

**TITLE OF INVENTION: TRACK APPARATUS FOR STACKER FOR STOCKER
AND STACKER SYSTEM**

ABSTRACT

Embodiments of the present disclosure provide a track apparatus for stackers for a stocker, applicable to the field of handling apparatus for semiconductors. The track apparatus includes an overhead track mounted on a top of an aisle in the stocker and ground tracks mounted on a bottom of the aisle in the stocker and parallel to the overhead track. The overhead track is moveably engaged with a top of a stacker and is configured to provide overhead guide to horizontal movement of the stacker. The ground tracks include two guide tracks and a travelling track arranged between the two guide tracks and parallel to the two guide tracks. The two guide tracks are configured to provide ground guide to the horizontal movement of the stacker, and the travelling track is configured to provide support to the horizontal movement of the stacker. With the overhead track and the ground tracks that adopt new structures and provide support and guide to the horizontal movement of the stacker, stable and high-accuracy operation of the stacker can be ensured.

FIG. 1