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(54) **Title**: ARTICULATED SENSOR SUPPORT STRUCTURE

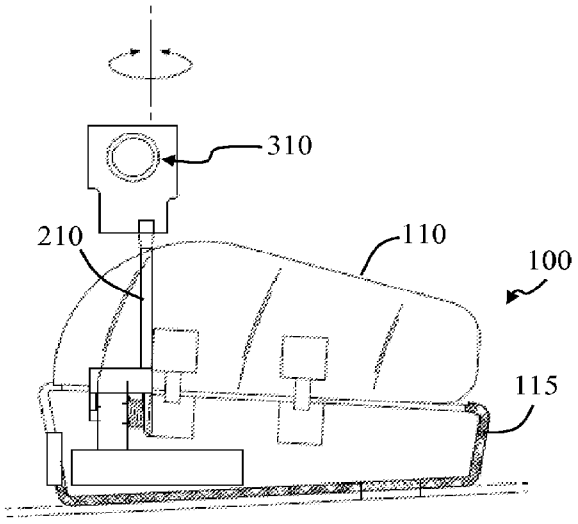


FIG. 7

(57) **Abstract**: Embodiments include an assembly comprising: (a) a camera support structure comprising: a masthead (320) disposed on the distal end of a mast (210) wherein the masthead (320) is configured to receive an imaging element (1110); where a proximal end of the mast (210) rotatably engaging an azimuth-elevation joint assembly (140); and (b) a camera support structure housing 100 comprising an aperture (120) and a hatch (110) wherein the hatch (110) is resiliently biased to close the aperture (120), and wherein the camera support structure (220) is configured to overcome the hatch resilient bias by at least one of the release of a pin (1150) restraining a loaded spring and a rotational actuation of the mast via the azimuth-elevation joint assembly (140).

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