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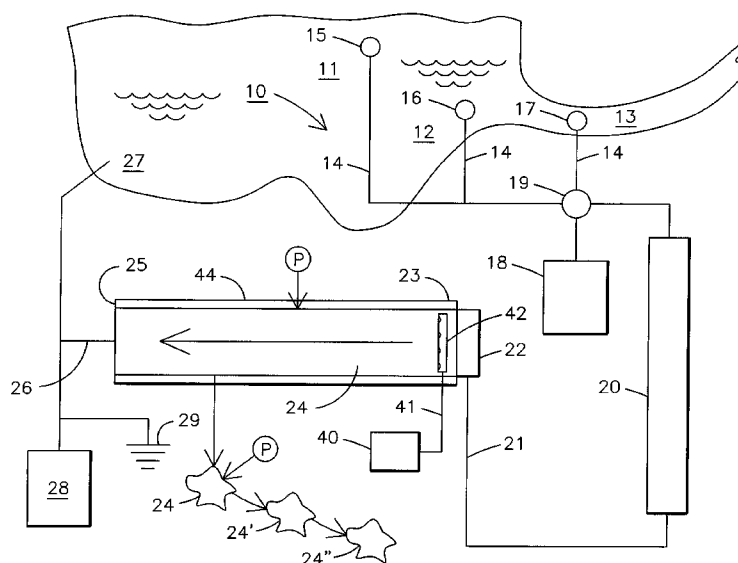
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(54) Title: PERIPHYTON FILTRATION PRE- AND POST-TREATMENT SYSTEM AND METHOD



(57) Abstract: Periphyton filtration is a known method for performing bioremediation of polluted water. The present system (10) improves upon this method by adding a strong oxidizer, such as ozone from an ozone generator (18) to the influent, and in some cases to the effluent to make organically bound nutrients available to a target culture in a periphyton bed (24) or to aquatic plants to reduce the population of undesirable microinvertebrates and to make organically bound nutrients available to the periphyton. A pesticide (P) may be added to control insect populations.



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