CLAIMS

1. A movable red dot sight comprising a first fixed light source (30) and a first reflective plate (34, 53), the light source generating a first collimated light beam that is projected onto the reflective plate (34, 53) in order to materialize a reticle or red dot that is visible to a shooter in reflection from the reflective plate (34, 53) and the first beam being projected onto the reflective plate (34, 53) by way of a rotatable mirror (32) the angle of inclination of which with respect to the first light beam is adjustable, characterized in that the sight comprises a ballistic computer equipped with an inclinometer that measures cant of the weapon, the computer determining the cant of the weapon that corrects for the Magnus effect, indications (20, 21) in the sight indicating when an inclination is achieved,

the movable red dot sight further comprising an illuminator/designator, wherein said sight comprises a second fixed light source (36) that generates a second collimated light beam that is initially parallel to the first light beam and that is steered by said rotatable mirror toward a second reflective plate (35, 54) placed at an angle of 90° to the first reflective plate in order to illuminate/designate a target.

2. The sight as claimed in claim 1, characterized in that the first and/or second reflective plate (34, 35, 53, 54) is a semi-transparent plate beamsplitter.

3. The sight as claimed in one of claims 1 or 2, characterized in that it comprises a device for adjusting the angle of inclination of the rotatable mirror (32) with respect to the light beams, allowing the angle of the mirror to be adjusted depending on distance of the target and/or type of munition.

4. The sight as claimed in claim 3, characterized in that the adjusting device is equipped with a graduation representing the distance of the target.

5. The sight as claimed in claim 4, characterized in that the adjusting device is equipped with a plurality of graduations specific to different types of munition.

6. The sight as claimed in one of claims 3 to 5, characterized in that the adjusting device comprises a motor or mechanical actuator for adjusting the angle of the rotatable mirror (32) and a ballistic computer that controls said motor/actuator and that allows the required mirror angle to be calculated and instigated depending on the distance of the target (3) and on the type of munition used.

7. The sight as claimed in claim 6, characterized in that the ballistic computer is equipped with a rangefinder that automatically communicates thereto the distance of the target when the shooter triggers a measurement of the distance of the target.

8. The sight as claimed in any one of the preceding claims, characterized in that the first and/or second light source (30, 36) comprises a collimator (31, 37) with a convergent lens and a light source placed at the focal point of the lens of the collimator.

9. The sight as claimed in one of the preceding claims, characterized in that the light source of the beam of the red dot or reticle is point-like, preferably with a diameter of about one tenth of a millimeter or of about one millimeter.

10. The sight as claimed in claim 8 or 9, characterized in that the light source of the red dot is formed by an LED placed behind a mask that is located at the focal point of the lens of the collimator and that is drilled with a hole in the location of the optical axis of the generated light beam.

11. The sight as claimed in any one of the preceding claims, characterized in that the lateral position of the reticle is automatically moved laterally by a device controlled by the ballistic computer depending on the type of munition used and the distance of the target, so as to correct for the deviation in the trajectory of the munition due to the Magnus effect.