

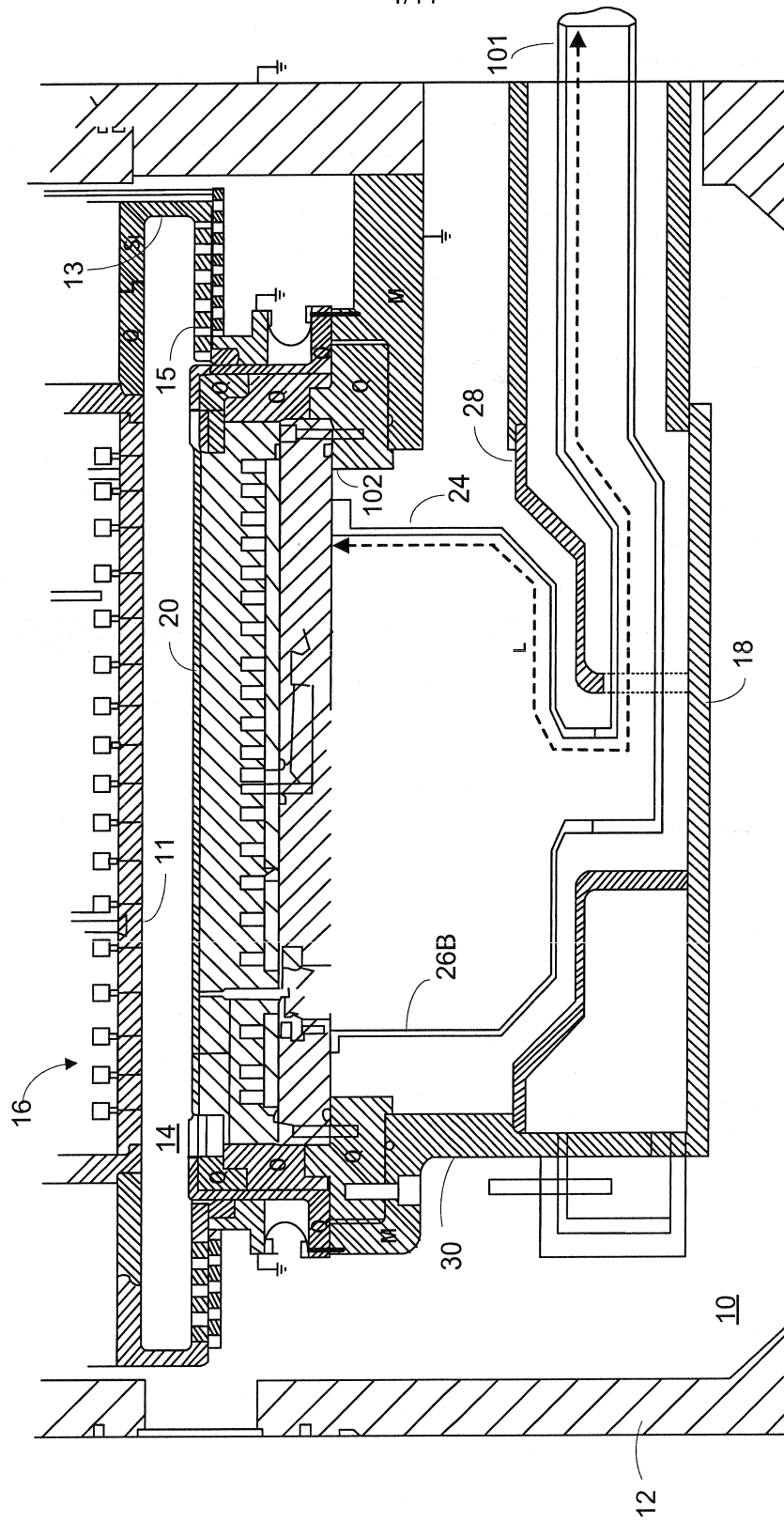


Fig. 1A

Radial Nonuniformity Tuning by a Variable Capacitor

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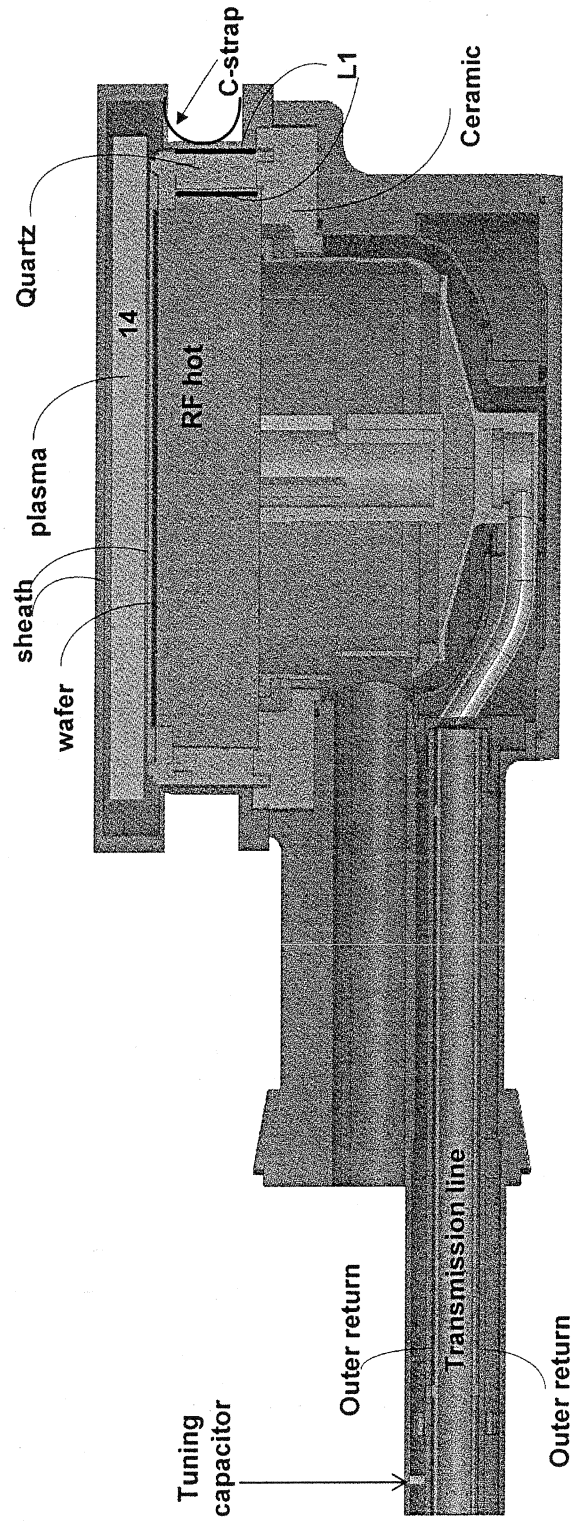


