

Abstract

Provided is a two-sided attraction structure that can be used repeatedly with remarkable ease, thereby being free from the problem of material wasting or the like, is free from the problem of energy, and can be employed for various uses including an exhibition/information apparatus and a dust collecting apparatus. The two-sided attraction structure includes an electrostatic chuck portion (2) and a power supply portion (5), the electrostatic chuck portion (2) including a dielectric member (3) in a plate-like shape, which is made of an insulating material and has a front side and a back side, and an internal electrode (4) mounted into the dielectric member, the front side and the back side of the dielectric member each serving as an attraction surface when voltage is applied to the internal electrode (4), the power supply portion (5) applying the voltage to the internal electrode of the electrostatic chuck portion (2), in which the power supply portion (5) includes a solar cell (6) and a voltage boost circuit (7) for boosting power generated by the solar cell (6). Further, provided are: an exhibition/information apparatus including display means for exhibition/information formed by employing the two-sided attraction structure; a dust collecting apparatus including dust collecting means formed by employing the two-sided attraction structure; and a plant growing apparatus formed by employing the two-sided attraction structure.