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(54) **Title:** A SYSTEM AND METHOD FOR A SENSOR WALL PLACING UAV

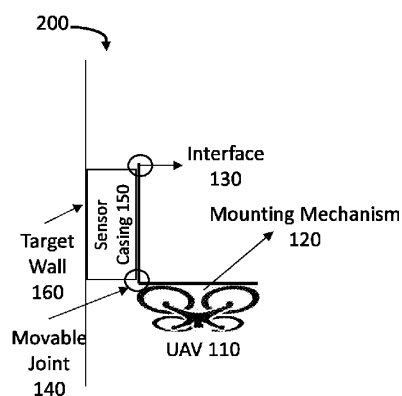


Fig. 2c

(57) **Abstract:** A sensor wall placing Unmanned Aerial Vehicle (UAV) comprising: a UAV frame; a plurality of motors; a mounting mechanism configured to detachably attach a sensor casing comprising at least one sensor, during flight of the sensor wall placing UAV, the mounting mechanism being connected to a top part of the sensor wall placing UAV so that the mounting mechanism is facing upwards from the top part of the sensor wall placing UAV, and upon detachably attaching the sensor casing to the mounting mechanism, a face of the sensor casing faces away from the sensor wall placing UAV thereby enabling the sensor wall placing UAV to perform a maneuver that results in direct contact between the face of the sensor casing and a target wall.

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