

CLAIMS

What is claimed is:

1. A method of transferring data with respect to an optical storage medium comprising a lead-in area, which comprises a read-only area and a readable/recordable area, and a user data area in which user data is recorded, the method comprising:
 - transferring first data with respect to a first wobble formed in the read-only area of the lead-in area;
 - transferring second data with respect to the readable/recordable area of the lead-in area in which a second wobble is formed; and
 - transferring the user data with respect to the user data area,wherein:
 - the first wobble is modulated by a first modulation method,
 - the second wobble is modulated by a second modulation method other than the first modulation method, and
 - the second modulation method comprises a minimum shift keying (MSK) modulation method or a saw tooth wobble (STW) modulation method.