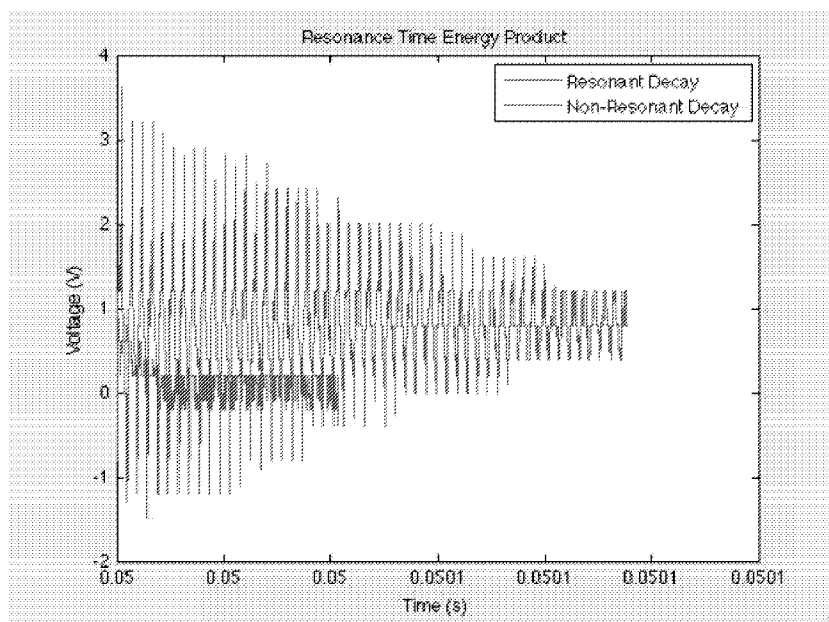




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[Continued on next page]

(54) **Title:** EJECTOR DEVICES, METHODS, DRIVERS, AND CIRCUITS THEREFOR**FIG. 19**

(57) **Abstract:** In a piezoelectric ejector assembly, a piezoelectric actuator is attached to an ejector mechanism, while a drive signal generator and a controller are coupled to the actuator. The drive signal generator is configured to generate a drive signal for driving the actuator to oscillate the ejector assembly. The controller is configured to control the drive signal generator to drive the actuator at a resonant frequency of the ejector assembly, and an auto-tuning circuit is provided to define the optimum drive signal frequency.



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