

A DATA RECORDING DISK, A DISK DRIVE DEVICE AND A METHOD FOR
WRITING SERVO PATTERNS

ABSTRACT

The present invention solves a problem that useless space exists on a disk between read/write heads where uniform track pitch is used, and width of each head varies due to a fabrication tolerance.

Therefore, a disk comprises two recording surfaces (#1, #2), and the track pitch of adjacent recording tracks of one surface (#1) differs from the track pitch of adjacent tracks of the second surface (#2). All recording tracks of the first data recording surface (#1) have substantially the same track width, and all gaps of the first data recording surface (#1) have substantially the same gap width. All data recording tracks of the second data recording surface (#2) have substantially the same track width, and all gaps of the second data recording surface (#2) have substantially the same gap width.

Fig. 16A