ABSTRACT

An optical disk has a rewritable first recording area and a read-only second recording area. The first recording area includes first tracks composed of groove tracks and land tracks formed on an optical disk substrate alternately in a spiral or concentric shape. Each of the first tracks is divided into a plurality of first sectors, and each of the first sectors includes a first header region having identification data for identifying the first sector and a first data region for recording user data by forming recording marks by changing optical characteristics of a recording surface. The second data recording area includes second tracks formed with physical concave and convex shaped pit rows arranged on the optical disk substrate in a spiral or concentric shape. Each of the second tracks is divided into a plurality of second sectors, and each of the second sectors includes a second header region having identification data for identifying the second sector and a second data region having read-only data recorded as the pit rows. The first header region includes a physical concave and convex shaped first pit row. Each pit of the first pit row has a width in a radial direction of the optical disk substantially equal to a width of the groove track and is wobbled outward or inward from a center line of the groove track by about a quarter of a pitch of the groove track. The second header region includes a physical concave and convex shaped second pit row. Each pit of the second pit row has a width in the radial direction of the optical disk smaller than the width of the groove track and is formed substantially along the center line of the second track.