

ABSTRACT

The present apparatus includes an attracting transport(12) arm for attracting an attraction object(11) via a nozzle hole by vacuum and transporting the
5 attraction object in a horizontal or vertical direction. An upwardly directed light emitting sensor(14) is disposed on the rear side of a portion of a stage(13) at which the attraction object(11) is to be placed. At the location at which the attraction object(11) is to be
10 placed, a through-hole which to prevent intercept upward rays of light of the light emitting element(14) is perforated. Meanwhile, a downwardly directed light receiving element(15) for receiving rays of light from the light emitting element(14) is disposed in the
15 interior of the nozzle hole of the attracting transport arm(12).