

Conveyor Assembly for a Vapor Deposition Apparatus

ABSTRACT OF THE DISCLOSURE

A conveyor assembly (100) for use in a vapor deposition apparatus includes a housing (104) defining an enclosed interior volume. A conveyor (102) is driven in an endless loop path within the housing. The housing has a top member (110) that defines an open deposition area (112) in an upper conveyance leg of the conveyor. The conveyor includes a plurality of interconnected slats (130), with each slat having a respective flat, planar outer surface (132) and transverse edge profiles (135, 136) such that, in the upper conveyance leg of the conveyor, the outer surfaces of the slats lie in a common horizontal plane and define an uninterrupted flat support surface for a substrate conveyed through the vapor deposition apparatus.

Figure 3