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A new soft X-ray camera consisting of several pinholes, the “multiple-pinhole camera,” and a three-dimensional (3D) tomography method have been developed. The camera captured the following images reflecting the shapes of plasmas produced in an RFP machine “RELAX.” (a) Time evolution of the images captured by the camera, (b) moving average obtained from the filmed images, and (c) the resultant image calculated by subtracting (b) from (a) are shown. A clear asymmetric structure is observed in (c). (Shinichiro INAGAKI *et al.*, Plasma and Fusion Research, Vol. 18, 1202010 (2023) <http://www.jspf.or.jp/>)