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(54) **IDENTITY AUTHENTICATION SYSTEM AND METHOD**

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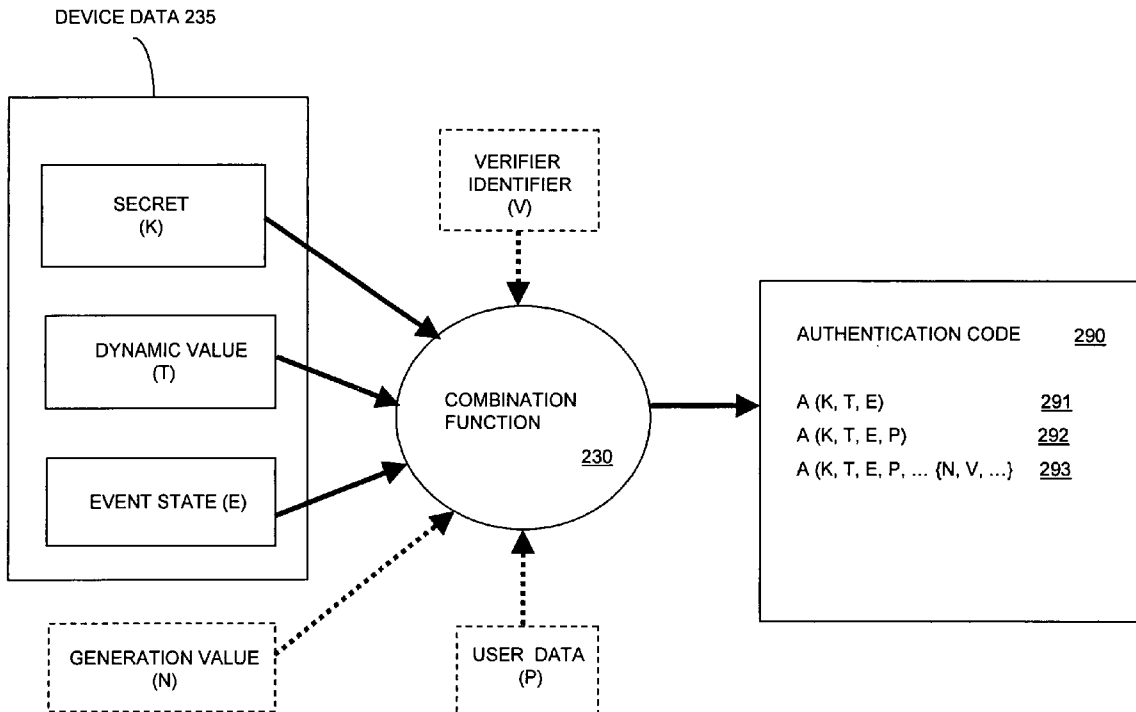
(57) **ABSTRACT**

A method and system for generating an authentication code that depends at least in part on a dynamic value that changes over time, an event state associated with the occurrence of an event, and a secret associated with an authentication device. By generating the authentication code responsive to an event state, an identity authentication code can be used to verify identity and to communicate event state information, and to do so in a secure manner.

