

ABSTRACTELECTROCHEMICAL CELL WITH ZINC ANODE  
~~IMPROVED ALKALINE CELL~~

The present invention is an improved alkaline cell wherein the capacity of each of the anode and cathode is at least 0.48 and more preferably to at least 0.5 ampere-hour per  $\text{cm}^3$  of internal cell volume. This is achieved by employing zinc densities of at least 1.4 grams of zinc per  $\text{cm}^3$  of anode volume and  $\text{MnO}_2$  densities of at least 2.7 grams of  $\text{MnO}_2$  per  $\text{cm}^3$  of cathode volume.