Figure 1B

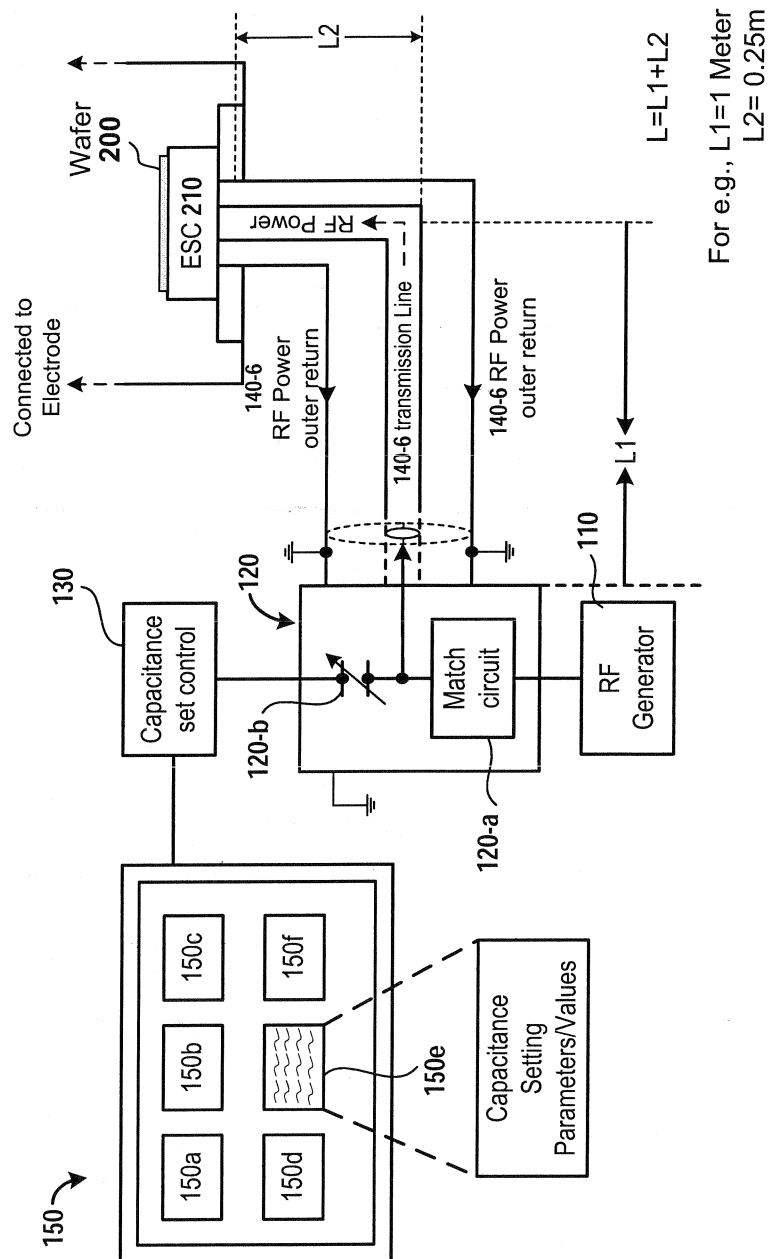


FIG. 2

