

ABSTRACT OF THE INVENTION

QUANTUM-DOT SPECTROMETERS FOR USE IN BIOMEDICAL DEVICES AND METHODS OF USE

5

Device and methods for the incorporation of Quantum-Dots for spectroscopic analysis into biomedical devices are described. In some examples, the Quantum-Dots act as light emitters, light filters or analyte specific dyes. In some examples, a field of use for the apparatus and methods may include any biomedical device or product that benefits from spectroscopic analysis.

10

Figure 14