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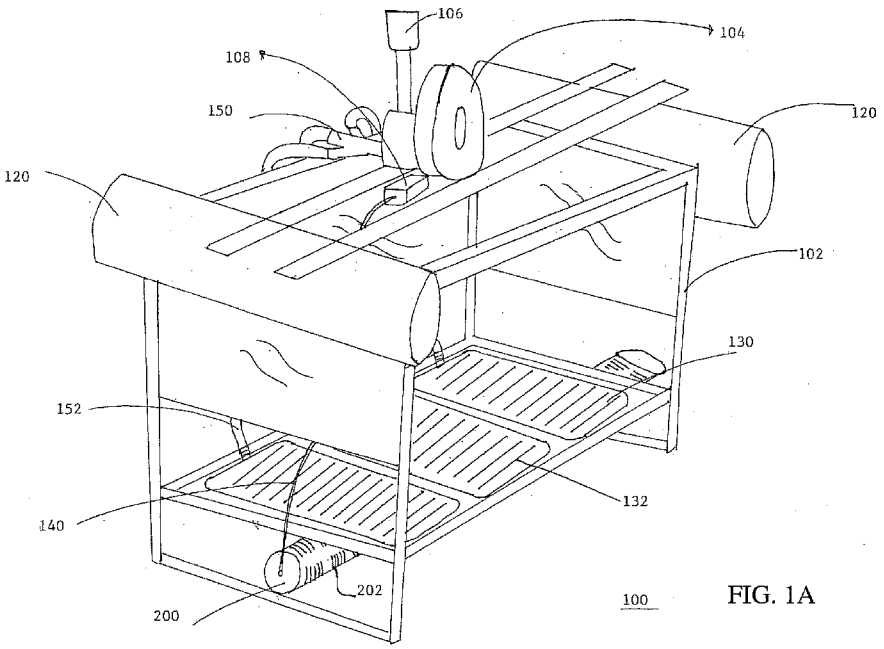


FIG. 1A

(57) Abstract: An aeration and microbial reactor system for use in decontaminating water including a housing adapted to float within the medium such that a top portion thereof remains adjacent a top surface of the contaminated water while the bioreactor containing inoculated carrier media is attached below. Beneficial microbial populations thrive and spread throughout the liquid medium, and consume or fix the contaminant such that the contaminant is removed from the water.

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