## ABSTRACT

A warehousing-based conveying system and an intelligent stereoscopic warehousing system, which are applied to a stereoscopic warehouse. A plurality of columns of multi-tier warehousing racks (10) are provided in the stereoscopic warehouse, each warehousing rack (10) is provided with a plurality of tiers of reservation units (101),bins (104) are placed in slots (103) of the reservation units (101), and a track transport device is mounted on the warehousing racks (10). The device comprises a transverse track (11), a first upright (12), a first movable member (13) and a connecting mechanism (15) for a task module (14), wherein the transverse track (11) is arranged on the racks (10); the first upright (12) is vertically arranged on the transverse track (11) and can transversely slide; the first movable member (13) is arranged on the first upright (12) and can slide along the first upright (12); the connecting mechanism (15) for the task module (14) is arranged on the first movable member (13); and the task module (14) is driven by the first movable member (13) to perform storage and retrieval on a bin (104) and/or goods (3), and put or take the bin and/or the goods into or out of a docking component of a freight robot (105) operating at the bottom and/or the top of the warehousing rack (10).