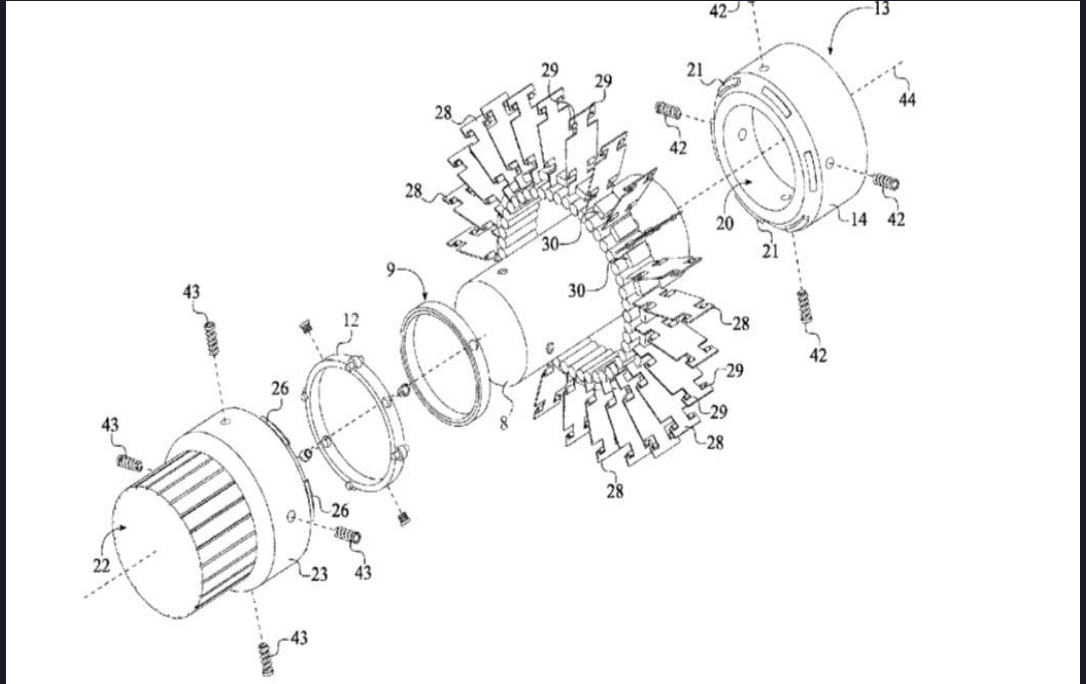
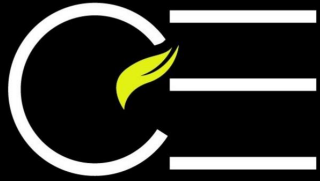


Magnetic Energy Converter



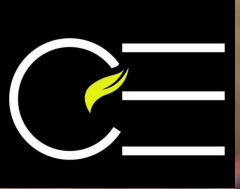


The Magnetic Energy Converter (MEC) is a a patented, world-changing device

- 20% range increase in Electric Vehicles
- We are in the process of proving the technology
- We are a part of UCSD's Talent Foundry
- Development started in Dec 2014; utility patent granted in October 2020
- NSF I-Corp customer discovery: 50+ interviews conducted



The problem



The Major Problems Facing EVs



Drivers of EVs often experience range anxiety due to the challenges these vehicles face with range limitations

Currently, these vehicles convert energy to mechanical force with an efficiency rate of 77%

Slow progress in increasing charging infrastructure capacity will not keep up with the pace of EV production, leading to further problems

Sources:
<https://ww2.arb.ca.gov/news/california-moves-accelerate-100-new-zero-emission-vehicle-sales-2035>
<https://www.fueleconomy.gov/feg/evtech.shtml#:~:text=Energy%20efficient,to%20power%20at%20the%20wheels>



The Solution

Opportunity

We harness the movement of EVs as an additional power source

By utilizing Cash Electronic Design's MEC technology, we capture the rotational force of the axle without impeding the vehicle's motion, converting it into energy that increases the EV's range per charge

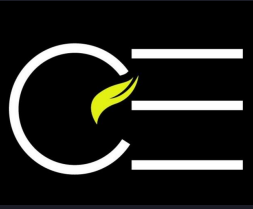


Value Proposition



By adding 20% axle waste energy recovery into the EV's standard 77% energy conversion rate, we will enable game-changing energy conversion of 97%





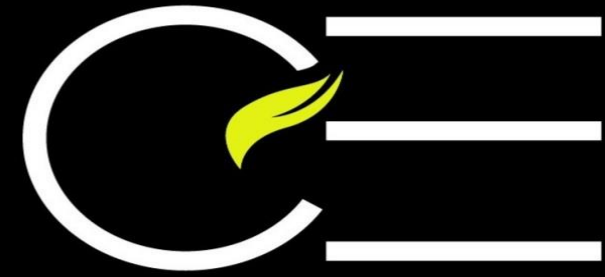
How we will make money

Cash Electronic Designs intends to focus on industrial Electric Vehicle manufacturers once the technology is ready for commercialization

Our intention is to concentrate our efforts on establishing strong relationships with corporations such as Amazon, UPS, USPS, FedEx, and similar companies

After successful pilots, we will plan to collaborate with prominent EV manufacturers including Tesla, Ford, GM, Fiat, BMW, Mercedes, etc.





Our serviceable market

\$3.1 Billion

631,152 EVs sold in the US in 2021

Expected price: \$5k per unit

By 2030 EVs will represent 60% of the Global vehicle market

<https://www.iea.org/reports/by-2030-evs-represent-more-than-60-of-vehicles-sold-globally-and-require-an-adequate-surge-in-chargers-installed-in-buildings>





Thank you