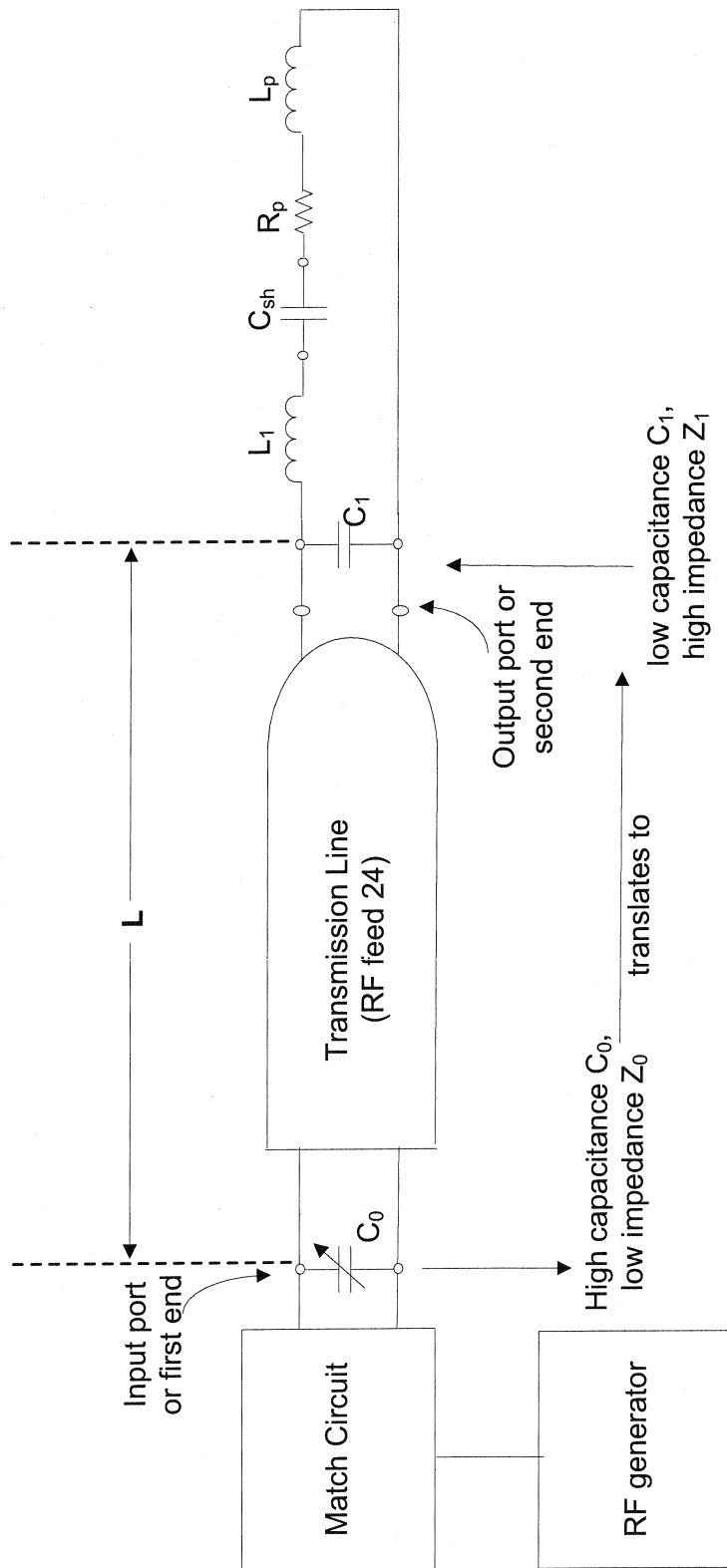


Figure 3

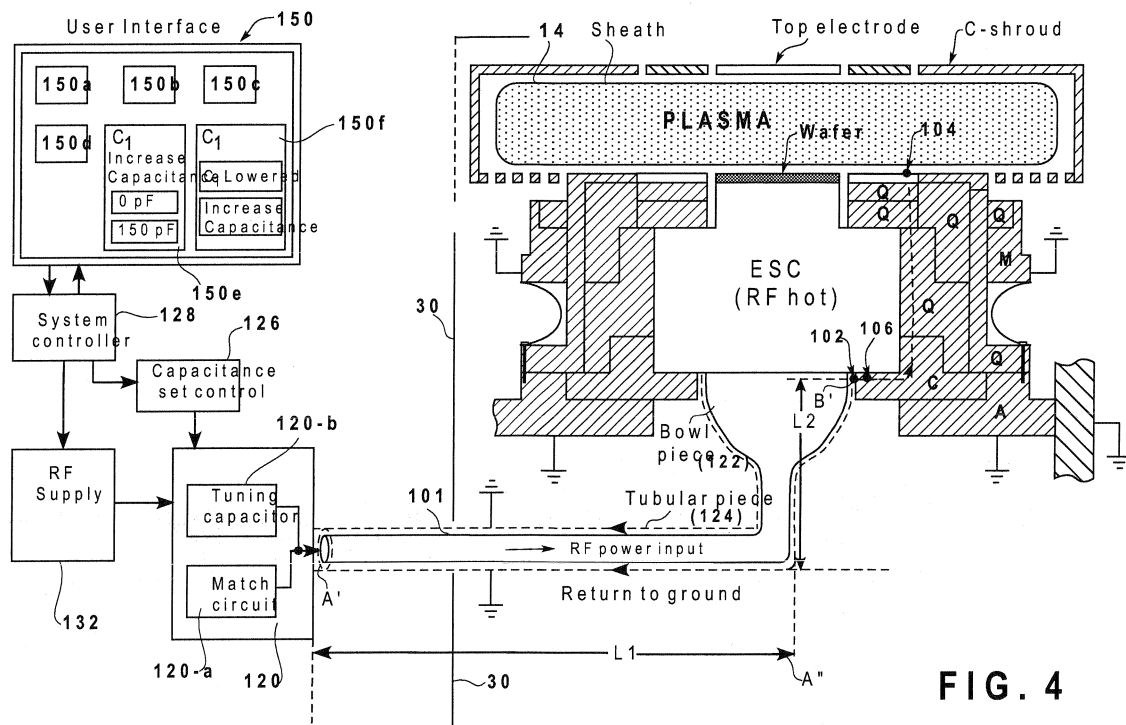
