ABSTRACT

OPTICAL PICK-UP HEAD APPARATUS

An optical pick-up head apparatus comprises a yoke (46, 47) provided in an opposing relation to a magnet (44, 45), a movable member (48) having therethrough an aperture (51a, 51b) into which the yoke (46, 47) is inserted and around which a first coil (52) is wound in facing relation to the magnet (44, 45), an objective lens supporting device (53) having a pair of leaf springs (54, 55) for supporting the objective lens (56) such that the objective lens (56) can move in the direction parallel to the optical axis thereof, a plurality of second coils (57) of substantially square shape for moving the objective lens (56) in the direction parallel to the optical axis thereof, and a tracking control device (64) for rotating a mirror portion so that a beam spot focused on the optical disc by the objective lens (56) follows a track on the optical disc. The objective lens supporting device (53) is secured to the movable member (48), the movable member (48) is movably supported by the yoke (46, 47), and one side of each of the second coils (57) and of the first (52) are located within a common magnetic gap.

This Sheet Has Been Replaced