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### Tremblay et al.

#### (54) HIGH EFFICIENCY ELECTROLYSIS CELL FOR GENERATING OXIDANTS IN SOLUTIONS

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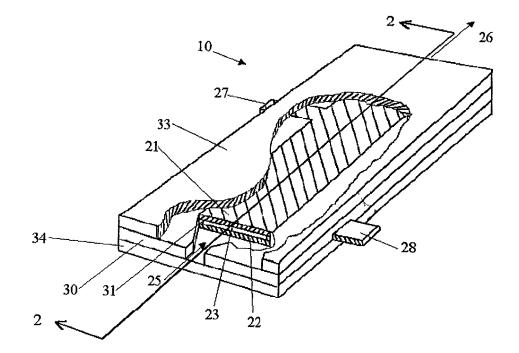
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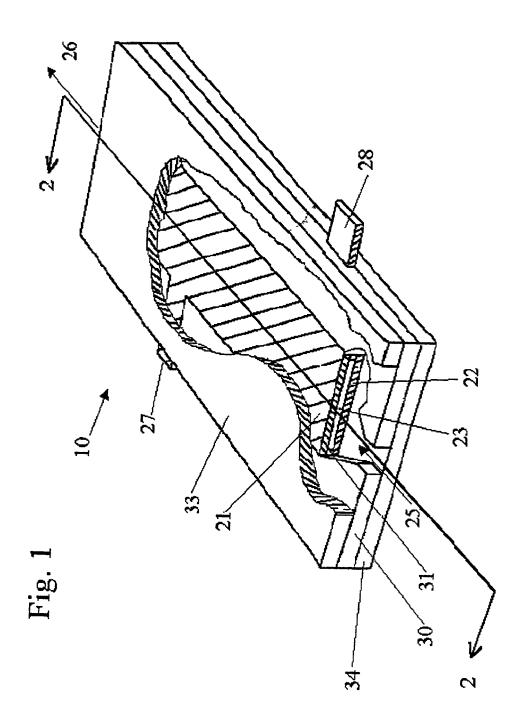
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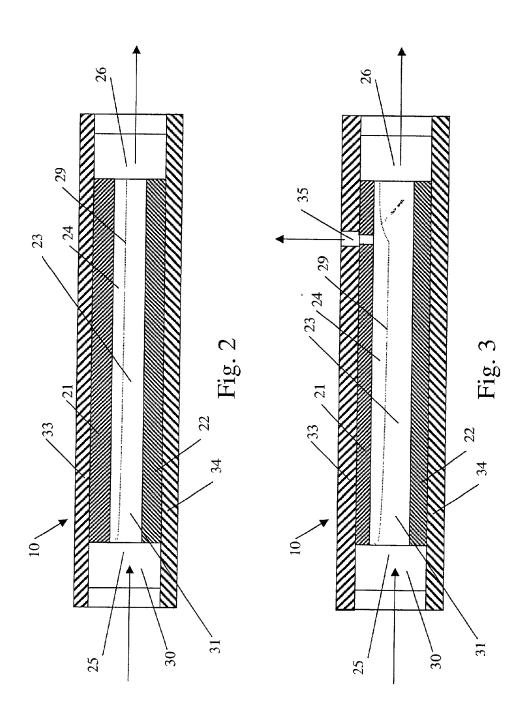
204/237; 204/275.1

### (57) ABSTRACT

A method for killing microorganisms in water, by passing an aqueous feed solution comprising of water containing some form of halide salt into a non-membrane electrolysis cell comprising an anode and a cathode, adjacent to the anode, while flowing electrical current between the anode and the cathode to electrolyze the aqueous feed solution and convert the halide salt to anti-microbial mixed oxidants.







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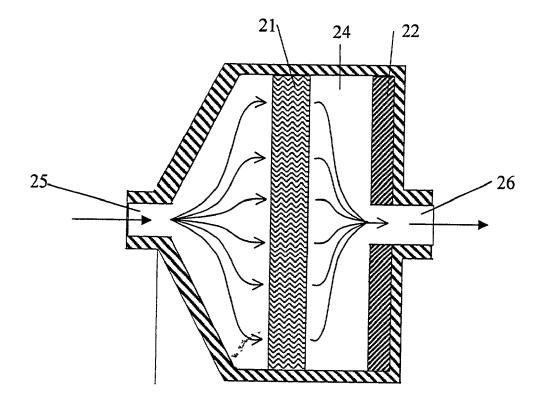
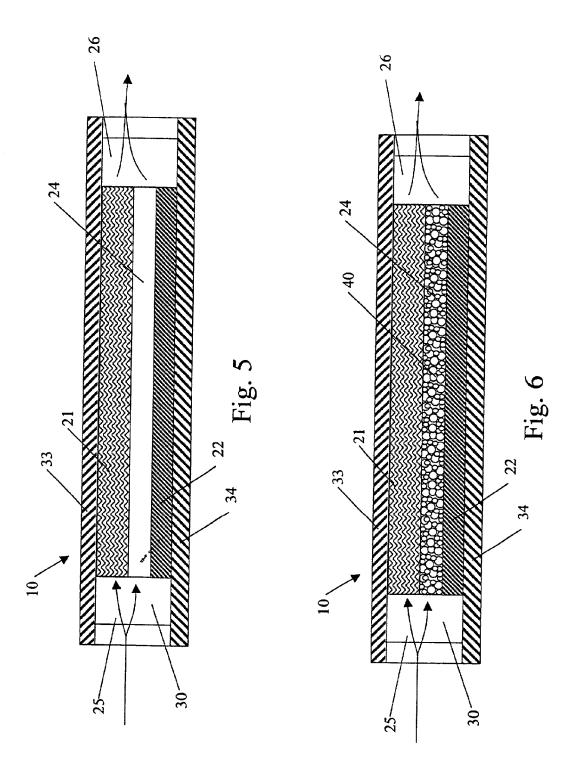


Fig. 4

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