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(54) Title: TRANSIENT ELECTRICAL SIGNAL BASED METHODS AND DEVICES FOR CHARACTERIZING MOLECULAR INTERACTION AND/OR MOTION IN A SAMPLE

(57) Abstract: Devices for detecting a transient electrical signal in a sample are provided. Also provided are systems that include the subject devices. The subject devices and systems find use in a variety of applications, particularly in the characterization of a sample, and more particularly in the characterization of molecular entities in the sample.