

ABSTRACT OF THE DISCLOSURE

QUICK RELEASE MECHANISM FOR SLIDING RAIL



162162



G00002

5 A drive unit quick release apparatus 10 is provided on one guide rail 11 of a pair of
guide rails mounted to the drive unit for engaging and releasing a drive unit from a chassis
20. The apparatus 10 includes a resilient cantilevered arm mounted to the drive unit, an
engaging structure 12 positioned on the arm to selectively maintain the drive unit in the
chassis 20, and a lever 13 connected to the resilient arm to facilitate disengaging the
10 engagement structure and removing the drive unit from the chassis 200. The lever 13 is
positioned generally perpendicular to the resilient arm and to the axis of travel of the drive
unit out of a bay in the chassis 20. In this configuration, a force applied to the lever 13 causes
the resilient arm to flex inwardly and disengage the engaging structure 12 from a retaining
slot 21 in the chassis. Additionally, the continued application of the force to the lever 13
15 moves the attached drive unit out of the chassis.

(FIG. 1)