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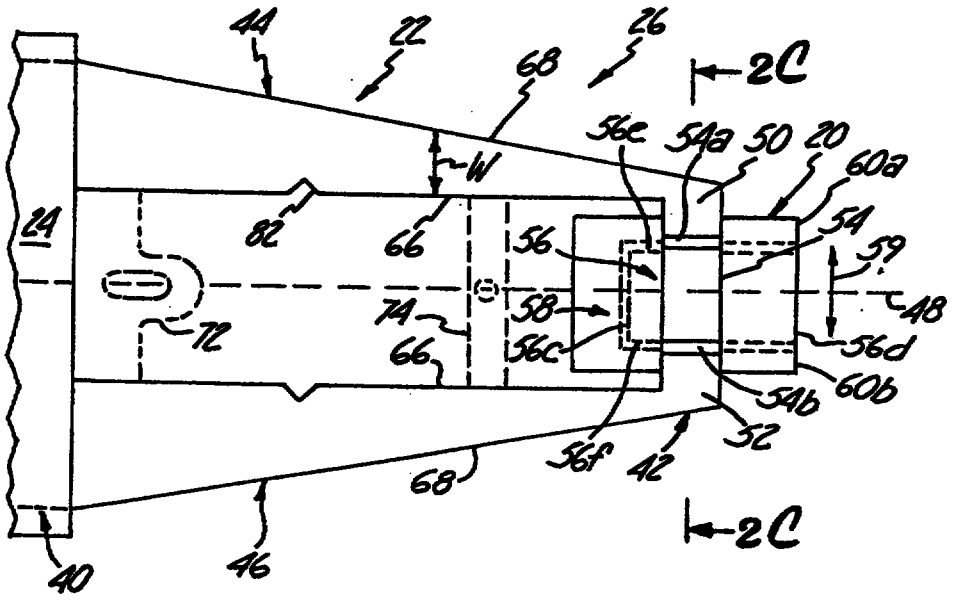
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(54) Title: LOW MASS DISC DRIVE SUSPENSION



(57) Abstract

A suspension (22, 102, 190) supports a slider assembly (20, 204) in a disc drive (10). The suspension (22, 102, 190) includes a longitudinal axis (48, 114, 210), a proximal mounting section (40, 106) for mounting to a rigid track accessing arm (24, 204), a distal mounting section (42, 108) for supporting the slider assembly (20, 204), and first and second laterally spaced suspension beams (44, 46, 110, 112, 206, 208) extending from the proximal mounting section (40, 106) to the distal mounting section (42, 108). The first and second suspension beams (44, 46, 110, 112, 206, 208) have inside and outside edges (66, 68, 124, 126) relative to the longitudinal axis (48, 114, 210) and are flat from the inside edges (66, 124) to the outside edges (68, 126). A first preload bend (80, 113, 214) is formed in the first and second suspension beams (44, 46, 110, 112, 206, 208) transverse to the longitudinal axis (48, 114, 210).