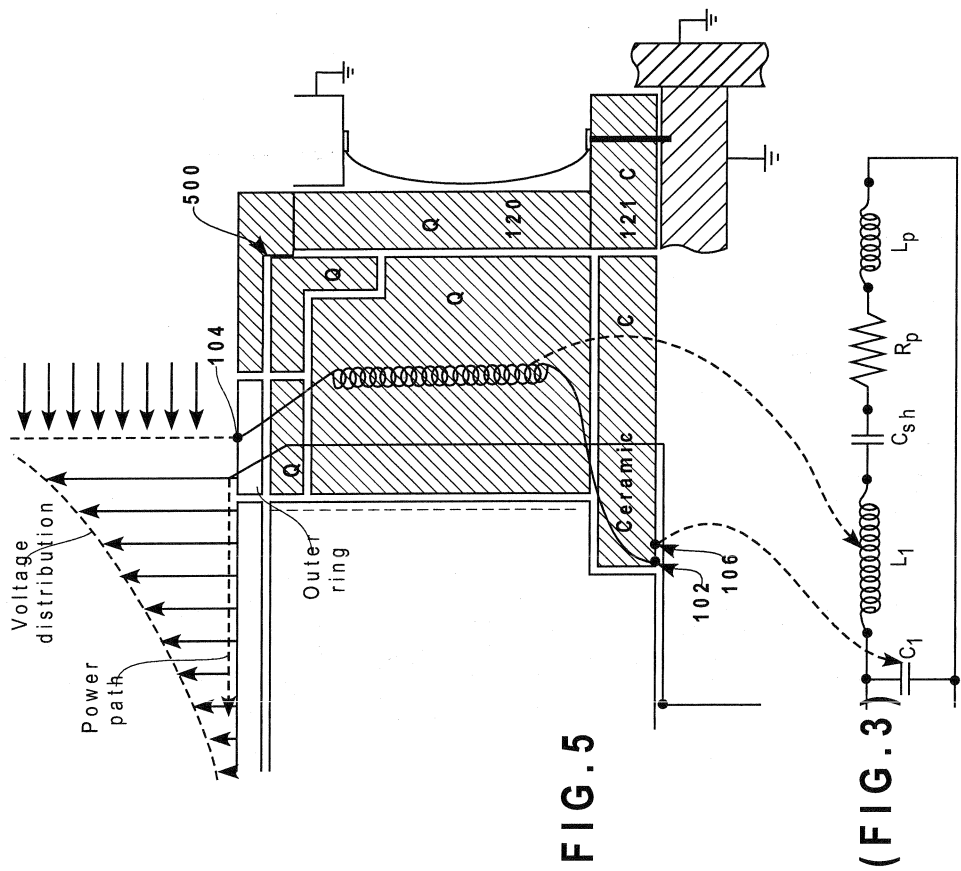
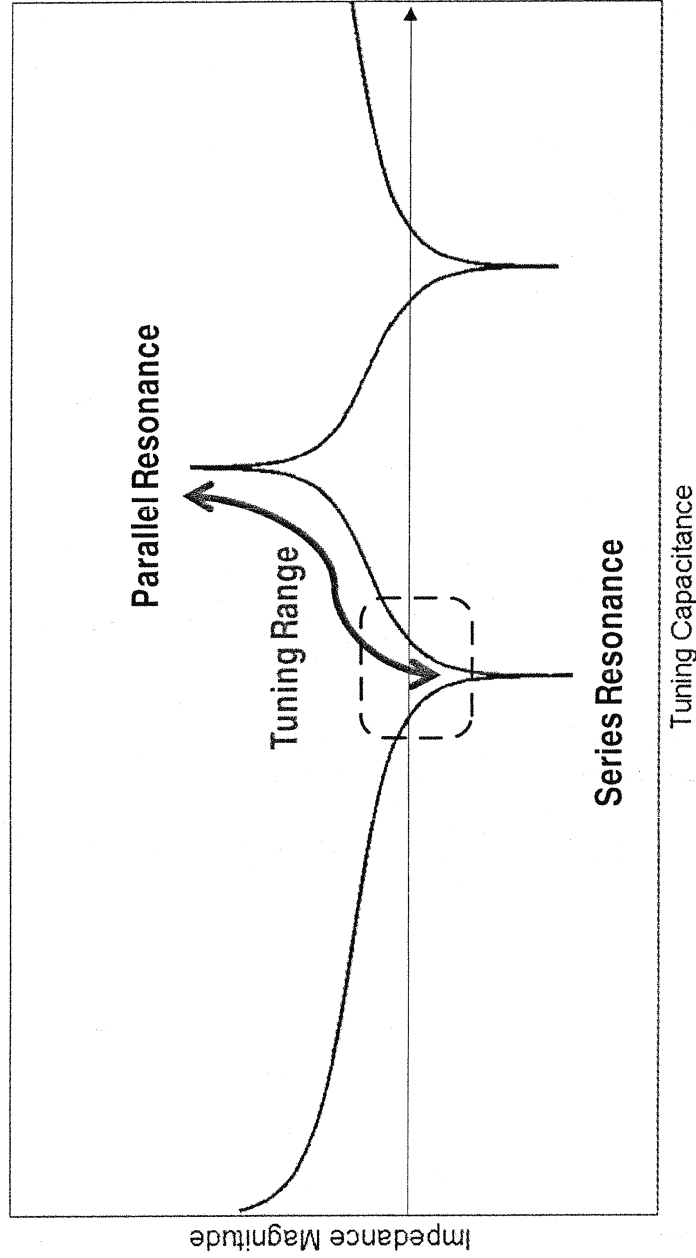


