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**Burke**

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(54) **CARD DEVICE SECURITY USING BIOMETRICS**

(75) Inventor: **Christopher John Burke**, Ramsgate (AU)

(73) Assignee: **Securicom (NSW) Pty Ltd**, New South Wales (AU)

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(51) **Int. Cl.**  
**G06K 9/00** (2006.01)

(52) **U.S. Cl.**  
USPC ..... **382/119; 340/5.82**

(58) **Field of Classification Search**  
USPC ..... 382/115, 119, 155, 159; 356/71; 350/5.2, 5.52, 5.53, 5.8, 5.81, 5.82, 350/5.83; 235/380, 382; 340/5.2, 5.52, 340/5.53, 5.8, 5.81, 5.82, 5.83

See application file for complete search history.

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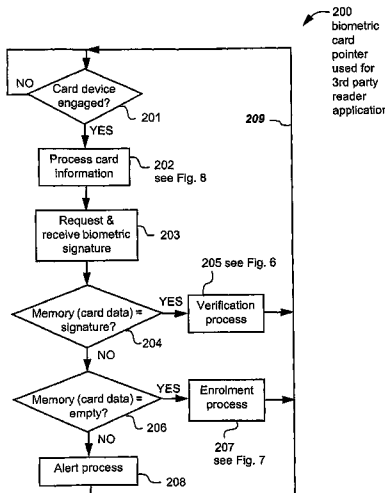
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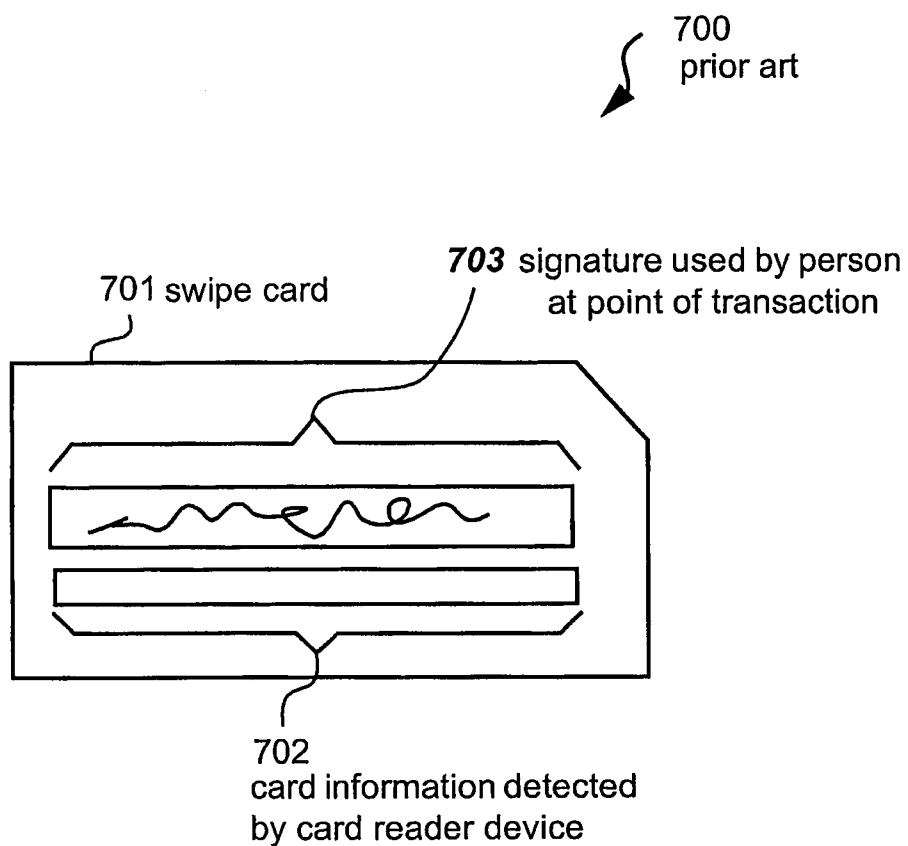
*Primary Examiner* — Andrew W Johns  
(74) *Attorney, Agent, or Firm* — Brinks Gilson & Lione

