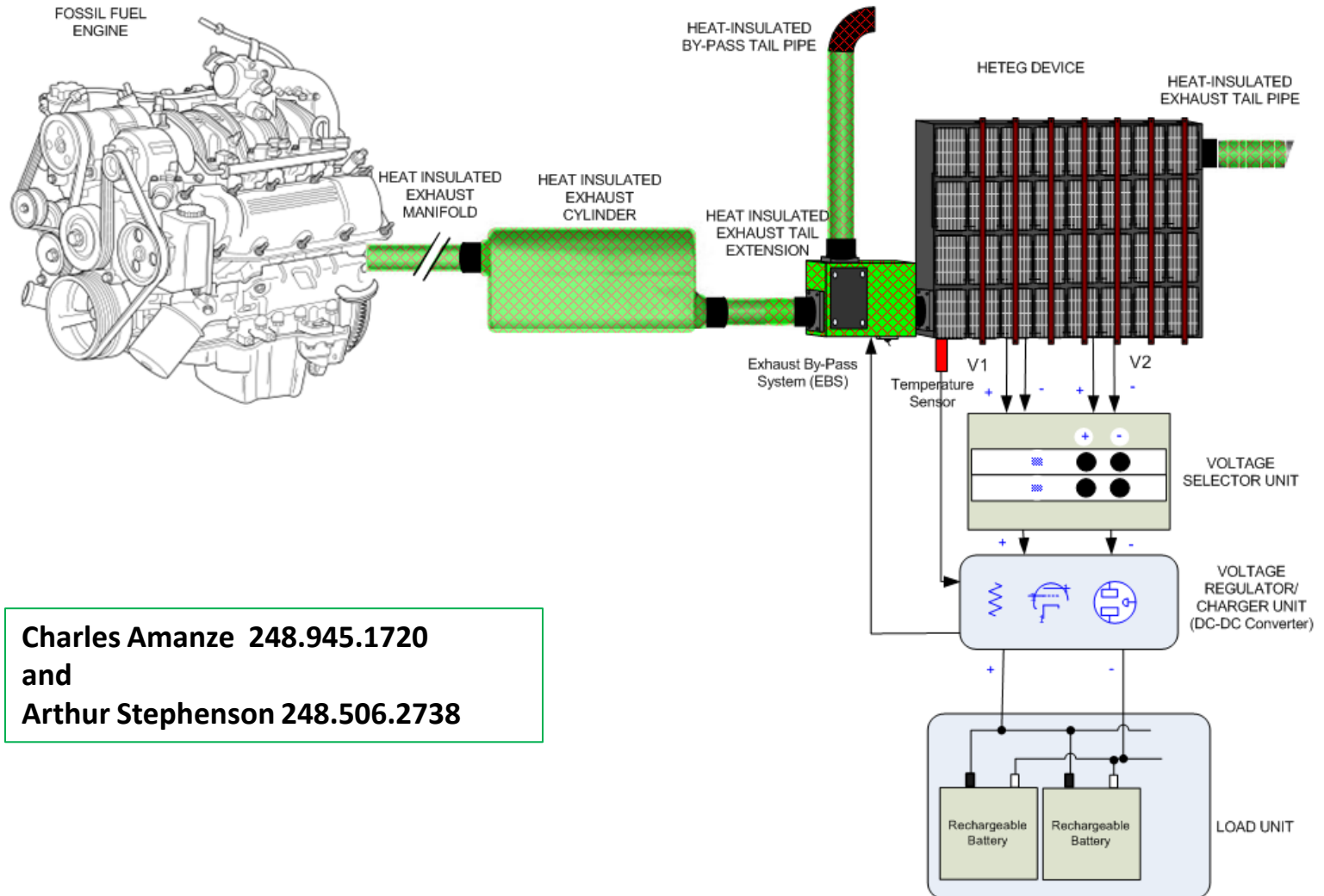
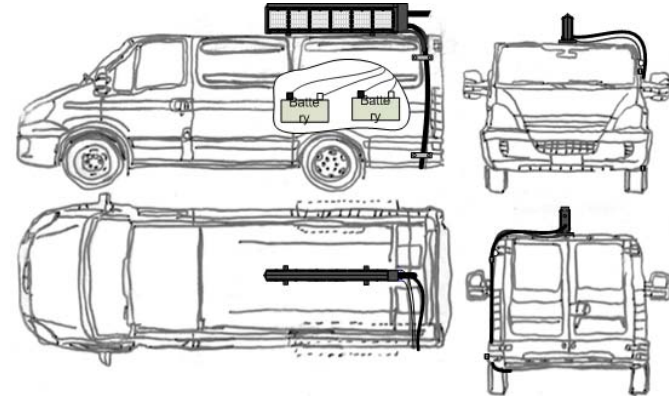
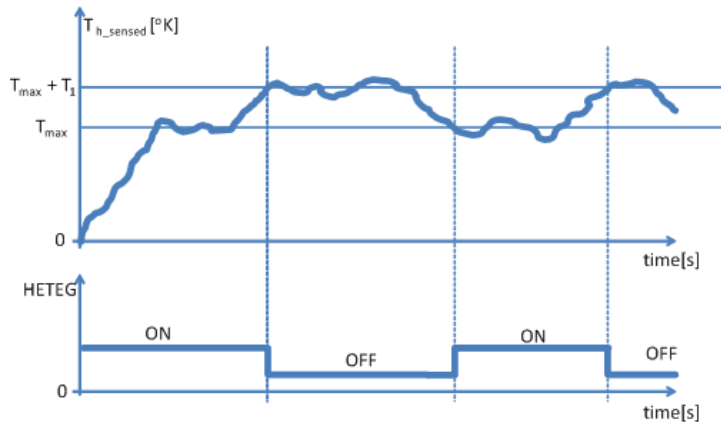


# Modular Low Cost High Energy Exhaust Heat Thermoelectric Generator (HETEG) with Closed-Loop Exhaust By-Pass System

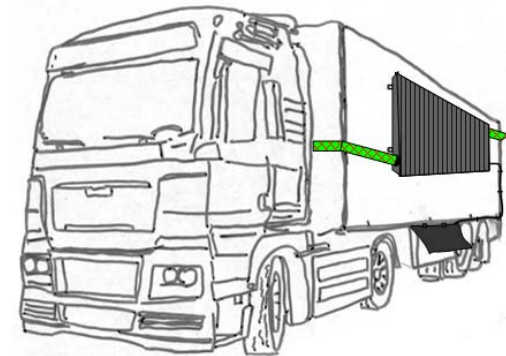


# Modular Low Cost High Energy Exhaust Heat Thermoelectric Generator (HETEG) with Closed-Loop Exhaust By-Pass System



## Advantages

- Modular components allow for easy maintenance
- Multiple thermoelectric modules can be arranged in an array to form large configuration
- Wind gust contributes to cooling cold side
- Exhaust By-pass System protects modules from overheating
- Relatively constant energy is generated using Exhaust By-pass System
- Exhausts of idling trucks could be redirected into independent HETEG to generated energy



## Development Status

- Preliminary research is ongoing
- Research funding is being sought for advanced development