

Abstract Submitted
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Magnetic Coil Design and Analysis MICHAEL BULATOWICZ,
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Patent Applications US20100194506 and US20110247414 can produce substantially
greater magnetic field homogeneity as compared to the traditional realized versions
of idealized magnetic coil geometries such as spherical or Helmholtz. The new coil
geometries will be described in detail and will be compared and contrasted to re-
alized versions of idealized geometries, including discussion of errors not typically
accounted for in traditional coil design and analysis.

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