FIG. 4



Impedance Tuning Range

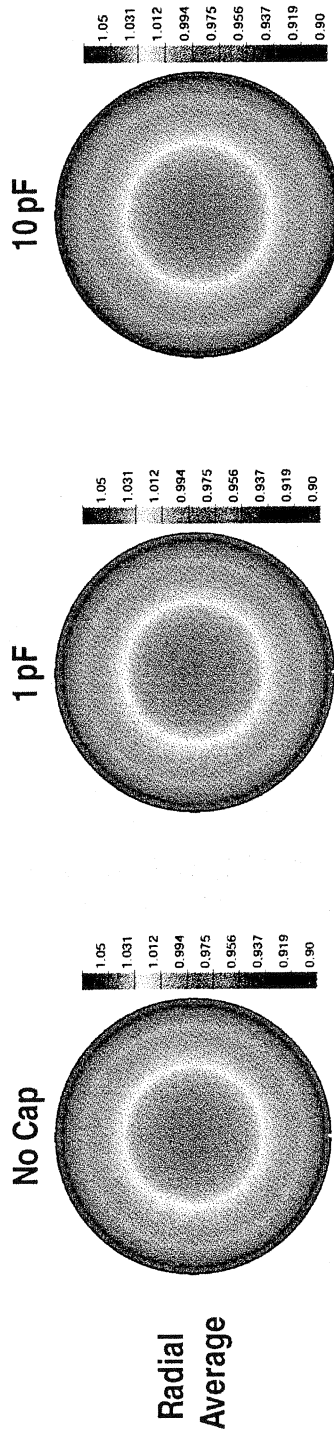
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- Impedance between ESC (electrostatic chuck) and ground is widely tuned by the tuning capacitor, which in turn significantly tunes wafer-level electric field distribution in the radial direction.

