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Epstein

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(54) **DRIVE CIRCUIT FOR MAGNETIC STIMULATION**

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A61N 2/00 (2006.01)

(52) **U.S. Cl.** **600/9**

(58) **Field of Classification Search** 600/9-15
See application file for complete search history.

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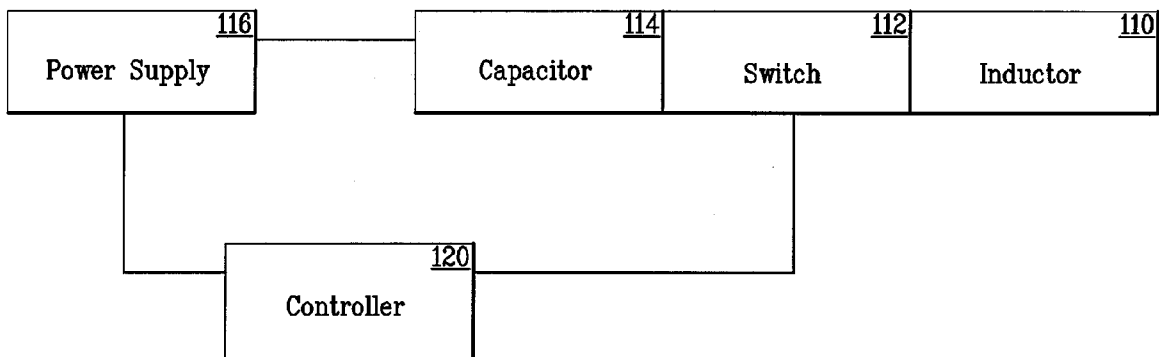
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(57) **ABSTRACT**

The inventive technique includes devices and methods for generating a magnetic field. One such device may include an inductor for generating a magnetic field and a power source for providing power. Such a device may also include a semiconductor switching device that operatively couples the inductor and power source, wherein the semiconductor switching device directs power from the power source to the inductor to generate the magnetic field.

