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(54) **OPTICAL SENSOR INCLUDING DISPOSABLE AND REUSABLE ELEMENTS**

**Publication Classification**

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(57) **ABSTRACT**

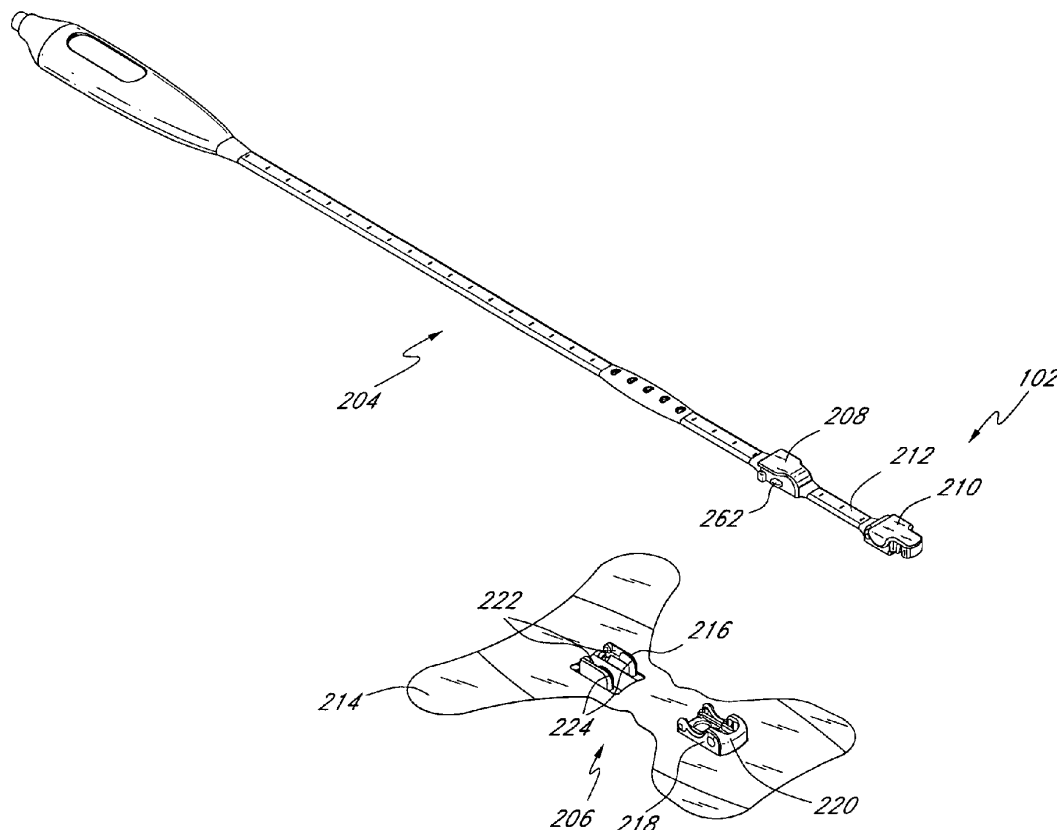
(21) Appl. No.: **11/606,455**

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An embodiment of the present disclosure provides a non-invasive optical sensor or probe including disposable and reusable components. The assembly of the disposable and reusable components is straightforward, along with the disassembly thereof. During application to a measurement site, the assembled sensor is advantageously secured together while the componentry is advantageously properly positioned.

**Related U.S. Application Data**

(60) Provisional application No. 60/740,541, filed on Nov. 29, 2005.



