

ABSTRACT

WORKPIECE MANUPULATING APPARATUS

5 Embodiments of the present invention provide workpiece manipulating
apparatuses which eases the operation procedure, increased the safety level and
productivity. In one embodiment, a workpiece manipulating apparatus has:
first and second support frames disposed spaced apart from each other. Each support
frame rotatably supports a fixture thereon. The fixtures are to clamp opposite end portions
10 of the workpiece thereto. The fixtures are rotatable relative to the first and second support
frames about a horizontal axis to turn the workpiece.

(Fig. 3)