

ABSTRACT

A multi-directional carrier includes a track (16) and first and second ledges (18,22) on the track. The ledges are relatively spaced vertically and horizontally. First and second discs (24,26) are supported on a bolt (28) in vertical spaced relation. One of the discs (24) engages one of the ledges (18) on one side of the bolt and the other disc (26) engages the other ledge (22) on the other side of the bolt. The underside of each disc has an angled surface (64,66) and the upper side of each of the ledges has a complementary angled surface (30,32) which is engaged by one of the disc angled surfaces. The angles of both said disc and ledge surfaces are substantially equal, being in the range of 2° to 8° to the horizontal, preferably 5° . The discs can be made of metal and the underside of each disc can also be provided with rings (116,118) of suitable bearing material engaging the ledges (18,22).

0564U

This Sheet Has Been Replaced

