

ABSTRACT

CARGO STORAGE DEVICE

5 A cargo storage device, comprising lift parts (4) and (4') for raising
in which a plurality of load carrying horizontal frames (6,...) and (6',...) are
disposed at roughly equal intervals, a lift part (5) for lowering formed adjacent
to and parallel with the lift parts for raising, and upright columnar support
members (7) and (7') horizontally swingably supporting the horizontal frames
10 (6,...) and (6' ,...) between these lift parts which are stored in a vertically
installed housing (1). The support members (7) and (7') comprise movable
parts formed by stacking, independently of each other, a plurality of cylindrical
units swingable by 180° horizontally and fixed parts having support shaft
bodies supporting the cylindrical units and forming a rotating axis for swinging
15 the support members horizontally. The horizontal frames (6,...) and (6' ,...) are
mounted on the movable parts through curved installation members to
reduce a load between the load carrying horizontal frames and the support
members so as to eliminate the possibility of trouble.

Fig.1