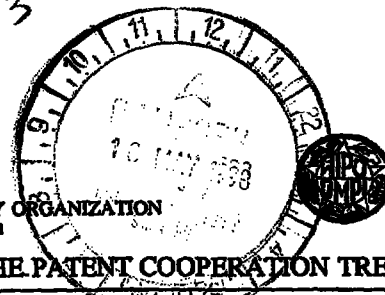


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(21) International Application Number: PCT/US96/04268 (22) International Filing Date: 29 March 1996 (29.03.96) (30) Priority Data: 08/518,120 ☒ 22 August 1995 (22.08.95) US (71) Applicant: DURACELL INC. [US/US]; Berkshire Corporate Park, Bethel, CT 06801 (US). (72) Inventors: DAVIS, Stuart, M.; 26 Noon Hill Avenue, Norfolk, MA 02056 (US). HAINES, Christopher, P.; 3 Shelly Lane, Westford, MA 01886 (US). LEEF, Alexander, A.; Apartment 4-11, 1105 Lexington Street, Waltham, MA 02154 (US). MOSES, Peter, Ricker; 61 Kendall Pond Road, Windham, NH 03087 (US). (74) Agent: CORNELL, Ronald, S.; Duracell Inc., 360 First Avenue, Needham, MA 02194 (US).	(81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: ADDITIVES FOR ALKALINE ELECTROCHEMICAL CELLS HAVING MANGANESE DIOXIDE CATHODES (57) Abstract The invention relates to alkaline cells containing manganese dioxide cathode active material. A substance selected from the group of compounds CaWO_4, MgTiO_3, BaTiO_3, CaTiO_3, ZnMn_2O_4, or $\text{Bi}_{12}\text{TiO}_{20}$ or any combination thereof is added to the cathode of conventional alkaline cells typically having an anode comprising zinc and cathode comprising manganese dioxide and an alkaline electrolyte. The additive increases the service life of the cell.		