44 Claims, 4 Drawing Sheets



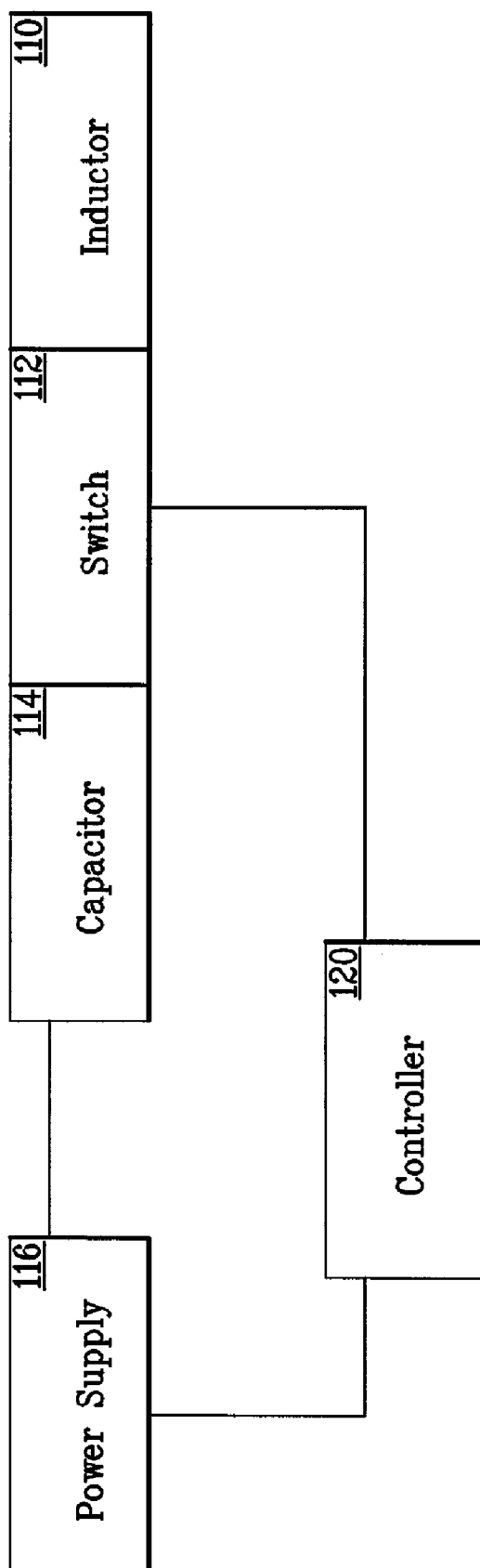
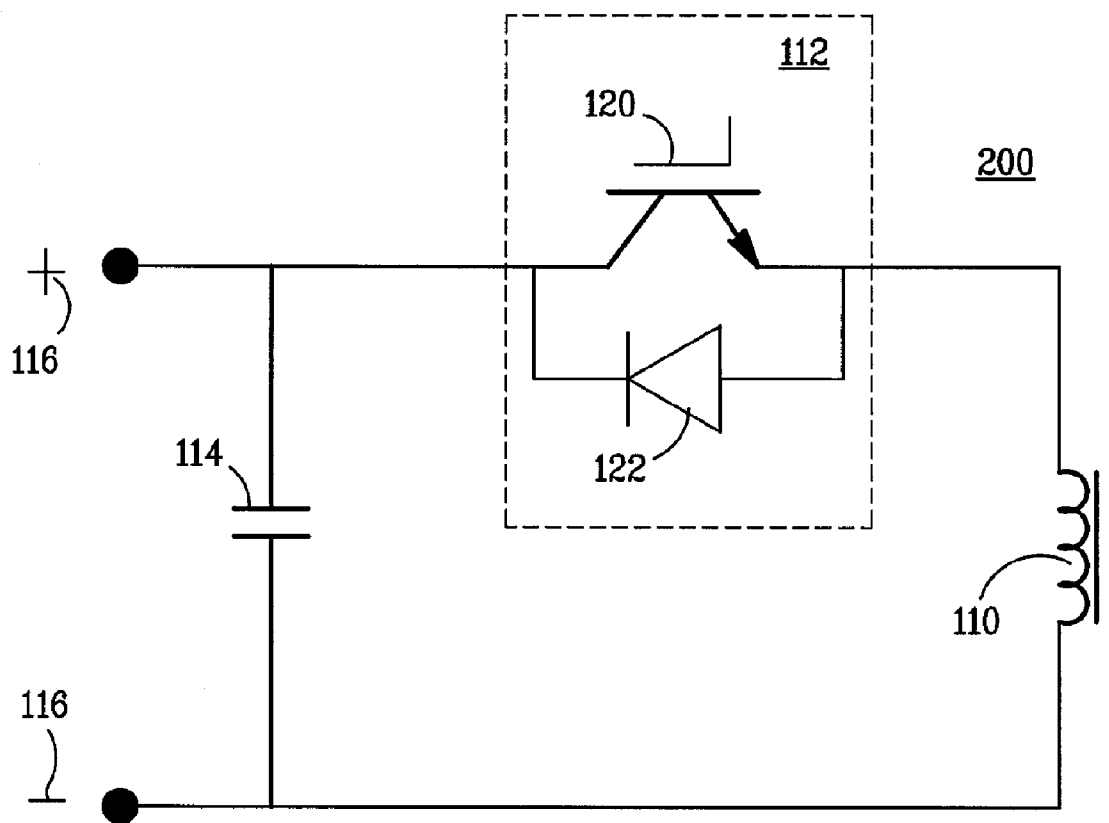
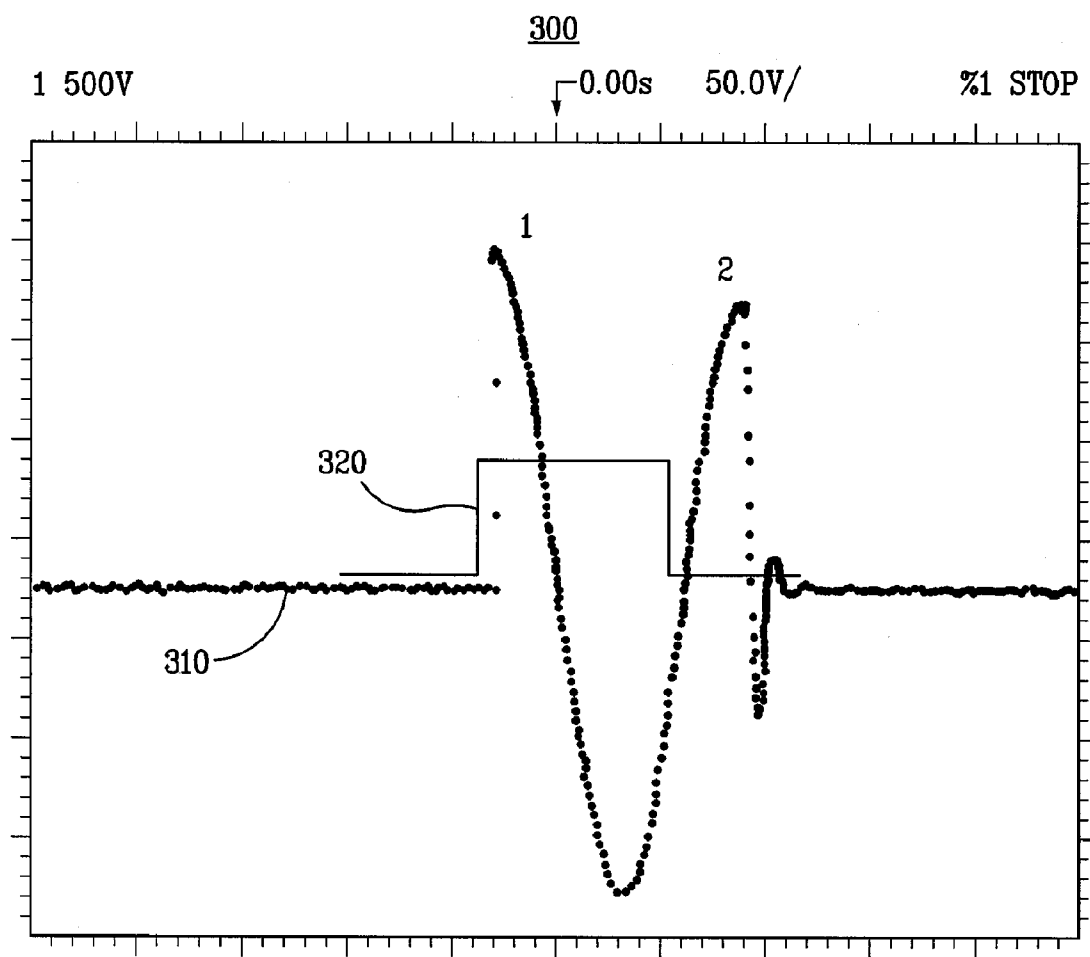
