

ABSTRACT

BIOCHEMICALLY ACTIVATED ELECTRONIC DEVICE

A method of nucleic acid sequencing. The method can include the steps of (a) providing a polymerase tethered to a solid support charge sensor; (b) providing one or more nucleotides, whereby the presence of the nucleotide can be detected by the charge sensor; and (c) detecting incorporation of the nucleotide into a nascent strand complementary to a template nucleic acid.

[Figure 1]