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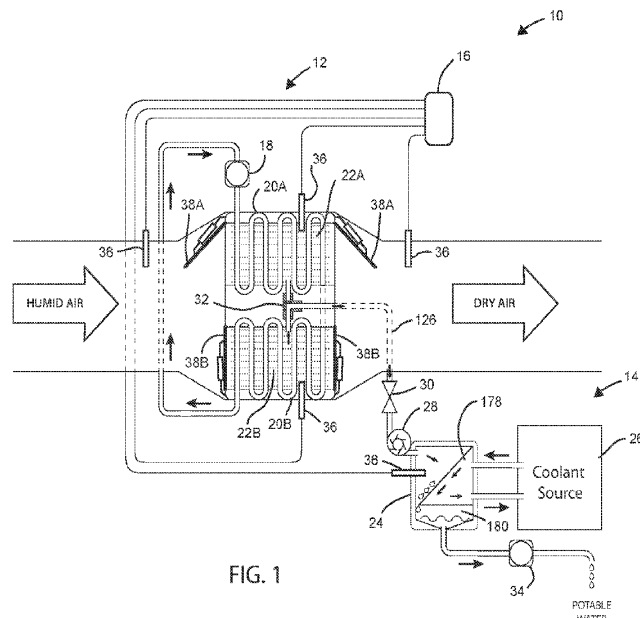
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(54) Title: LATENT ENERGY AND WATER HARVESTING SYSTEM



(57) Abstract: A latent energy and water harvesting system and method are disclosed that may be used to harvest energy in air conditioning systems in buildings and vehicles. The latent energy and water harvesting system comprises plural heat exchanging contactors, the heat exchanging contactors further comprising a coating of an adsorbent material. The adsorbent material is formulated to adsorb and desorb adsorbate in an air stream.

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