CLAIMS:

1. A method of acquiring a target, comprising the steps of:

(a) aiming a non-gimbaled hand-held aimable device that includes:

(i) a user display,

(ii) a tracker, and

(iii) a range finder,

so that an indicator, in said user display, that indicates a direction in which said device is pointing, is sufficiently close to the target;

(b) locking said tracker on the target;

(c) using said tracker to aim said range finder at the target, even when said indicator, in said user display, is not directed at said target; and

(d) measuring a range to the target, using said range finder, even when said indicator, in said user display, is not directed at said target, obviating the need to aim said aimable device a second time in order to measure said range.

2. The method of claim 1, further comprising the steps of:

(d) computing geographic coordinates of the target based on said measured range; and

(e) transmitting said geographic coordinates to a remote location.

3. The method of claim 1, wherein said tracker is operative to scan the target, thereby measuring both said range to the target and a range to a background of the target.

4. The method of claim 3, wherein said scan is a one-dimensional scan.

5. The method of claim 3, wherein said scan is a two-dimensional scan.

6. The method of claim 1, wherein said step of locking on the target is performed automatically.

7. The method of claim 1, wherein said step of locking on the target is performed manually.

8. The method of claim 1, further comprising the step of highlighting the target on said user display.

9. The method of claim 1, wherein aiming said range finder includes reflecting a laser beam from said ranger finder by a mirror towards the target.

10. The method of claim 9, further including the step of receiving said laser light that is reflected by the target on a receiver that is fixed relative to the aimable device.

11. The method of claim 9, further including the step of reflecting off said mirror, said laser light that is reflected back by the target, onto a receiver that is fixed relative to the aimable device.

12. The method of claim 1, wherein aiming said range finder includes tilting said range finder on a gimbal.