Abstract of the Disclosure

RECORDABLE/REPLAYABLE OPTICAL RECORDING MEDIUM AND OPTICAL RECORDING METHOD THEREFOR

In a recordable/replayable optical recording medium having a thin metal recording layer and an optical recording method therefor, the optical recording medium includes a substrate, a thin metal film formed on the substrate, a reflective layer arranged on the thin metal film, a buffering layer interposed between the thin metal film deformed by heat, and a protecting layer for protecting the deposited layers. Recording is facilitated by adopting a buffering layer and compatibility with conventional CD player is possible. Since expensive organic dyes are not necessary, manufacturing costs can be reduced and productivity can be greatly improved.

(FIG.6)