HHO Production Project, 17 January 2013

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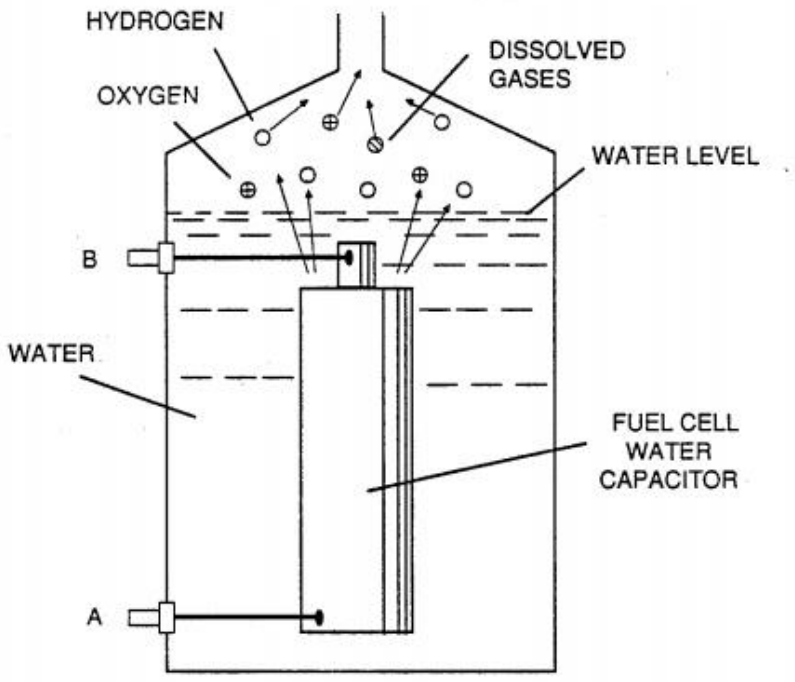
Problem Definition

- The gasoline in a car is extremely inefficient, and nowadays extremely spendy for consumers. It also, ruins the environment and sooner or later we're going to run out.
- Hydrogen can be used as a renewable energy source, but the question is whether it can be produced efficiently.
- Apply a toroid transformer by January 30, 2013. Find a way to measure hydrogen gas produced by March 10, 2013.
- The resources needed are an electrical engineering kit, proto-boards, stainless steel plates, HHO measuring tool, and a voltage stabilizer.

Proposed Solution

- Using two 555 timer chips, and a "step up charging" circuit, you need to pulse a two-sided voltage into the capacitor (water fuel cell), to produce maximum HHO production (which is that which fuels the car engine).

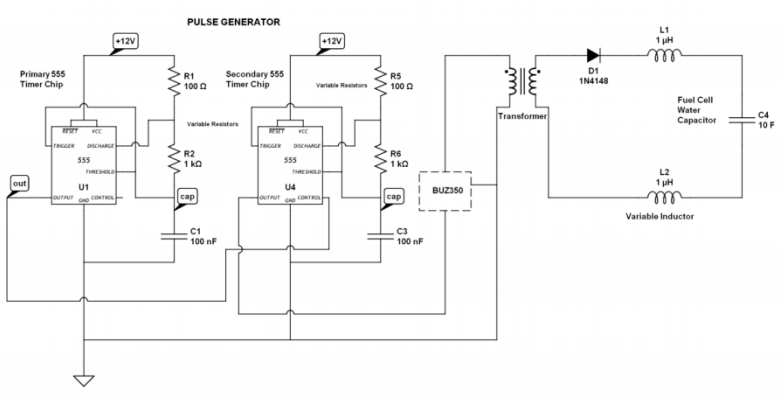


Research/Analysis

- This project was initiated because of the annoyance with gasoline as fuel, and its inefficiency.
- Research done on transformers, capacitors, inductors, and variable resistors was done.
- Research on creating the fuel cell battery efficient was conducted (because of the law input = output or less, then how can the battery run efficiently?). "Step-up charging" is a focus.

Potential Applications

- We need to find a way to measure HHO, and stabilize the input voltage of 12V from the DC car battery.
- Possibly tune the fuel cell (with variable resistors, switches, and variable capacitors) to be used with distilled water, tap water, rain water, and saltwater.



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