Figure 6

Wafer-Level Electric Field Radial Nonuniformity Tuning



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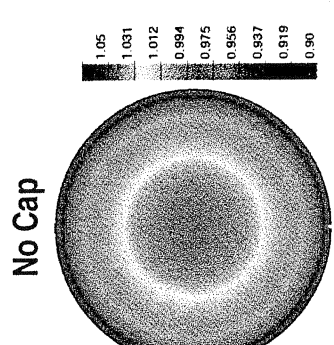
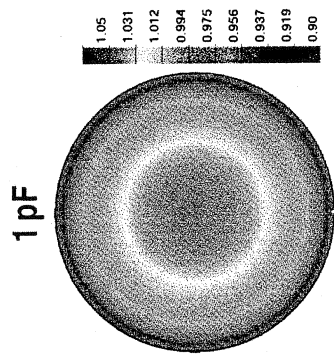


Figure 7c

Figure 7b

Figure 7a

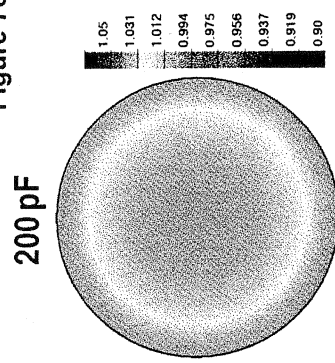


Figure 7e

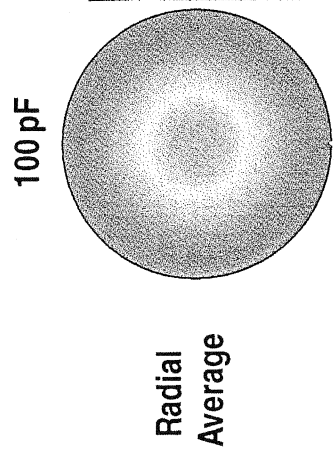


Figure 7f

Figure 7e

Figure 7d

Tunable Radial Dependence of Electric Field

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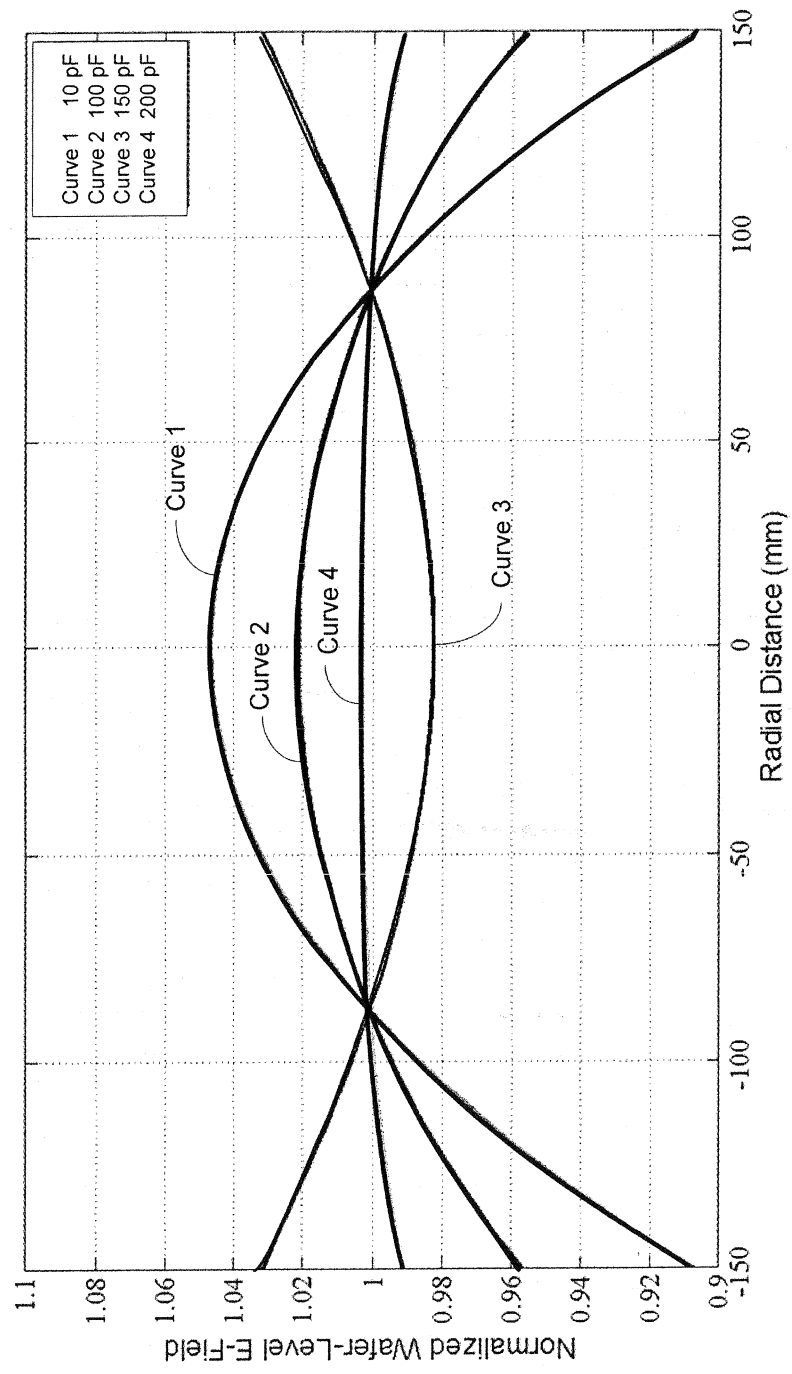


