

ABSTRACT

The present invention discloses a shooting method, where the method is applied to a shooting terminal, and the shooting terminal includes a first camera, a second camera, and a third camera; the first camera and the third camera are color cameras, 5 the second camera is a black-and-white camera, resolution of the second camera is higher than resolution of the first camera and higher than resolution of the third camera, and the first camera, the second camera, and the third camera all are cameras using prime lenses; an equivalent focal length of the third camera is greater than both an equivalent focal length of the first camera and an equivalent focal length of the 10 second camera; and the method includes: obtaining a target zoom ratio; determining at least one camera from the first camera, the second camera, and the third camera based on the target zoom ratio as a target camera; capturing, by using the target camera, at least one image that includes a target scene; and obtaining an output image of the target scene based on the at least one image that includes the target scene. The target 15 scene is a scene that a user expects to shoot. According to the present invention, an approximately 5x lossless zoom effect is achieved.

FIGURE 2