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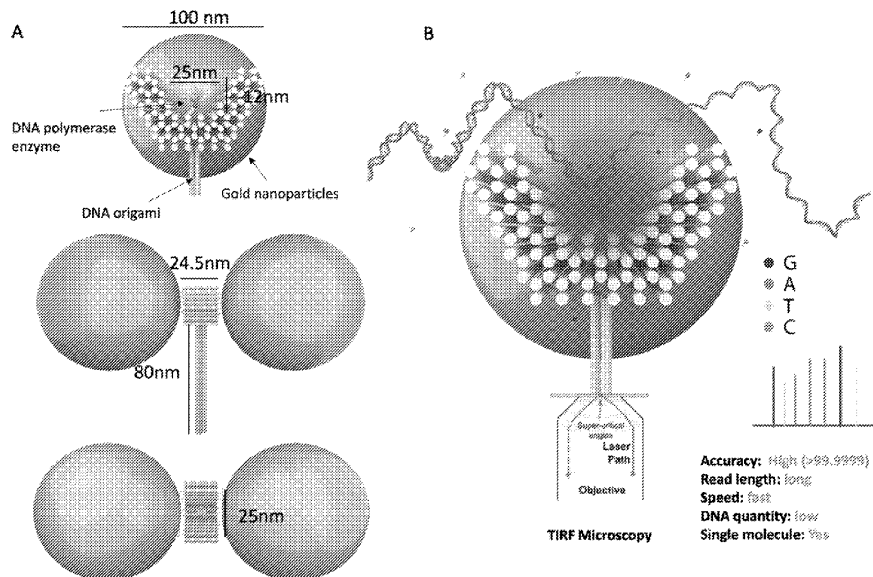
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(54) Title: "PLASMONIC NANOANTENNA AND USE OF SAME IN SINGLE MOLECULE SEQUENCING"

Figure 1.



(57) Abstract: The present disclosure relates generally to methods of sequencing nucleic acid molecules, such as DNA and more specifically single molecules of DNA, using polymerase enzyme located within an area of electrical field enhancement. The present disclosure also relates to plasmonic nanoantenna which may be used in nucleic acid 5 sequencing, methods of making said nanoantenna, arrays comprising said nanoantenna and methods of using said nanoantenna and arrays in single molecule sequencing technologies. 10

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