Apple Inc.  
APL1011

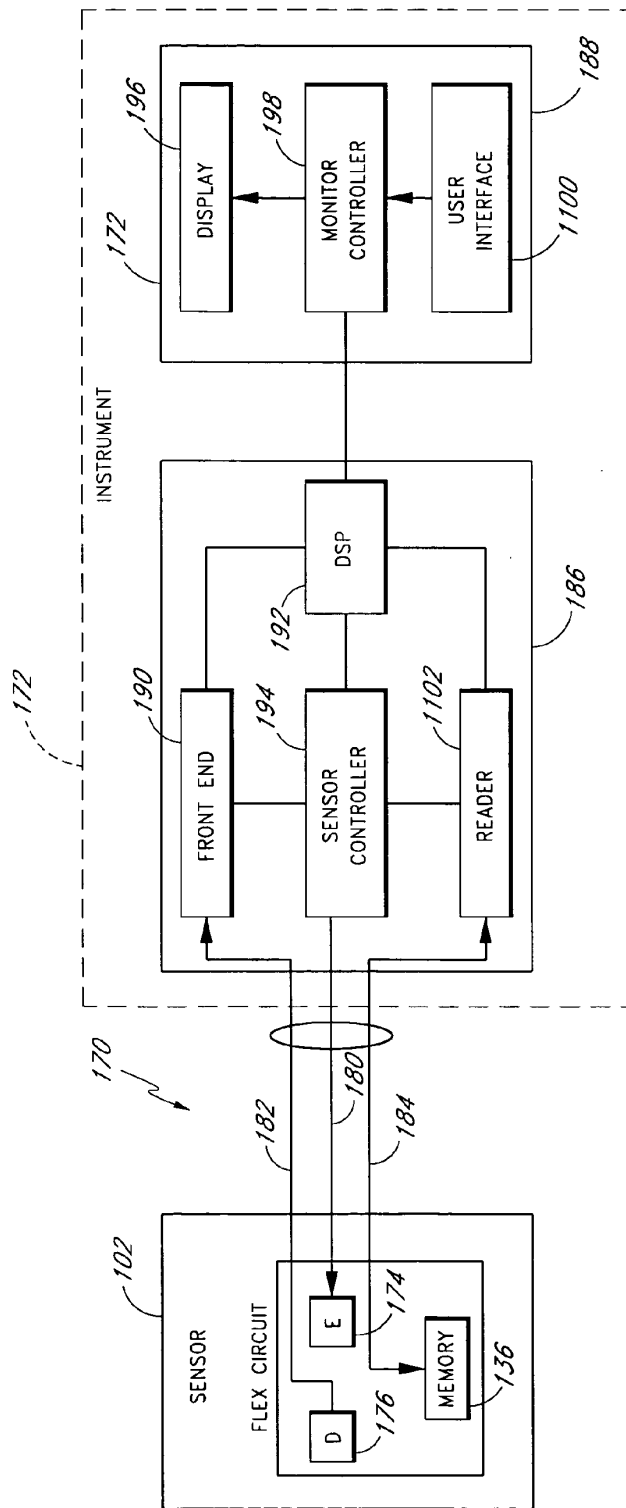
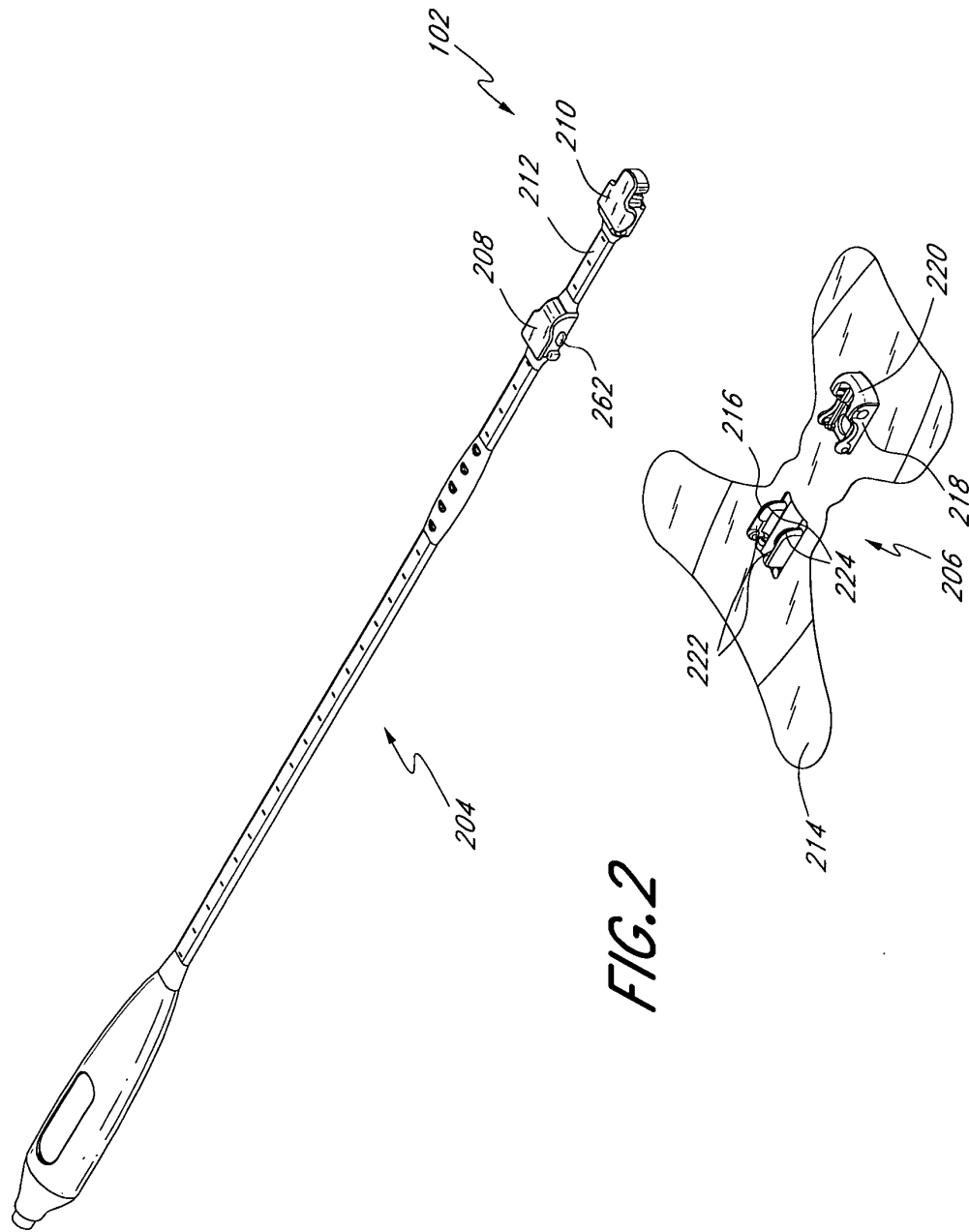
