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Zennamo, Jr. et al.

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[54] QUALITY FACTOR IMPROVEMENT FOR FILTER APPLICATIONS

United States Patent [19]

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[21] Appl. No.: 707,070

[22] Filed: May 29, 1991

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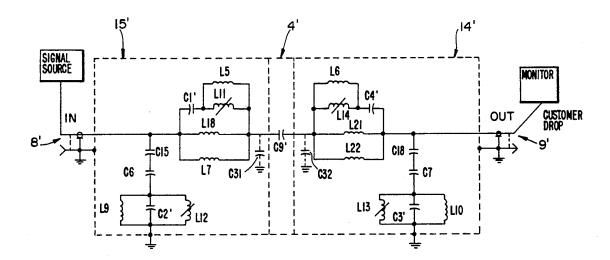
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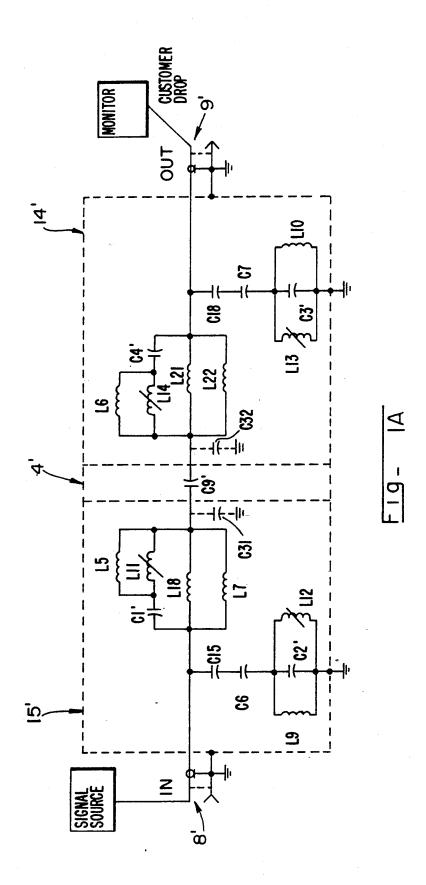
[57] ABSTRACT

A tuned filter having an improved Q is disclosed in which two or more inductors are placed in parallel to increase the net Q relative to a single inductor of the same net inductance and/or two or more capacitors are placed in series to increase the net Q relative to a single capacitor of the same net capacitance to improve the Q of a tuned filter.

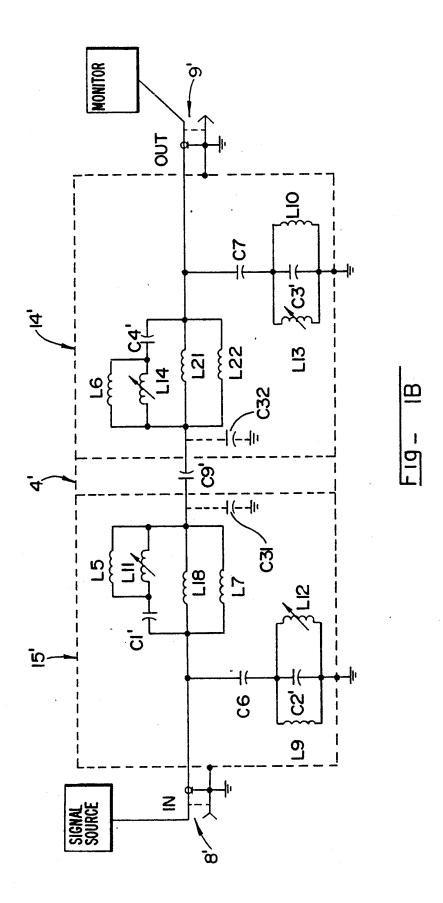
11 Claims, 9 Drawing Sheets

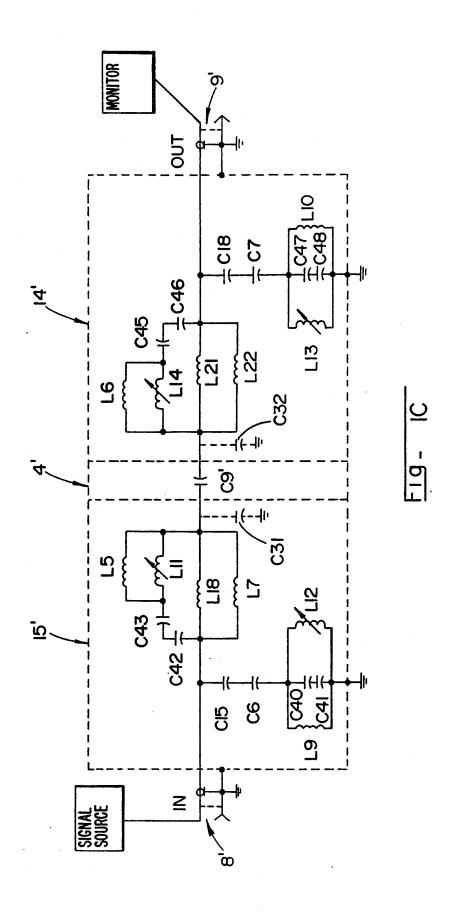




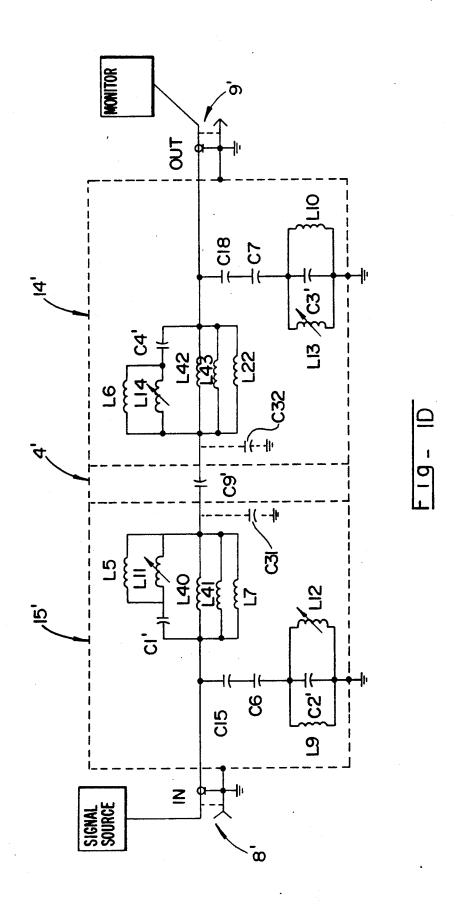












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