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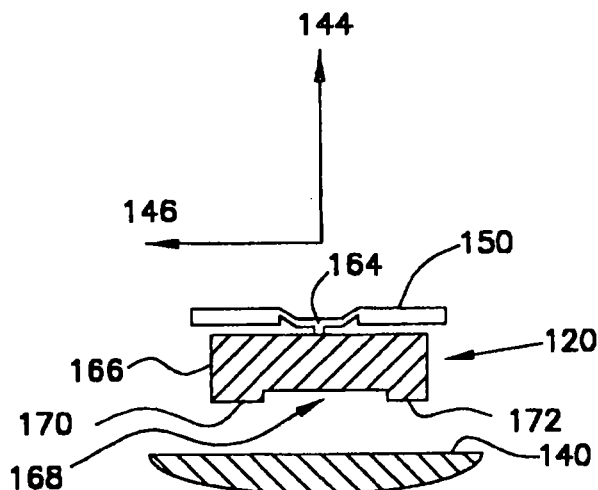


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ACTION

(54) **Title: METHOD AND APPARATUS FOR IMPROVED ROLL STATIC ANGLE ADJUSTMENT**



(57) **Abstract**: The present invention relates to a method and apparatus for providing improved roll static angle adjustment for head gimbal assemblies (HGA's) 122 used in disc drives 110. In the method, proximal and distal clamping members 198 and 180, respectively, are attached to a load beam 148 of the HGA 122 and are separated by a distance 200 of 4-30% of the length 194 of the load beam 148. One of the distal (180) and proximal (198) clamping members is rotated about a longitudinal axis 158 of the load beam 148 such that the relative angular position of the distal (180) and proximal (198) clamping members reaches an adjust angle. Also disclosed is a rigid beam section 156 of an HGA 122 that includes apertures 206 which are positioned along maximum stress contours where early plastic deformation of the rigid beam section 156 is desired during adjustment of the roll static angle.

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