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rier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).**Inventors:** **OBEE, Timothy, N.**; 351 Foster Street, South
Windsor, CT 06074 (US). **HAY, Stephen, O.**; 2606 MillPond Drive, South Windsor, CT 06074 (US). **SANGIO-
VANNI, Joseph, J.**; 150 South Stone Street, P.O. 363, West
Suffield, CT 06093-0363 (US). **HERTZBERG, Jared, B.**;
50 Linden Street, New Haven, CT 06511 (US).(74) Agent: **HABELT, William, W.**; Carrier Corporation, In-
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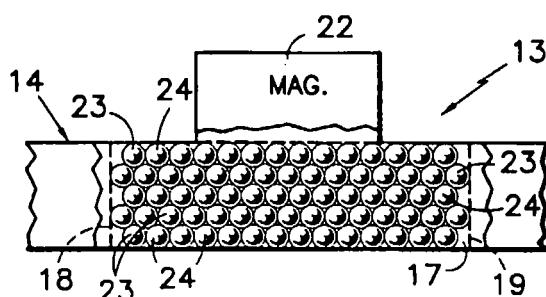
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(54) Title: ELECTRODELESS ULTRAVIOLET DISCHARGE FLUID REMEDIATION



(57) Abstract: Spherical (23) or cylindrical (27, 36) electrodeless ultraviolet lamps are used to remediate fluid, directly or by excitation of ultraviolet-activated photocatalyst surfaces, which may be on the lamps themselves, or on structures which are permeable by the fluid. The lamps may be excited in cavities (18, 19, 43) by microwave energy from magnetron (22), or by radio frequency power (39) inductively coupled (40) to the lamps. The lamps (44) may have start-up electrodes (47).