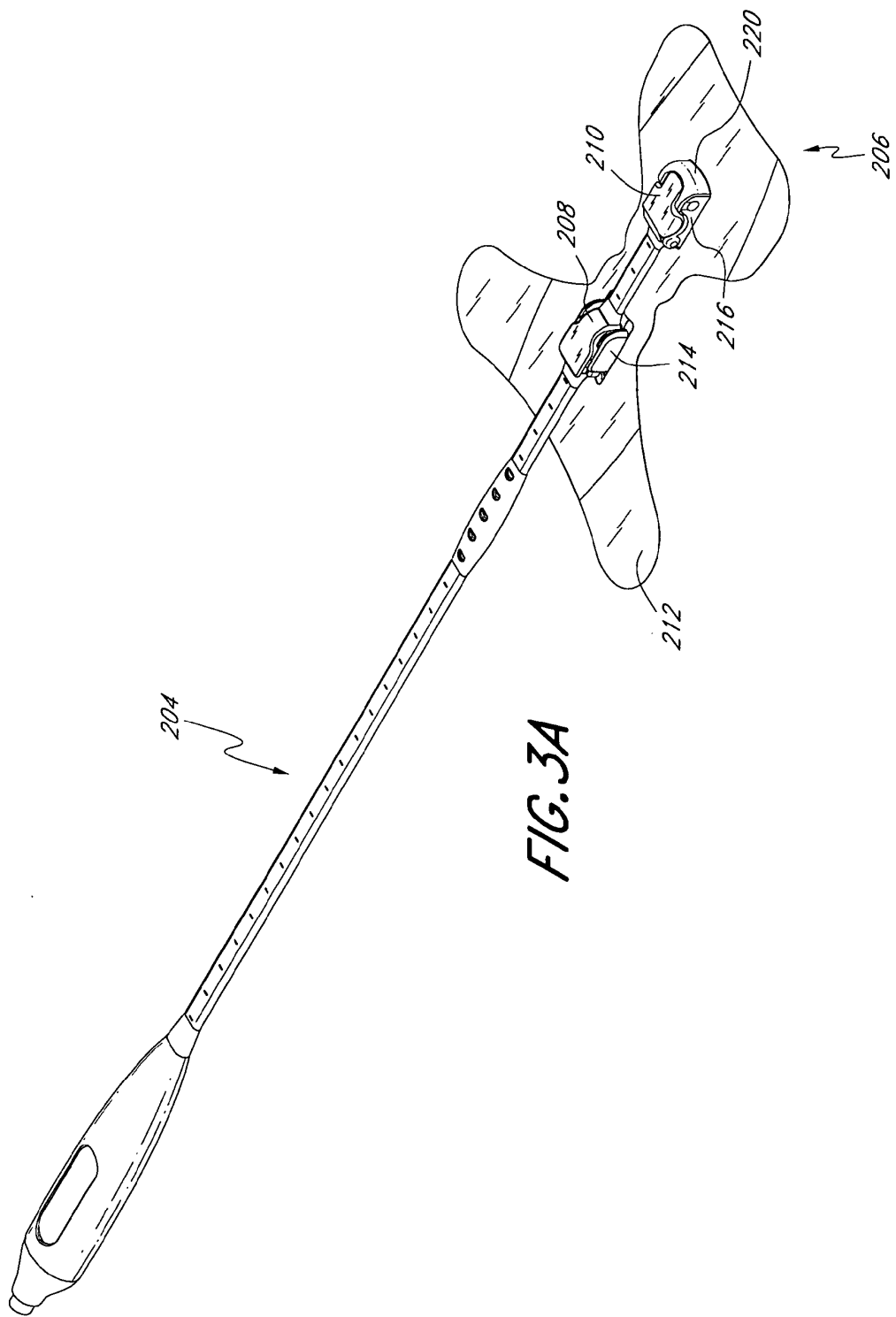


FIG. 1







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