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(57) Abstract :

Disclosed is an L-shaped Oscillating Water Column (L-OWC) system (100) includes a vertical column (102) that houses an air flow generator (112) on top, one or more cylindrical air chambers (108A-N), each cylindrical air chamber of the one or more 10 cylindrical air chambers (108A-N) is positioned on either side of the vertical column (102) and adapted to facilitate the L-OWC system (100) to float on water level and attenuate wave energy, a horizontal column (104) that is positioned on lower side of the vertical column (102), and one or more anchors (110A-N) that are positioned on lower side of the horizontal column (104) and facilitates the L-OWC system (100) to secure to bed of a body 15 of water to prevent from drifting due to wind or current. The present disclosure also relates to a method (200) of operating the L-OWC system (100). Figure 1A will be the reference

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