Abstract

OPTICAL DATA STORAGE

An optical data storage system comprises a multiple data surface medium (12) and optical head. The medium (12) comprises a plurality of substrates (50, 56, 62, 68, 74) separated by a light transmissive medium (78). Data surfaces (90, 92, 94, 96, 98, 100, 102, 104) are located on the substrate surfaces. A layer of a semiconductor material is deposited onto each of the data surfaces. The thickness of the semiconductor layer determines the amount of reflectivity for each of the data surfaces.

This Sheet Has Been Replaced

