

Substrate Storage Container

Abstract

5 The present invention is a valve body (40) attached to a substrate storage container which includes a first cylindrical portion (410) formed in a fixing cylinder (41) having one end communicating with the outside of a container body (10), a second cylindrical portion (430) formed on an inner lid cylinder (43) having one end communicating with the interior of the container body (10) and spaced apart from the other end of the first cylindrical portion (410), a plug member (431) positioned between the other end of the first cylindrical portion (410) and the other end of the second cylindrical portion (430), and an elastic body (44) that covers at least the plug member (431) and has an inner diameter equal to or smaller than the outer diameter of the plug member (431), and wherein gas flow to the container body (10) is controlled by close contact between the plug member (431) and the elastic body (44). Thereby a substrate storage container provided with a valve body that can control the flow of gas without using a metal member can be provided.

25 [Figure 3]