ABSTRACT

OPTICAL DATA RECORDING MEDIUM AND MANUFACTURING METHOD THEREOF

A desired writable optical data recording medium has a transparent substrate 1 where a side wall 70,76 of a recess 2a,2b is connected to a land surface 72 by a curved surface 78,74. A data recording portion of a dye material 3 may be placed only in recesses 2a,2b of a pre-formatted pattern 2 on a transparent substrate 1 ,and a reflective layer 4 is formed on the data recording portion and on the exposed land area between neighboring recesses 2a,2b. The medium can show reflectivity of not less than 65% on reproduction and reduce the cost for manufacturing thereof.

FIG.7