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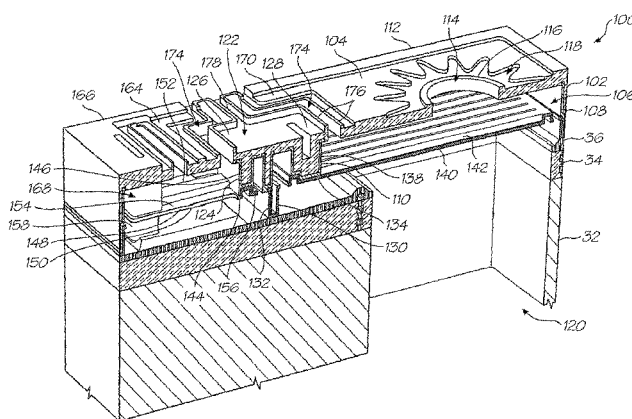
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(54) Title: MOTION TRANSMITTING STRUCTURE FOR A NOZZLE ARRANGEMENT OF A PRINthead CHIP FOR AN INKJET PRINthead



(57) Abstract: A printhead chip for an inkjet printhead includes a plurality of nozzle arrangements (100) positioned on a substrate (32). Each nozzle arrangement includes a chamber structure defining a nozzle chamber (106) that receives ink. An ink ejecting member (140) positioned in the nozzle chamber is displaceable in the nozzle chamber to eject ink from the nozzle chamber. Each nozzle actuator (148) is positioned on the substrate, the actuator having a working portion (156) displaceable with respect to the substrate when the actuator receives a driving signal. A sealing structure (130) is positioned on the substrate between the actuator and the ink-ejecting member inhibiting ink flow between the ink ejecting member and the actuator. A motion transmitting structure (122) pivotally bridges the sealing structure and interconnects the working portion (156) of the actuator and the ink-ejecting member (140) to transmit displacement of the working portion relative to the substrate to the ink ejecting member. Slotted openings (174) form a pair of opposed flexural connectors (178) between the outer structure (170) and the motion transmitting structures (122) allowing torsional deformation accommodating pivotal movement during operation of the nozzle arrangement.



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