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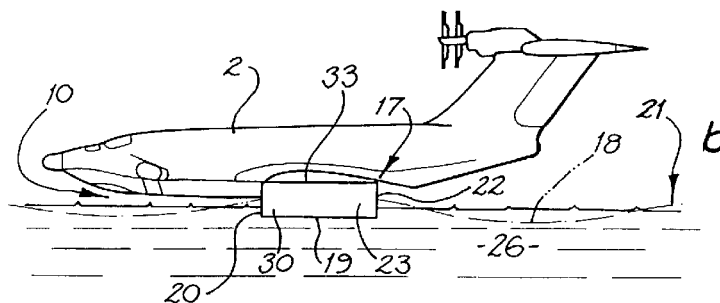
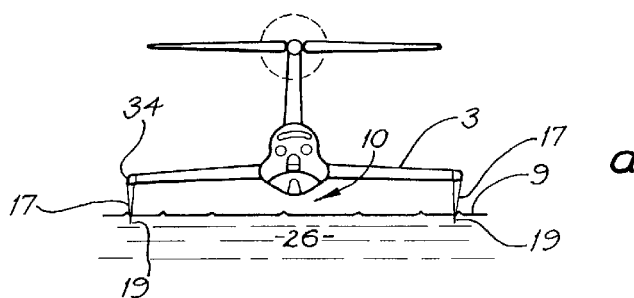
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(54) Title: WING IN GROUND EFFECT VEHICLE WITH ENDPLATES



(57) **Abstract:** A wing-in-ground effect vehicle has endplates (17) at the ends of wings (3). These extend below fuselage (2) and are designed for constant submergence during flight over water. The nose of each endplate (17) is designed to generate a supercavity extending the length of endplate (17) at cruising speed. To facilitate lengthening of the supercavity at lower speeds, protruding ridges may be provided downstream from each nose. At least the rear portions of endplates (17) are laterally displaceable (eg due to pivoting around a vertical axis) to avoid damage to endplates (17) by water pressure when the vehicle travels at a yaw angle. This "weathercocking" of endplates (17) aligns them with the water flow and allows them to be narrower.