

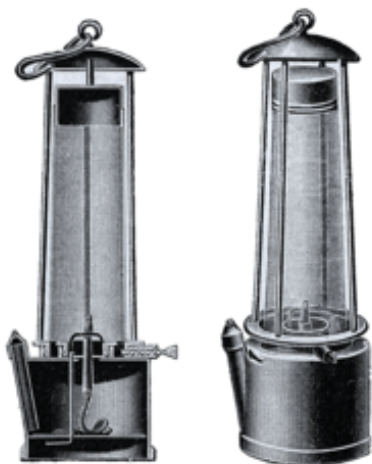
Humphry Davy 1778-1829



N_2O Laughter gas
chlorine

Isolated by electrolysis Potassium, Sodium, Magnesium, Calcium, Strontium, Barium, Aluminum: K, Na, Mg, Ca, St, Ba, Al

Security lantern
In coal mines



Chemical bond comes from electric charge attraction

Diamond is a carbon crystal.

Arc lamp from discharge in carbon electrodes.

Not all acids contain oxygen, but all have hydrogen.