

ASSEMBLY BOX AND PLATE MATERIAL CONNECTING STRUCTURE

Abstract

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[Objective] To provide a box that allows easy tasks involved in assembling and disassembling and a novel plate material connecting structure adapted thereto.

[Means to solve the problem] An assembly box comprises: a frame 1 (or 10) that is rectangular as seen from the top and whose four sides are formed from plate materials 11a and the like which are square as seen from the front; and a base 2 that has a placement plane 2a for the frame 1 and guides 21 and the like for supporting the plate materials constituting the frame 1 on the placement plane 2a. A first connecting part 111 and a second connecting part 122 (or a first connecting part 121 and a second connecting part 112) are positioned at corners of the frame 1 and have each a detachable locking mechanism. The locking mechanism is configured to separate two connected plate materials by inclining either one of the plate materials at a predetermined or larger angle with reference to the plate material connecting part.

[Representative drawing] FIG. 1