(57) **ABSTRACT**

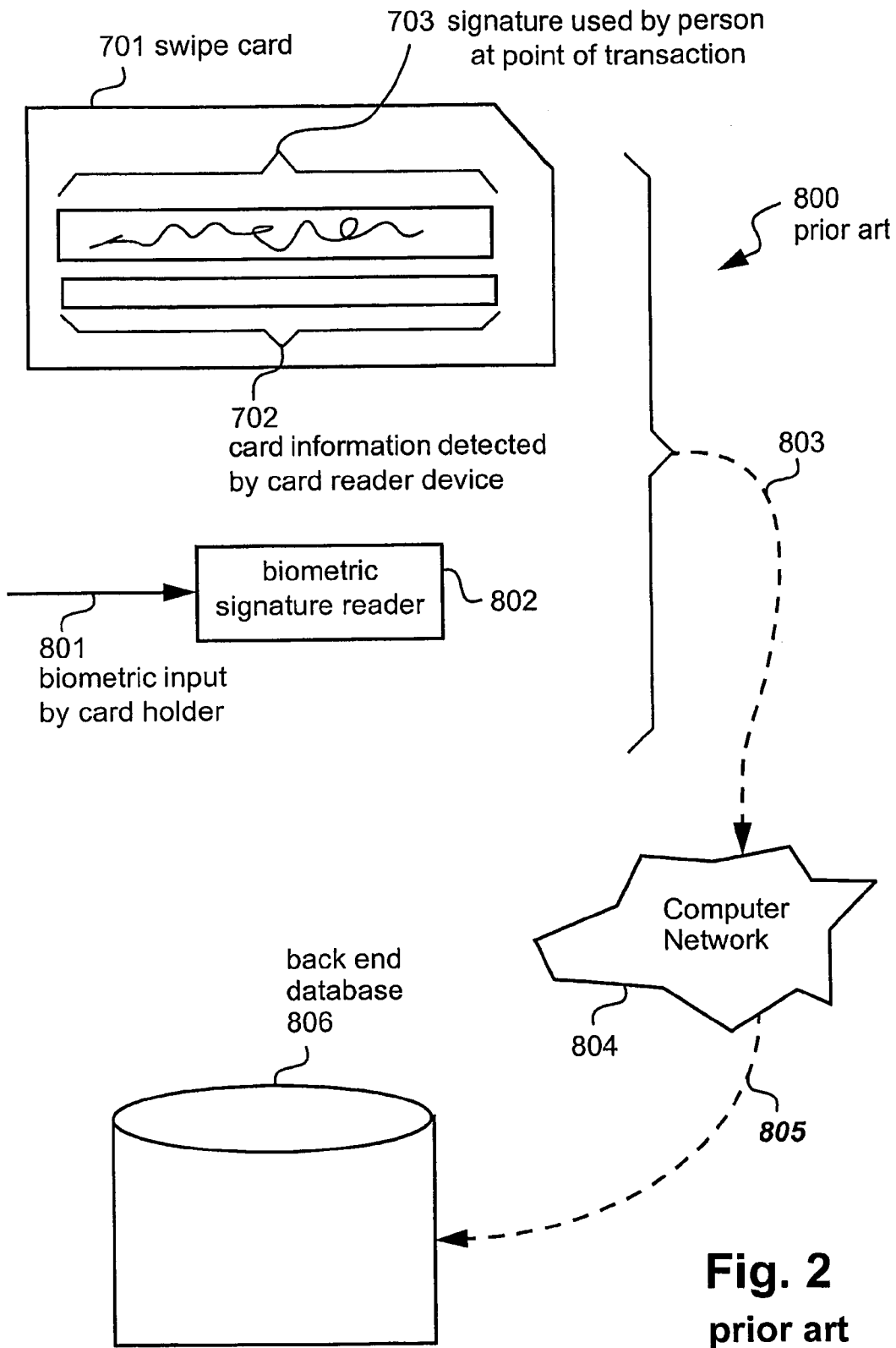
The disclosed Biometric Card Pointer arrangements store (207) a card user's biometric signature in a local memory (124) in a verification station (127) the first time the card user uses the verification station (127) in question. The biometric signature is stored at a memory address (607) defined by the card information (605) on the user's card (601). All future uses of the particular verification station (127) by someone submitting the aforementioned card (601) requires the card user to submit both the card and a biometric signature, which is verified against the signature stored at the memory address defined by the card information (605) thereby determining if the person submitting the card is authorized to do so.