Figure 8

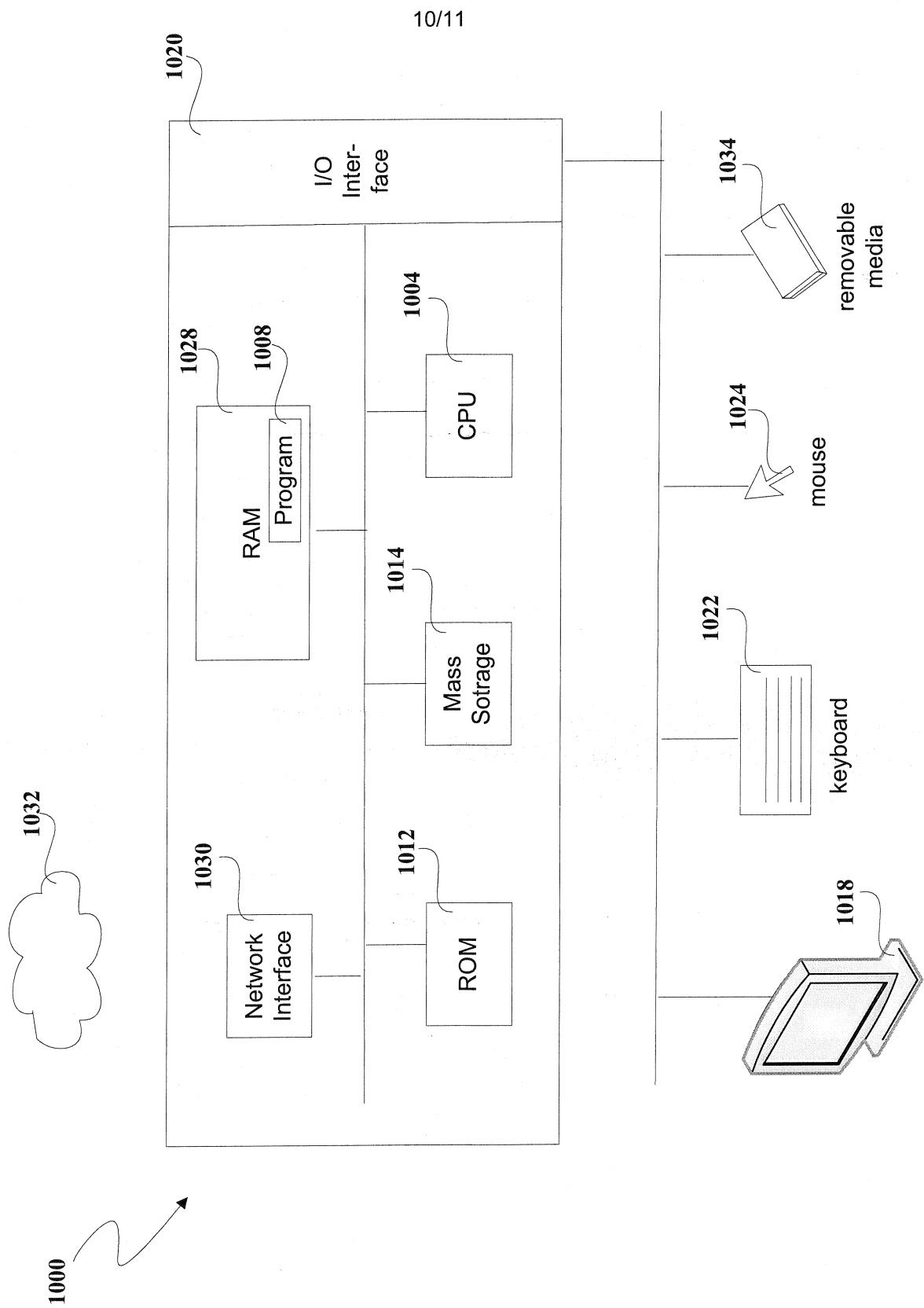


Figure 9