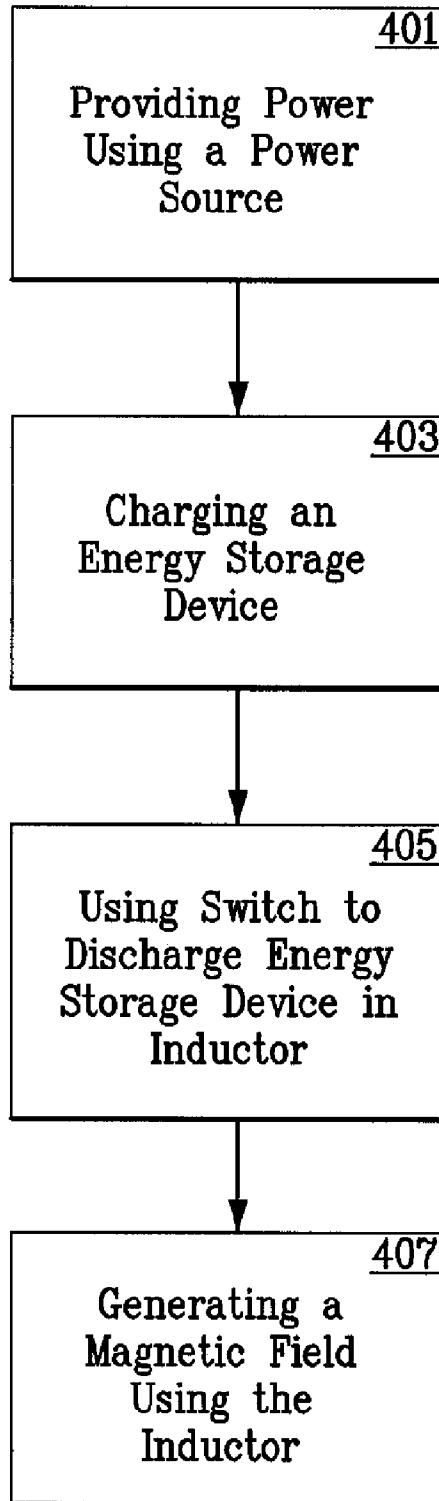


FIG. 1

*FIG. 2*

*FIG. 3*

*FIG. 4*



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