

ABSTRACT

To provide a member bonding apparatus that can accurately position two members for bonding. Member alignment preprocessing device 15 adjusts to align one of the two members received by member receiving device 11 with another member in X and Y-axis directions so that the positions of bonding surfaces of the two members approximately correspond, adhesive application device 12 applies adhesive to a bonding surface of one of the two members approximately aligned, member alignment device 16 adjusts to align another member with one of the two members in X, Y, Z-axis and α , β , θ -axis directions based on images of the two members captured by a CCD camera so that positions of the bonding surfaces of the two members correspond, member bonding device 13 makes the bonding surfaces of the two members aligned be bonded to each other through the adhesive, and member delivery device 14 unloads and delivers the bonded member.