CLAIMS

1. A member supply device configured to supply members stored therein to an end effector, the member supply device comprising:

a storage means configured to arrange and store members in a vertical direction;

positioning means provided one above another sandwiching at least one of the members stored in the storage means, the positioning means being configured to stop movement of a member thereabove and position the member thereabove;

a receiving means provided below the storage means, the receiving means being configured to receive a member that fell from the storage means and guide the member that fell from the storage means to the end effector; and

a controlling means configured to alternately advance and retreat the upper and lower positioning means in a horizontal direction such that a predetermined number of the members among the members stored in the storage means fall to the receiving means, wherein

the receiving means is made up of a tilt stand configured to tilt downward toward an outside, the tilt stand including a retaining unit configured to temporarily retain the members, and the retaining unit is provided at an end portion of the tilt stand closer to the outside,

the retaining unit includes a positioning unit configured to adjust a relative position of a member retained in the retaining unit with respect to the end effector by moving the member along the retaining unit, and

a plurality of the storage means are provided along a tilt direction of the tilt stand, and store different members from each other.

2. The member supply device according to claim 1, wherein the receiving means is made up of a tilt stand configured to tilt downward toward the outside, the tilt stand including a recessed portion for inserting and locating therein the end effector to which members are supplied, and the recessed portion is provided at an end portion of the tilt stand closer to the outside.