

ABSTRACT

DRIVE UNIT AND HORIZONTAL CONVEYANCE CARRIAGE

5 A drive unit 26 used for a carriage capable of
autonomous running is provided with a swiveling shaft 70
rotatively provided on a carriage body 18A in the vertical
direction, a cartwheel 74 that is held on the swiveling
shaft 70 and for which a ground contact point 72 serving as
10 a swiveling center is arranged on the same axis as the
swiveling shaft 70, a running drive unit 76 configured to
rotate the cartwheel 74 as a driving wheel, and a swiveling
drive unit 78 configured to swivel the swiveling shaft 70
to steer the cartwheel 74 as a steering wheel.

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FIG. 4