

ABSTRACT OF THE DISCLOSURE

[0050] A laser plumb includes a laser, and a mass that is rotatable about a spin axis to stabilize the laser. The mass is mounted to a support to be pivotable about at least one axis, and preferably two axes. The two axes are perpendicular to each other and the spin axis. The laser is mounted to the mass to maintain its orientation relative to the support, as the mass rotates about the spin axis. A weight below the tilt axes aligns the spin axis with the gravitational axis. Preferably, the mass and laser are mounted to the support by a gimballed mount. The plumb optionally includes markings on its base to measure a deflection of the laser from the support, thereby allowing measurement of the angle of inclination of a surface supporting the base.