

ABSTRACT OF THE DISCLOSURE

OPTICALLY READABLE THIN FILM DIGITAL DATA STORAGE MEDIUM AND
PLAYBACK ADAPTOR

An optically readable data storage medium includes
a thin film data carrier fabricated from first and
5 second juxtaposed plastic layers. A microembossed data
surface is positioned within an interface zone and
includes physically displaced surface elements which
encode digital data. An adaptor temporarily receives
and supports the thin film data carrier from below and
10 includes a centrally located aperture geometrically
compatible with a standard CD player spindle to enable
the adaptor to be supported and rotated by the spindle.
The adaptor includes a refraction zone having an area
and a location underlying the microembossed data surface
15 to enable the light beam from the light source of the CD
player to be focussed onto the rotatable data surface.
The reflected light beam modulated by the digital data
encoded within the microembossed data surface is
intercepted and converted to an electrical signal by the
20 CD player optical readout device.

(FIGURE NO. 1)

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