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(72) Inventor; and

(71) Applicant: PARRELLA, Michael, J. [US/US]; 40 Kellogg Hill Road, Weston, CT 06883 (US).

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(54) Title: SYSTEM AND METHOD OF CAPTURING GEOTHERMAL HEAT FROM WITHIN A DRILLED WELL TO GENERATE ELECTRICITY

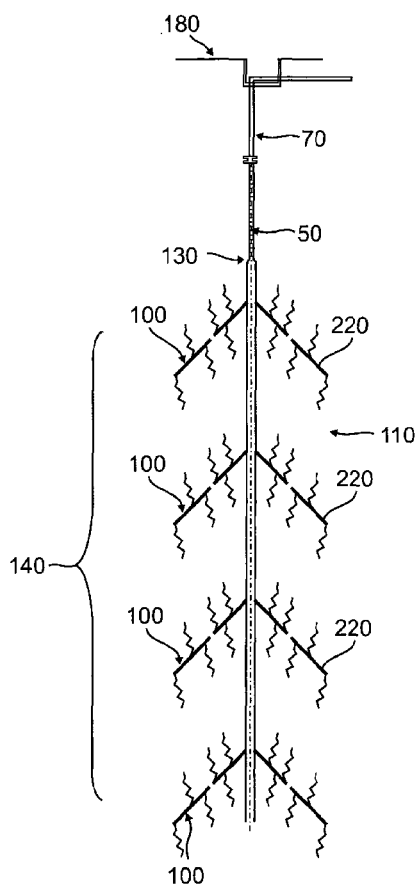


FIG. 5

(57) Abstract: A closed-loop, solid-state system generates electricity from geothermal heat from a well by flow of heat, without needing large quantities of water to conduct heat from the ground. The present invention contemplates uses for depleted oil or gas wells and newly drilled wells to generate electricity in an environmentally-friendly method. Geothermal heat is conducted from the Earth to a heat exchanging element to heat the contents of pipes. The pipes are insulated between the bottom of the well and the surface to minimize heat dissipation as the heated contents of the pipes travel to the surface.



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