



(12) **United States Patent**  
**Stanczak et al.**

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(54) **EVOLVING SERIAL COMPARISON SYSTEM WITH CRITICAL ALERT NOTIFICATIONS**

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(58) **Field of Classification Search**  
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See application file for complete search history.

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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 73 days.

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(65) **Prior Publication Data**

(57) **ABSTRACT**

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A system for serial comparison of physiological data, including: a controller; a user interface; and a memory including instructions that, when executed by the controller, perform the steps of: receiving from a first data source a current clinical report including first set of physiological data of a patient and computer-generated first interpretive statements; accessing, from the patient file in a patient database, a previous clinical report including a second set of physiological data of the patient and physician-edited interpretive statements; mapping the physician-edited interpretive statements into one or more codes of a structured data format, wherein each code uniquely identifies a medical state; performing a serial comparison between the current clinical report and the previous clinical report to generate serial comparison interpretive statements; providing to a user, via the user interface, the serial comparison interpretive statements; and receiving, via the user interface, current physician-edited interpretive statements.

**Related U.S. Application Data**

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**10 Claims, 5 Drawing Sheets**

