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(54) **Title:** OPTICAL USER INTERFACE SYSTEM FOR AUTOMOTIVE MODULES

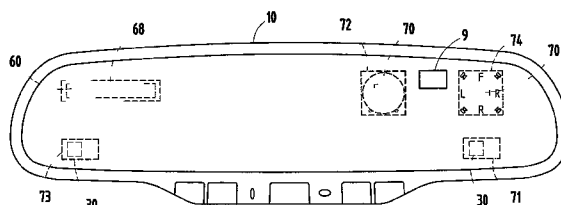


FIG 10

(57) **Abstract:** A rearview assembly for a vehicle including a mounting structure for mounting to a vehicle, a rearward viewing device, and housing with a position sensor, is provided. The position sensor includes first and second radiation emitters, a radiation reception element, and sensor processing circuitry coupled to one of the position sensors and the radiation reception element. The position sensor determines the position of an object in the vicinity of the rearward viewing device.



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