

ABSTRACT

A system and method of using GEPs to conduct and distribute heat energy. The system includes at least one heat energy source, at least one GEP, a system for extracting heat energy through the GEP, and a system for distributing the heat energy extracted through the GEP. The present invention can include a variety of heat sources including geothermal, solar, nuclear, chemical, magmatic, or electrical energy. The present invention can include a variety of devices to engage the heat source. The present invention can also include a variety of conduits upon which graphene is applied or combined to form GEPs. The system for extracting heat energy can include a variety of devices, such as heat exchangers, boilers, turbines, thermocouples, or thermoelectric generators. The system for distributing heat energy can include a computer controlled manifold or regulator for dividing the heat energy extracted through the heat source. The system for distributing heat energy can include a variety of devices for converting the heat energy into other forms of energy including electricity, steam, mechanical, potential, kinetic, elastic, conduction, convection, chemical, nuclear, or incandescence.

Figure 5