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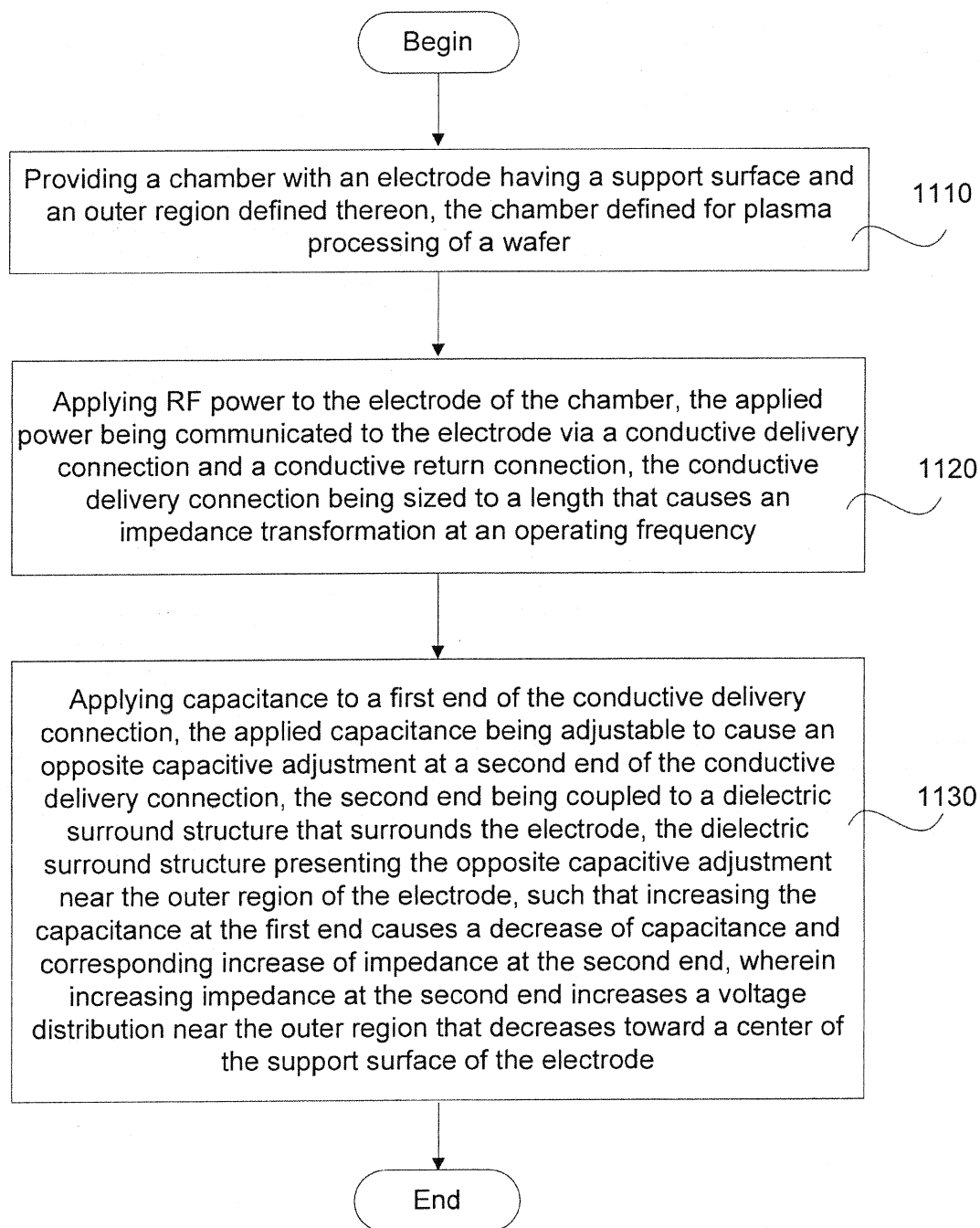


Figure 10