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(71) **Applicants** (for all designated States except US): **FMC TECHNOLOGIES, INC.** [US/US]; 1803 Gears Road, Houston, TX 77067 (US). **HYDRO TECHNOLOGIES, INC.** [US/US]; 9249 Eastman Park Drive, Unit A, Windsor, CO 80550 (US).

(72) **Inventors; and**

(75) **Inventors/Applicants** (for US only): **JASKOLSKI, Corey** [US/US]; 508 Vivian Street, Severance, CO 80546 (US). **MULHOLLAND, John J.** [GB/GB]; 33 Rose Street, Dunfermline KY12 0QT (GB). **McSTAY, Daniel** [GB/GB]; 6 Kirkton of Durris, Aberdeenshire AB31 6BQ (GB).

(74) **Agent:** **QUERY, Henry C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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(54) Title: METHOD FOR MODIFYING A BARRIER IN AN INDUCTION POWER AND/OR DATA TRANSFER SYSTEM TO IMPROVE POWER TRANSFER EFFICIENCY

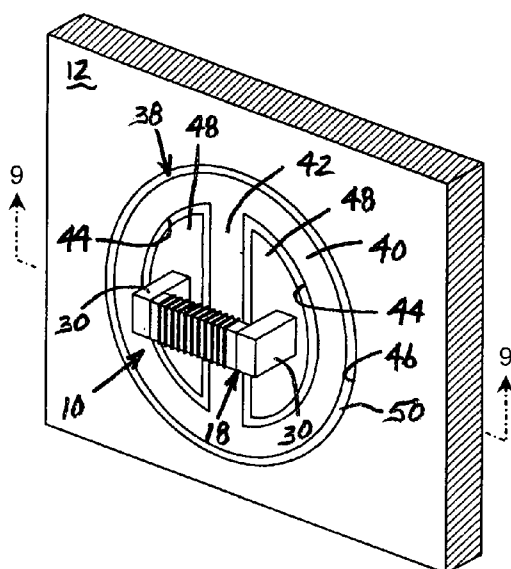


Fig. 8

(57) Abstract: A method for increasing the power transfer efficiency of a wireless induction power and/or data transfer system comprising a magnetic field transmitter which is positioned on a first side of a barrier and a magnetic field receiver which is positioned on a second side of the barrier opposite the first side comprises the steps of disposing at least one flux flow member in or adjacent the barrier at least partially between the transmitter and the receiver. The flux flow member comprises a magnetic permeability different from the magnetic permeability of the barrier. As a result, the flux flow member increases the amount of magnetic flux generated by the transmitter which is coupled through the barrier and into the receiver.



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