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APPARATUS AND METHOD FOR FOCUS CONTROL

ABSTRACT OF THE DISCLOSURE:

Control apparatus and method are disclosed for shifting focus on a multilayered optical medium using closed loop servo operation. The outputs of an astigmatic optical pickup are independently modified by a control signal generator according to a predetermined time varying pattern to produce a
5 deceptive error signal that changes the apparent focal offset seen by a servo circuit. While in closed loop mode, the servo tracks the shifting apparent focal plane from a first information layer of the medium toward a second information layer. Thereafter the control signals are removed, and the servo
10 locks focus on the second information region.

Figure 2

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