(73) Assignee: **RSA Security Inc.**, Bedford, MA

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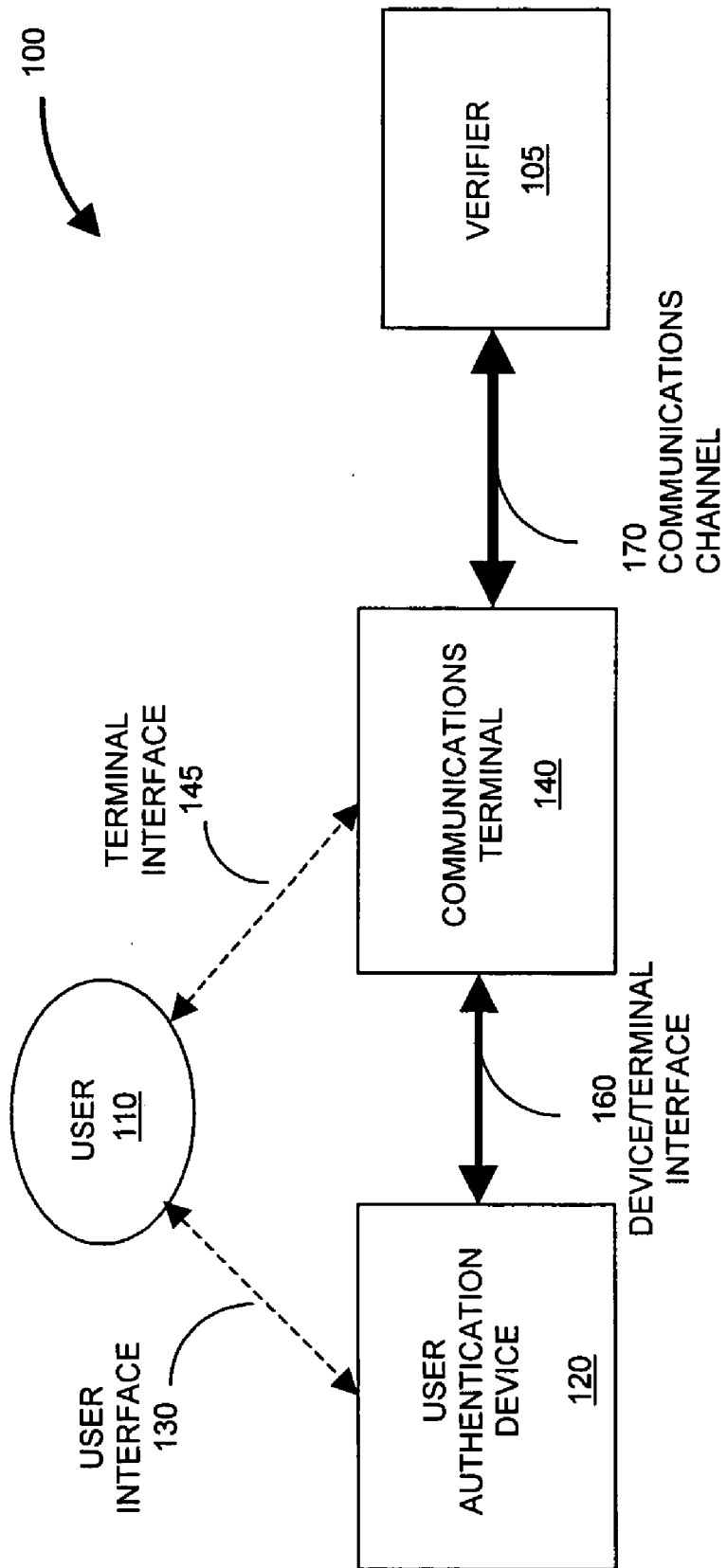


