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(54) Title: HYDROGEN GENERATION SYSTEM

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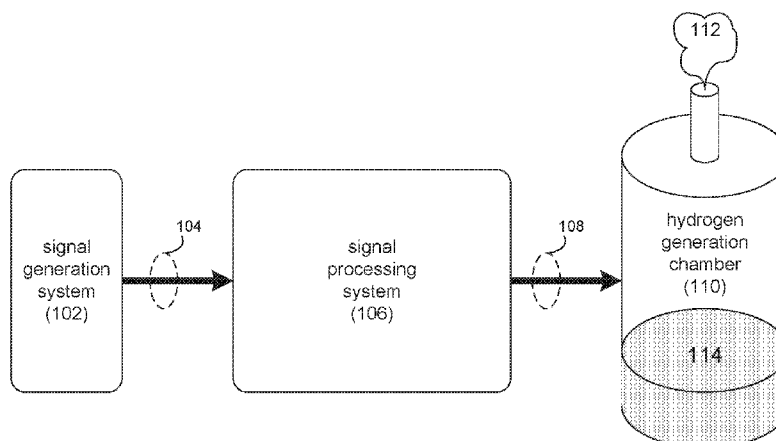


FIG. 1

(57) Abstract: A hydrogen generation system includes a signal generation system configured to generate a driver signal. A signal processing system is configured to process the driver signal and generate a chamber excitation signal. A hydrogen generation chamber is configured to receive the chamber excitation signal and generate hydrogen from a feedstock contained within the hydrogen generation chamber.