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(54) LOCALIZATION OF CAPSULE WITH A SYNTHETIC SOURCE OF QUADRUPOLES AND DIPOLES

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 - § 371 (c)(1),
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Related U.S. Application Data

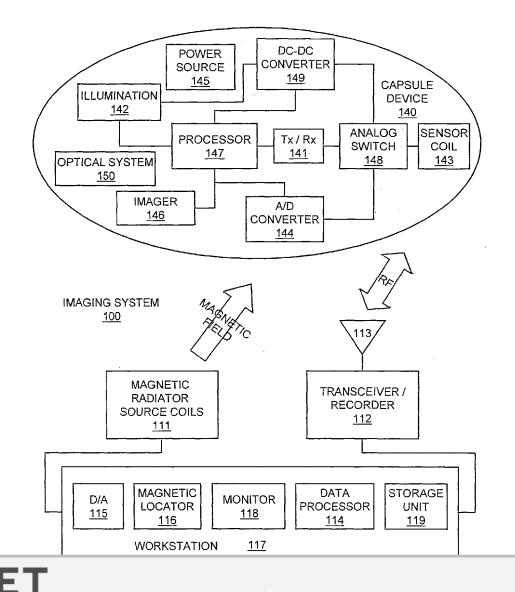
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(57) ABSTRACT

This invention relates to methods and apparatus for localizing an in vivo imaging device by means of a single magnetic source coil assembly and a single magnetic detector coil assembly. This invention also relates to methods and apparatus to enable the use of a single magnetic source coil assembly to also transmit and receive information, images, and controls signals, as well as for the coil assembly to be used in DC-DC voltage conversion. A user interface with a display provides the user with the option of viewing selected images captured by the in vivo imaging device.



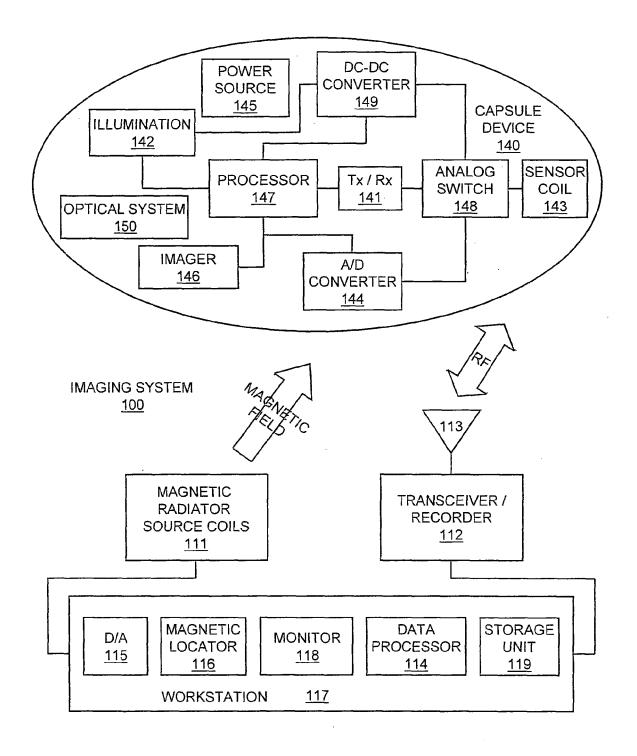
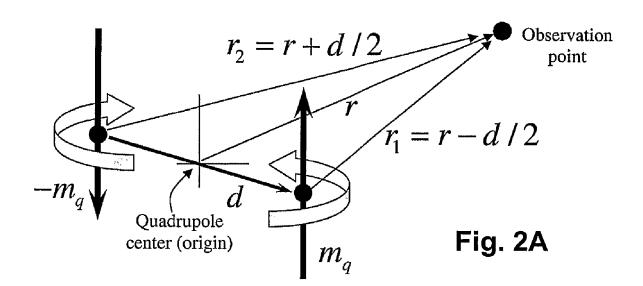
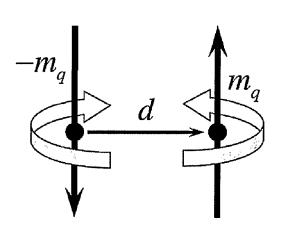


Figure 1

Δ





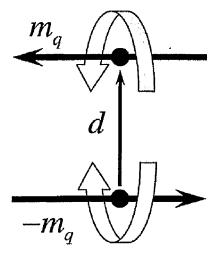


Fig. 2B

Fig. 2C

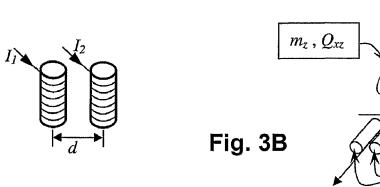
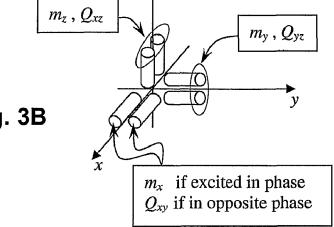
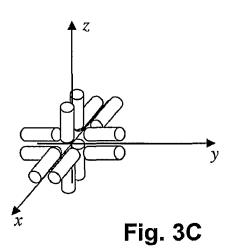


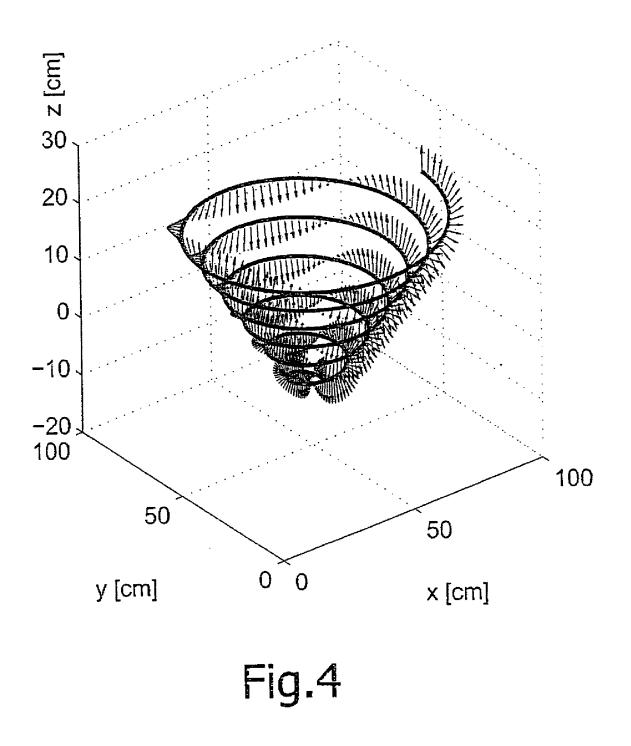
Fig. 3A



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