***William Thomas Grubb & Leonard Niedrach***

*Employed by General Electric*

*In 1958, they developed the “Grubb-Niedrach Fuel Cell” which included platinum on titanium gauze and was used in the Gemini space programme*

***Fuel Cell Types***

*Alkaline*

*Direct Methanol*

*Phosphoric Acid*

*Proton Exchange Membrane*

*Molten Carbonate*

*Solid Oxide*

***NASA Scientists***

*Developed the alkaline fuel cell further for the Apollo space programme during the 1960’s*

***Henry K Ihrig***

*Built a 20 hp fuel cell powered tractor for Allis-Chalmers in 1959*

***Dr Thomas Francis Bacon***

*(1904 – 1992)*

*Developed the first alkaline fuel cell that could be used for practical applications*

***Ludwig Mond & Charles Langer***

*Coined the phrase “fuel cell” in 1889 and recorded the use of a platinum-impregnated diaphragm as a catalyst*

***William Robert Grove***

*(1811 – 1896)*

*Developed the Grove cell using zinc and platinum electrodes and later the gas voltaic battery which produced electricity by combining hydrogen and oxygen*

***Christian Friedrich Schönbein***

*(1799 – 1868)*

*Famous for the original principle of the fuel cell, as well as the discovery of nitrocellulose and ozone*

*Famous Fuel Cell Scientists*