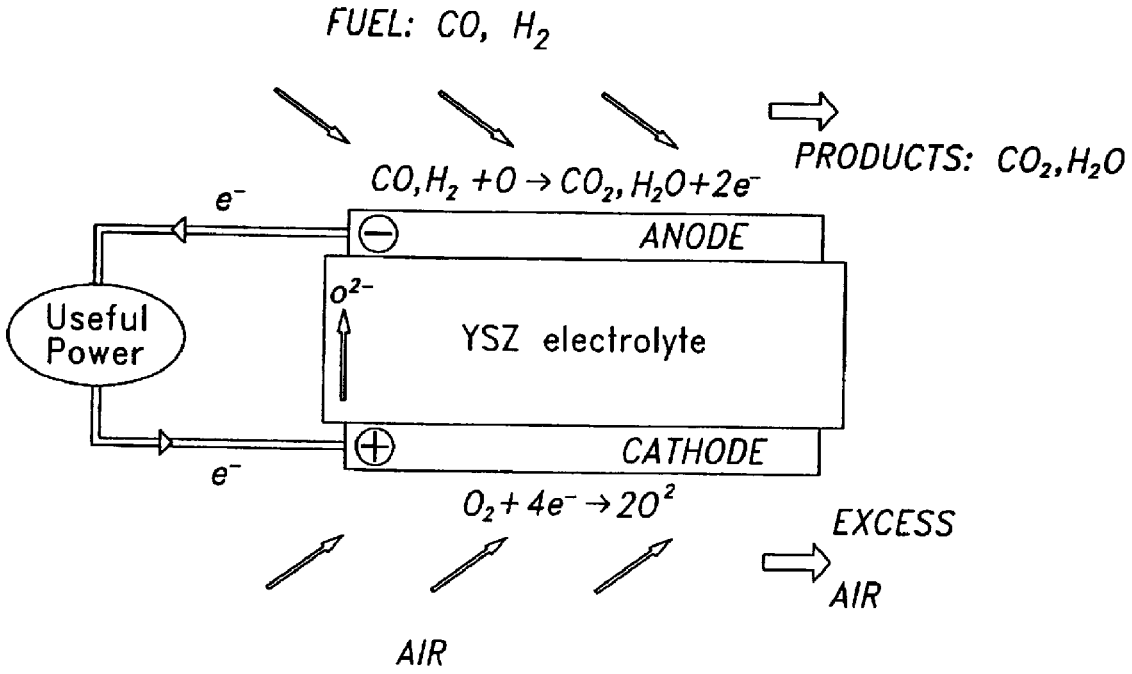
FUEL: CO, $H_2$
PRODUCTS: $CO_2$, $H_2O$
$CO, H_2 + O \rightarrow CO_2, H_2O + 2e^-$
$e^-$
ANODE
$O^{2-}$
Useful Power
YSZ electrolyte
CATHODE
$e^-$
$O_2 + 4e^- \rightarrow 2O^2$
EXCESS AIR
AIR

**Fig. 1**