

FINE ADJUSTMENT DEVICE

ABSTRACT OF THE DISCLOSURE

A fine adjustment device that is interposed between a table base rotatably supporting a chuck table for holding a workpiece on a holding surface and a base supporting the table base and that adjusts a distance between the table base and the base. The fine adjustment device includes: a support member that has an upper section and an intermediate section and a lower section, with the upper section fixed to the table base and with the intermediate section fixed to the base; an accommodating chamber formed in the support member; a piezoelectric actuator that is accommodated in the accommodating chamber and is capable of contracting and extending in a perpendicular direction; and a contraction-extension structure to have the accommodating chamber contracted and extended in the perpendicular direction.

Figure 4