measurement inaccuracies. When terrain topography causes the system to indicate more than one error-area, the target and the accompanying error-areas (96, 98) are displayed. The distance between error-areas indicates dead terrain zones. A north finding procedure provides accurate north direction correction to rough north readings taken with a coarse north-indicating device. The system is small enough for integration with handheld personal binoculars, and is operable from static and mobile observation points, possibly on a stabilized platform, on land, at sea, in the air, and in space.

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