**20 Claims, 7 Drawing Sheets**





**Fig. 1**  
prior art



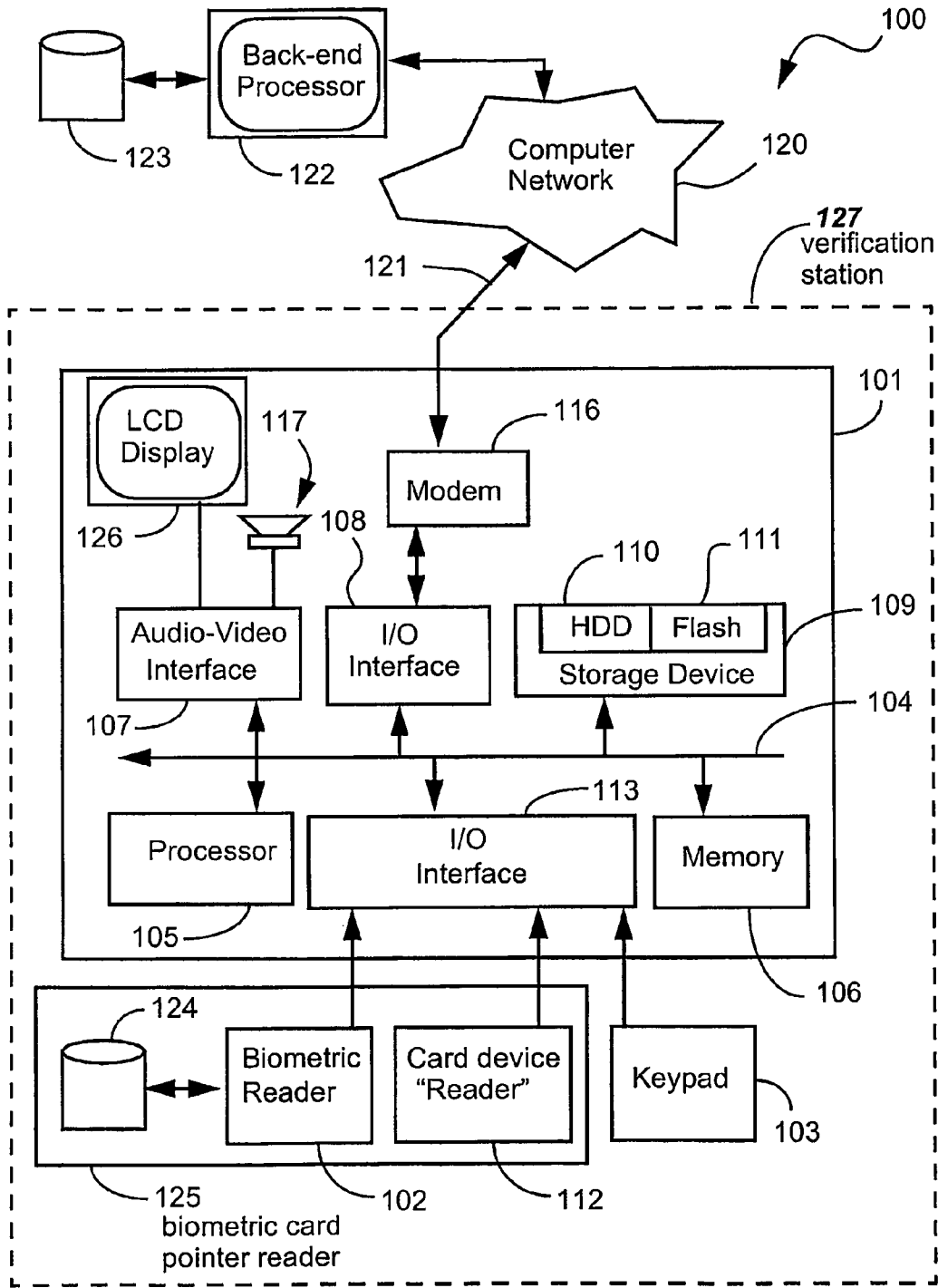


