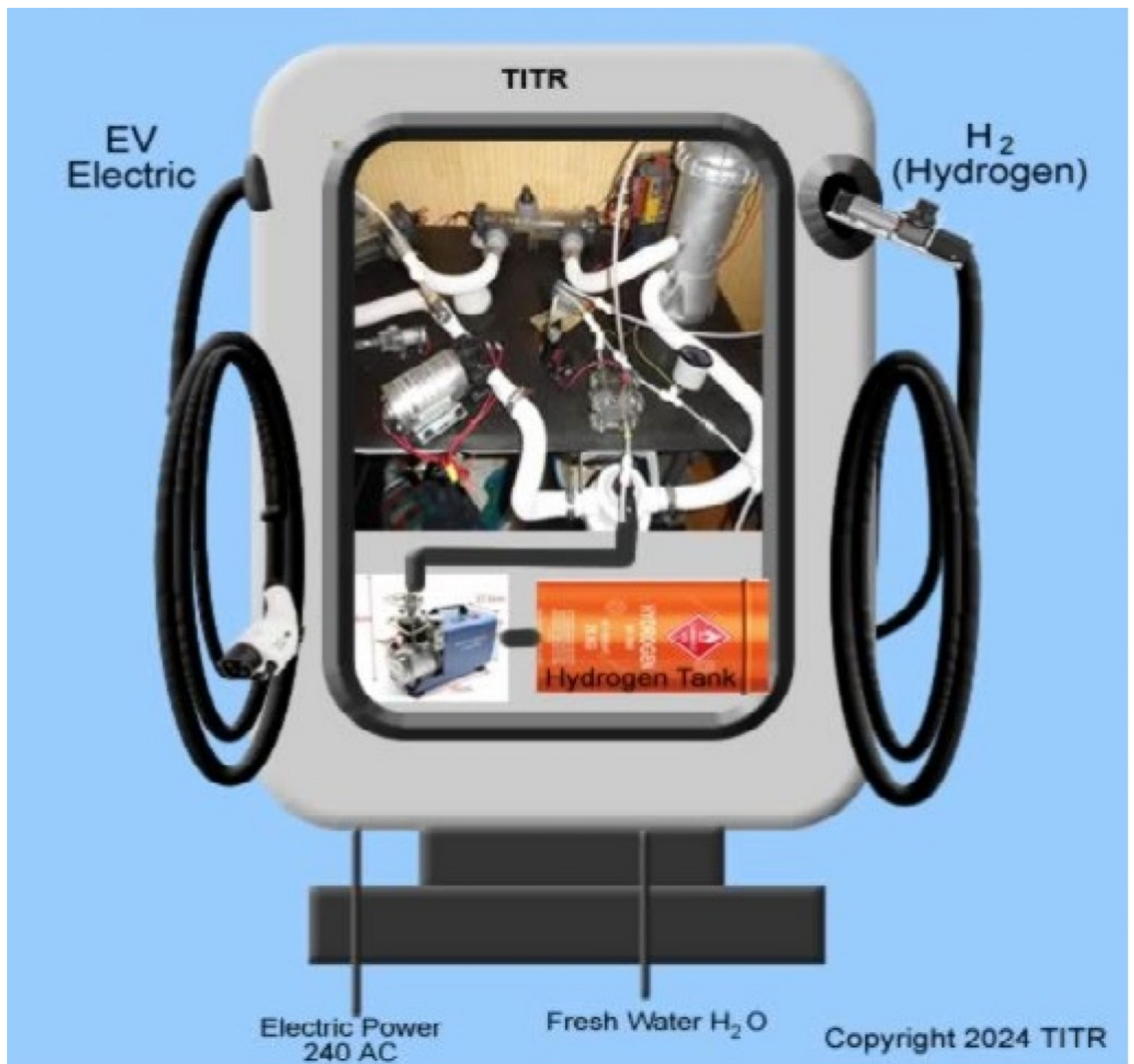


## World's Only Multi Port Fueling System for Internal Combustion Engines, Hybrids and Fuel Cells



Salisbury, Maryland Sep 16, 2024 ([Issuewire.com](https://www.issuewire.com)) - Thomas Institute for Technology Research developed a unique world's first prototype for a proof-of-concept that works continually producing 100% hydrogen gas.

<https://thomasinstitute.weebly.com>

Would companies be interested in owning their own hydrogen fuel production technology with EV

charging all in the same unit?

How would you like to drive a car, truck, etc. that refuels like a normal car?

This [hydrogen gas technology](#) will add many hydrogen combustion and fuel cell vehicles now that there is an infrastructure for refueling vehicles in the [near future](#).

The TITR fueling station is similar to the Tesla refueling station with the addition of a hydrogen generator for fuel cells and for combustion.

Mercedes, Toyota, BMW, Honda, Hyundai, and others are working on a Hydrogen Combustion Engine proof of concept prototype.

The number of fueling stations is small in number and mostly located in one region of the country. Now, it will be possible to drive up to an EV / H2 station and refuel with little or no inconvenience allowing for unlimited travel.

The Future is Clean Green EV and Hydrogen Fuel for the Automotive Industry providing reliability low car cost, low maintenance cost, and a return to improving manufacturing profitability.

H2 combustion is 99.999% clean using Thomas' closed loop system with automatic self-sustaining electrolysis of water.

The Thomas [electrolyzer breaks down H2O](#) (water) into its elements hydrogen and Oxygen.

In electrical terms, the energy density of hydrogen is equal to 33.6 kWh of usable energy per kg, versus diesel which only holds about 12–14 kWh per kg. The 350-watt prototype will produce up to 40 liters a minute of pure hydrogen for combustion or fuel cell usage.

Encasing the TITR unit in the center of a Tesla or Similar Charging Station will allow for either EV or Hydrogen re-fueling. No need for a Hydrogen Fueling Infrastructure.

All problems were solved by Thomas' hydrogen production system leading to continued use of EVs and a novel way of re-fueling Hydrogen combustion transportation.

## Media Contact

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Source : Thomas Institute for Technology Research

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