

ABSTRACT

The embodiments of the disclosure discloses a target assembly and an X-ray microscope. The target assembly includes a first section including a first heat dissipating layer, in which the first heat dissipating layer is provided with a first groove, a first target is arranged in the first groove, the first target is provided with a first action surface that is configured to be acted by an electron beam, and the first action surface is arranged to be inclined with respect to a bottom surface of the first groove. The target assembly and the X-ray microscope provided by the disclosure increase the X-ray density in an effective irradiation area, and the imaging quality of the X-ray microscope is improved.

FIGURE 1