Fig. 3

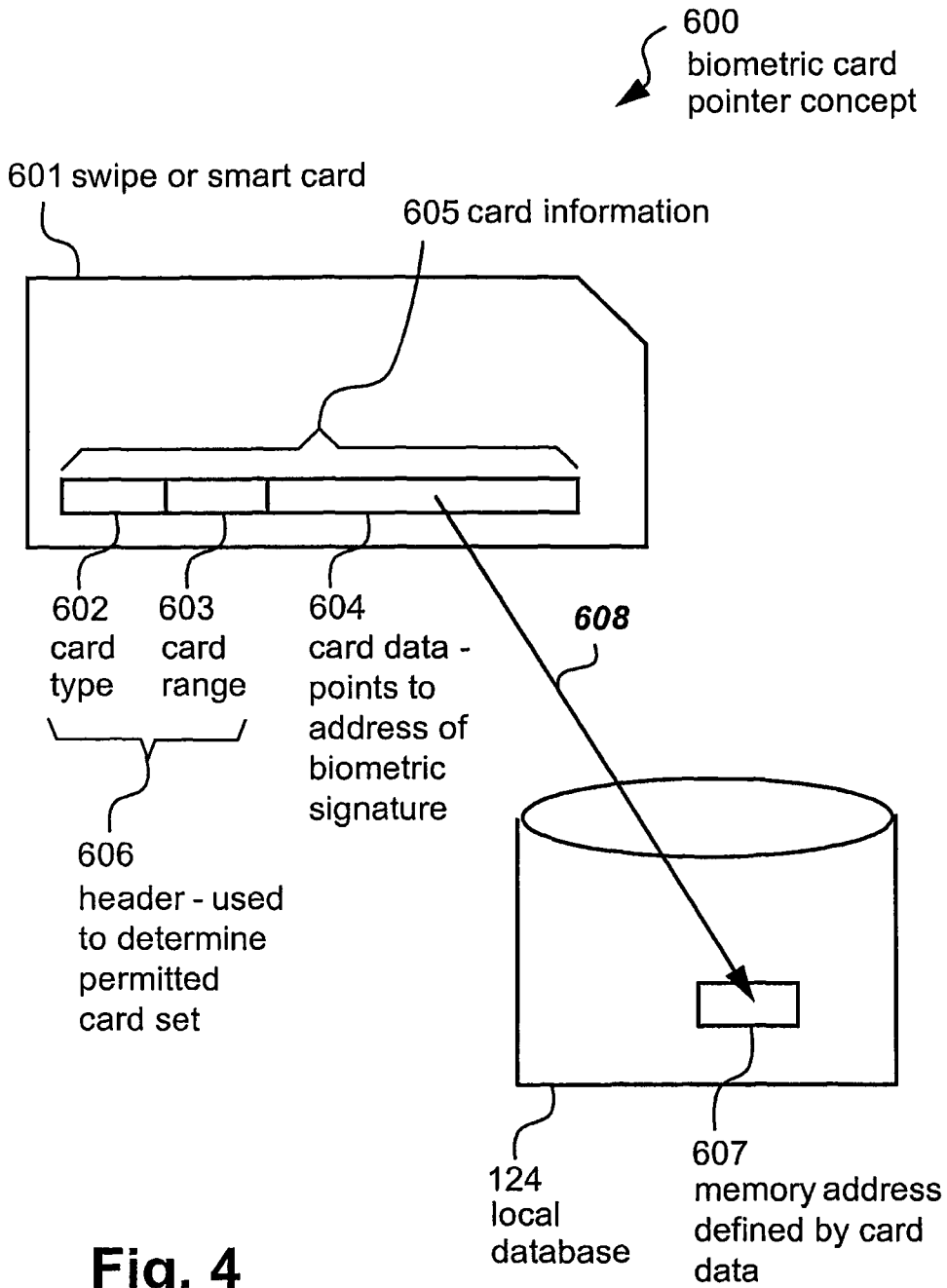


Fig. 4

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