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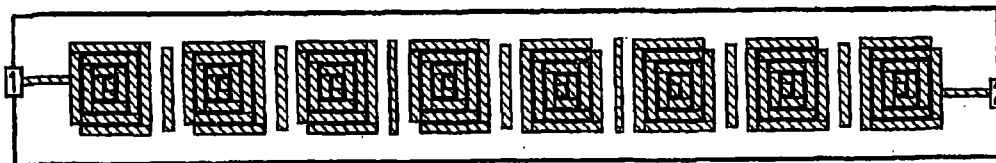
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- (71) Applicants (for all designated States except US): **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, Delaware 19898 (US). **GUO, Juinn-Sheng** [US/US]; 6 Hollister Leight Court, Newark, Delaware 19702 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ALVAREZ, Robby** [US/US]; 70 Hidden Valley Drive, Newark, Delaware 19711 (US). **ESTRADA, Callxto** [US/US]; 411 Skyview Drive, Middletown, Delaware 19707 (US). **MARTIN, Paul, J.** [US/US]; 937 Hudson Street, Gloucester City, New Jersey 08030 (US). **MCCAMBRIDGE, James, D.** [US/US]; 406 Walnut Lane, Swarthmore, Pennsylvania 19081 (US). **ROSSI, Robert, J.** [US/US]; 347 Rockmead Drive, Wilmington, Delaware 19810 (US). **SHEN, Shi-Yuan** [US/US]; 5 Stone Barn Lane, Wilmington, Delaware 19807 (US).
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(54) Title: LASER TRIMMING TO TUNE THE RESONANCE FREQUENCY OF A SPIRAL RESONATOR, THE CHARACTERISTICS OF A HIGH TEMPERATURE SUPERCONDUCTOR FILTER COMPRISED OF SPIRAL RESONATORS, OR THE RESONANCE FREQUENCY OF A PLANAR COIL.



(57) Abstract: This invention provides a laser trimming method for tuning the frequency of a spiral resonator, and for improving the characteristics of a high temperature superconductor filter comprised of high temperature superconductor spiral resonators, by tuning the individual high temperature superconductor spiral resonators. This invention also provides a method for tuning the resonance frequency of a high temperature superconductor planar coil. This invention also provides a laser ablation process for creating high temperature superconductor circuit elements.

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