

ABSTRACT

DISC CLAMP FOR IMPROVED DISC STACK BALANCE

5 A disc clamp for a disc drive used to secure a disc stack in position when
the disc is mounted to a hub. The disc clamp is annular with a central opening and
has three tabs. The three equidistantly spaced tabs extend radially inward from the
circumferential edge of the central opening. The disc clamp is resiliently flexible
and has a continuous annular disc contact region adjacent to an outer
10 circumferential edge. The disc clamp also has at least three screw openings each
for receiving a screw fastener to fasten the disc clamp to the hub in the clamping
position. The disc clamp resiliently flexes in the clamping position to cause the
annular disc contact region to bear against the surface of the outermost stacked disc
to clamp the disc stack against radial and axial movement.

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FIG. 3