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Lloyd et al.

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(54) **METHOD AND APPARATUS FOR PRESSURE SORE DETECTION**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 373 days.

This patent is subject to a terminal disclaimer.

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(58) **Field of Classification Search**

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See application file for complete search history.

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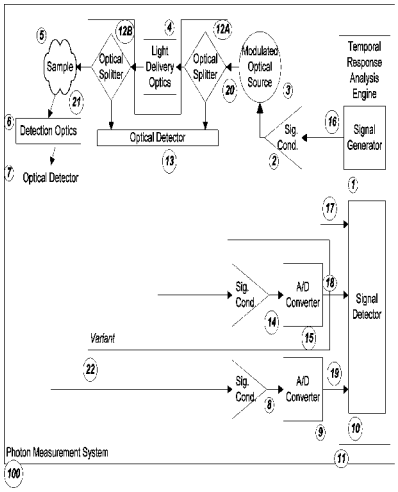
(57) **ABSTRACT**

The present invention pertains to a method and apparatus for pressure sore detection. A modulated optical signal based on a digital code sequence is transmitted to human tissue. A temporal transfer characteristic is derived from the modulated optical signal. Tissue characteristics is determined based on the temporal transfer characteristic.

18 Claims, 13 Drawing Sheets