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(54) Title: METHOD OF CONVERTING GREEN HOUSE GASES FROM FOSSIL FUELS INTO NON-TOXIC BASE ELEMENTS

(57) Abstract: A process which includes the steps of first collecting the green house gases, such as CO₂, SO₂, Nox, CO, emitted from a furnace where fossil fuels are burned; flowing the gases to a sequestration unit where the gases are cleaned and scrubbed; moving the scrubbed gases to a compressor for reducing the volume of the gases; introducing the gases into a plasma arc for ionizing the gases to charged components; providing a source of free electrons; capturing the free electrons in a dense free electron zone; introducing the charged components from the plasma arc into the dense free electron zone for rendering the ions into elemental fragments of carbon, oxygen gas, nitrogen, hydrocarbons, and other elemental components; collecting the elemental fragments of carbon and other elements; routing the oxygen gas to the furnace to provide oxygen to burn additional fossil fuels.



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