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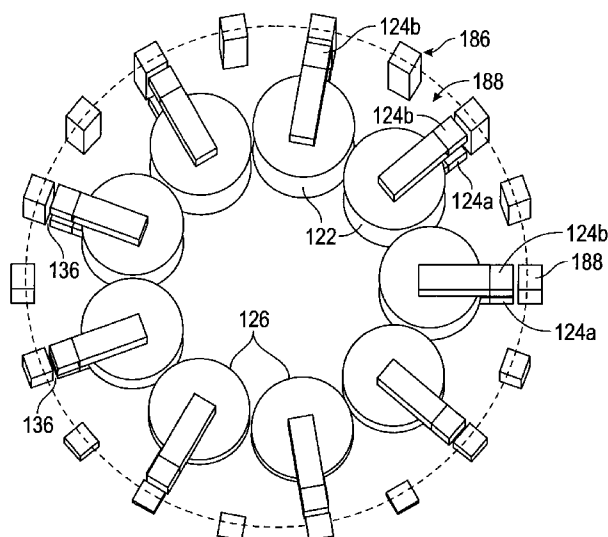


FIG. 19

(57) Abstract: An electromagnetic generating transformer comprises one or more flux assembly having one or more magnetic field source having a positive pole and a negative pole and a magnetic field passing in a path between the positive pole and the negative pole and a conductor magnetically coupled with the one or more magnetic field source, the magnetic field source and the conductor being fixed relative to one another; a shunt is coupled with a motive source and configured to move the shunt into a primary position and a secondary position, wherein the magnitude of the magnetic field passing between the positive pole and the negative pole varies when the shunt is moved between the primary position and the secondary position.

