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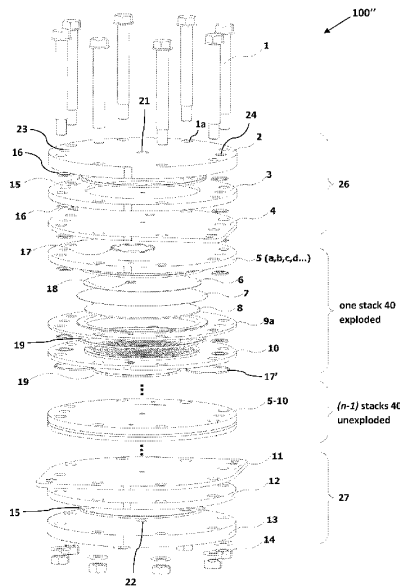


Figure 4

(57) Abstract: The present invention relates to the field of converting gaseous carbon dioxide to gas-phase products at elevated pressures with high conversion rates via electrolysis performed by a novel multi-stack CO₂ electrolyzer cell (100'') that has a novel gas and fluid flow architecture formed in bipolar plate assemblies used to construct individual stacks (40) of the cell (100'').

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