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(54) **LIVE BIOLOAD DETECTION USING MICROPARTICLES**

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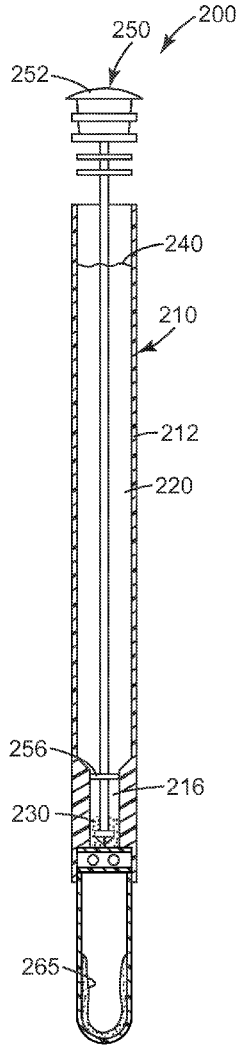
(57) **ABSTRACT**

The present invention provides methods to concentrate cells onto microparticles, to concentrate the microparticles, and to detect the cells. The present invention also includes unitary sample preparation and detection devices to be used in accordance with the methods.