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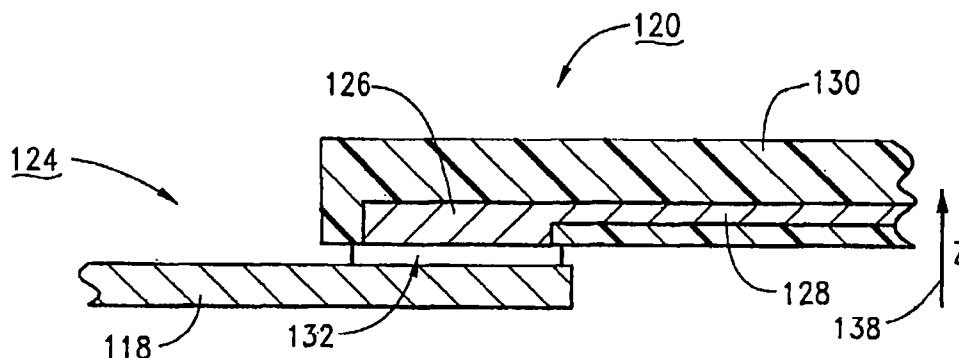
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ACTION

(54) Title: ATTACHMENT OF A HEAD-GIMBAL ASSEMBLY TO A PRINTED CIRCUIT BOARD ACTUATOR ARM USING
Z-AXIS CONDUCTIVE ADHESIVE FILM

(57) **Abstract:** Method and apparatus for forming a disc drive actuator assembly (105). A rigid actuator arm (120) formed of printed circuit board (PCB) material is configured for placement over a rotatable disc (104). A head-gimbal assembly (HGA) (124, 146) is provided comprising a data transducing head (106), a flexible suspension assembly (118) and a conductor (140) which is connected to the head and routed along the flexible suspension assembly. A Z-axis conductive adhesive film (132) is used to mechanically and electrically connect the HGA with a distal end of the PCB actuator arm. The Z-axis conductive adhesive film is substantially conductive across the thickness of the film and is substantially nonconductive along the length and width of the film. In a preferred embodiment, the film establishes a grounding path to dissipate electrostatic charge in the HGA. In another embodiment, the film establishes a data signal path for the head.

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