

TRANSFER APPARATUS

ABSTRACT OF THE DISCLOSURE

A transfer apparatus holds a plate-shaped workpiece under suction in a noncontact condition and transfers the workpiece. The transfer apparatus includes a base, a Bernoulli transfer pad fixed to the base for spraying air toward the workpiece to produce a vacuum, and a moving unit for moving the base. The Bernoulli transfer pad includes a cylindrical pad body. The pad body has a lower surface as a holding surface to which a fluid spraying portion opens and an annular pad mounting portion for mounting an annular pad. When the annular pad is mounted on the annular pad mounting portion, the holding surface is increased in a radial direction of the pad body to thereby increase a suction force for sucking the workpiece.

[Fig. 9]