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(54) **BIOMETRIC MEASUREMENT USING INTERACTIVE DISPLAY SYSTEMS**

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G06K 9/00 (2006.01)

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(58) **Field of Classification Search** ..... None
See application file for complete search history.

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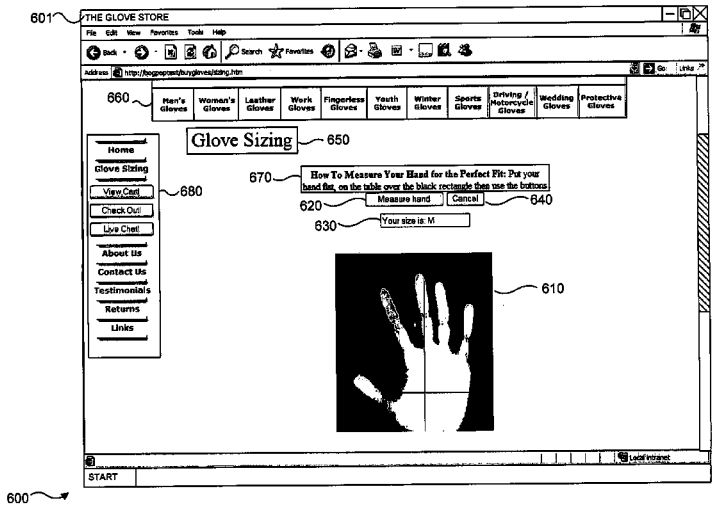
(57) **ABSTRACT**

Biometric data are produced in response to user input to an interactive display. The user input occurs when the interactive display senses a user input proximate to an interactive display surface that is able to respond to simultaneous multiple inputs. A detection signal based on a user input is processed to identify biometric indicia associated with the user input. User input can be by any biometric entity, such as an animal—not just by a human. Based on the biometric indicia identified, user biometric data are produced. The user biometric data includes parameters describing physical characteristics associated with the portion of the user that provided the user input. The biometric data can be compared to stored biometric data associated with a specific user and/or user profile, e.g., to enable access by the user to an account, and can also be employed to provide other functions, such sizing information, to applications.

23 Claims, 6 Drawing Sheets