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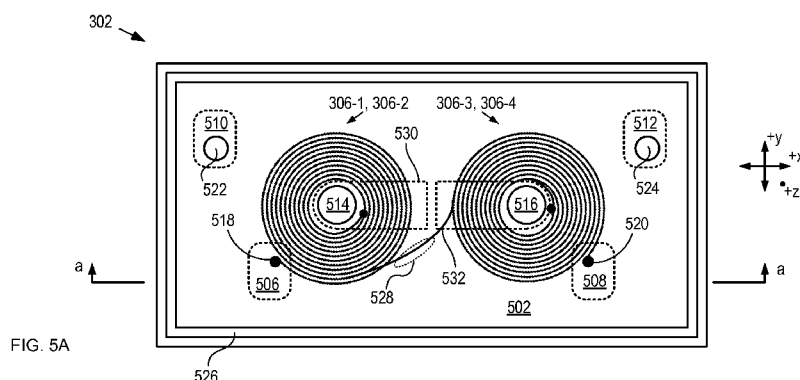
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(54) Title: INTEGRATED MICROMINIATURE RELAY



(57) Abstract: A micro-relay that overcomes some of the limitations and drawbacks of the prior art is disclosed. The micro-relay comprising : (1) a first substrate comprising one or more monolithically integrated planar coils for generating a magnetic field; and (2) a second substrate comprising a magnetically actuated switch having a moving contact that selectively moves in a plane parallel to its substrate. The first and second substrate are aligned and bonded to collectively provide a closed magnetic circuit that efficiently channels the generated magnetic field through the switch.