FIG. 1

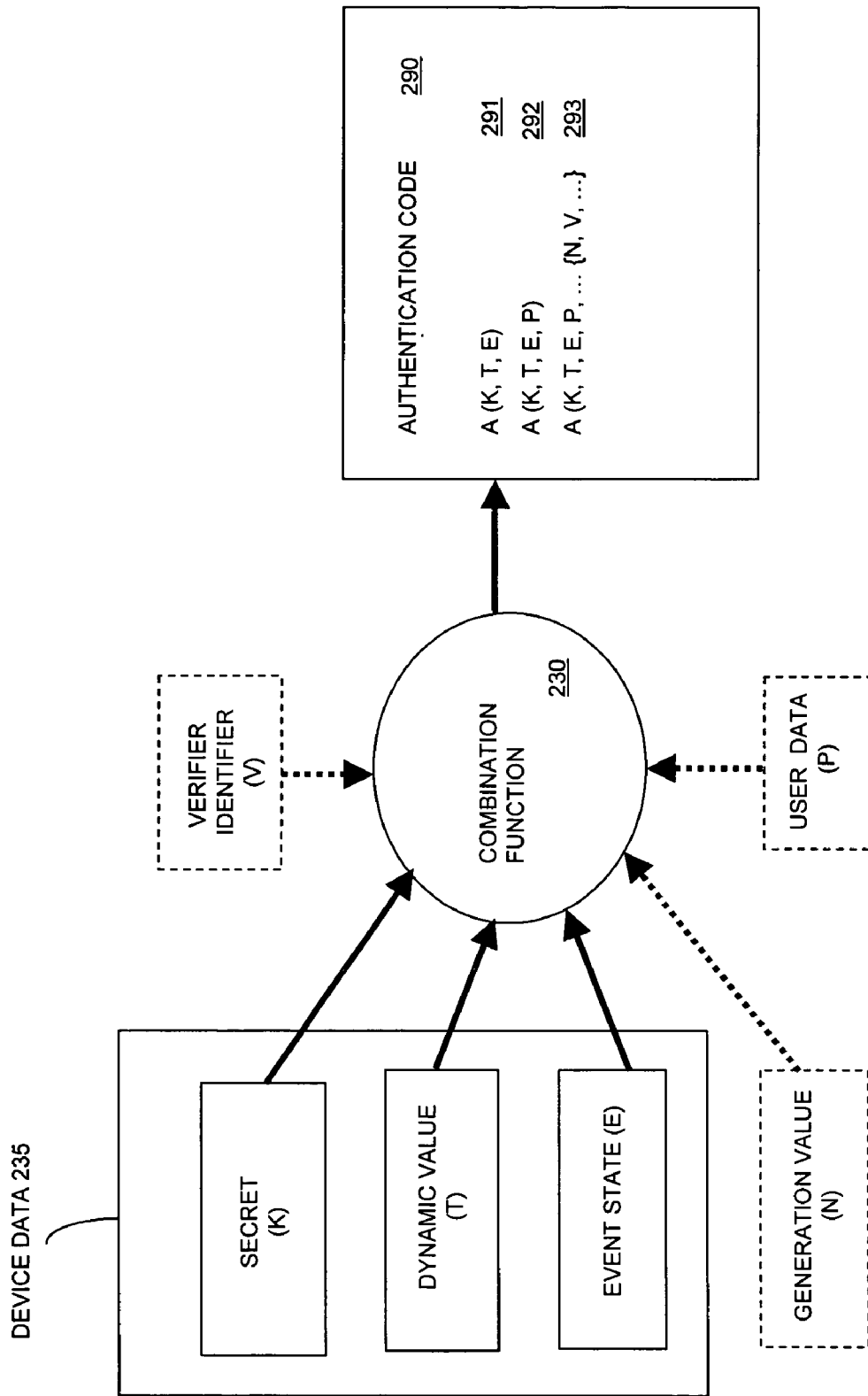


FIG. 2

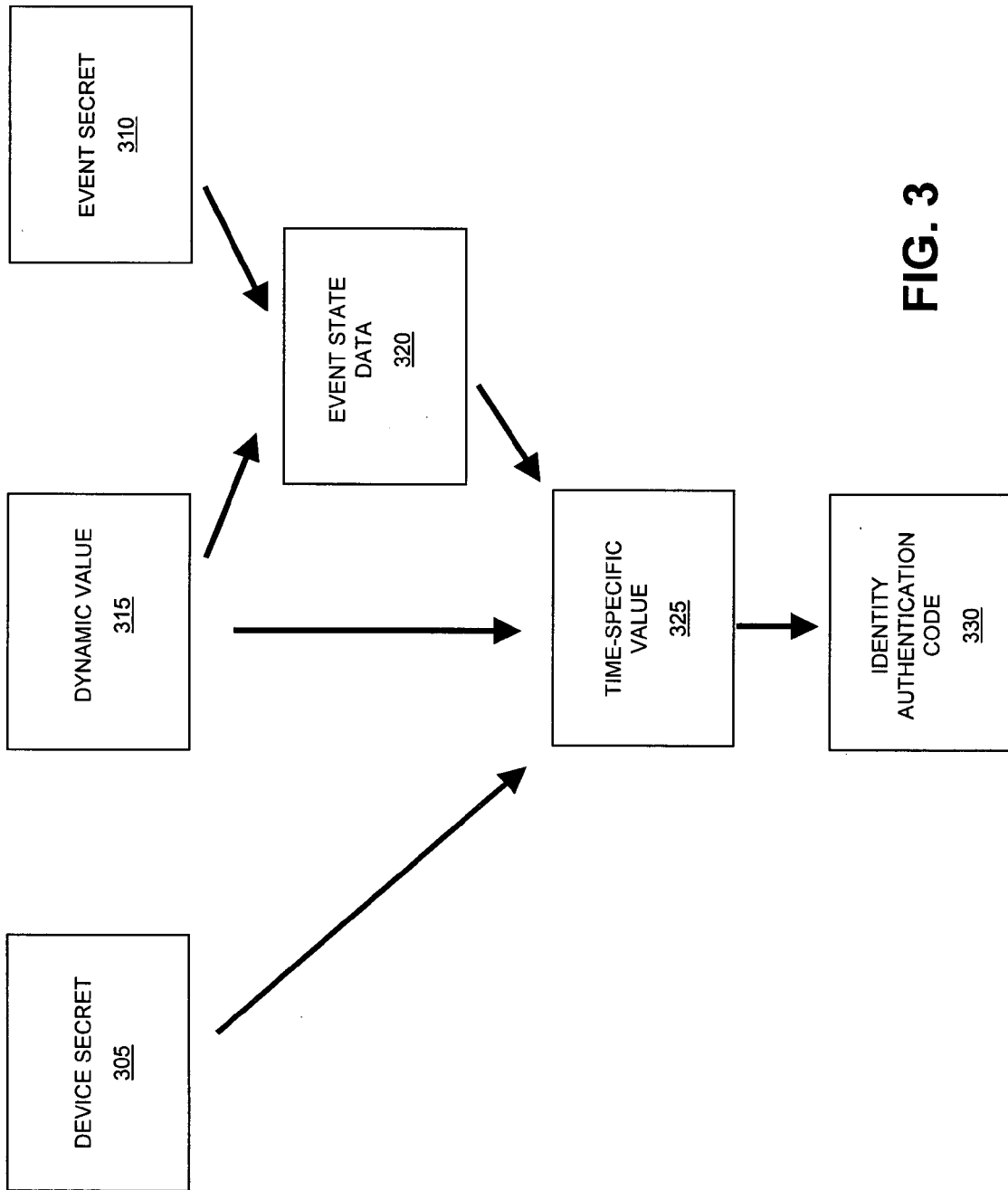


FIG. 3

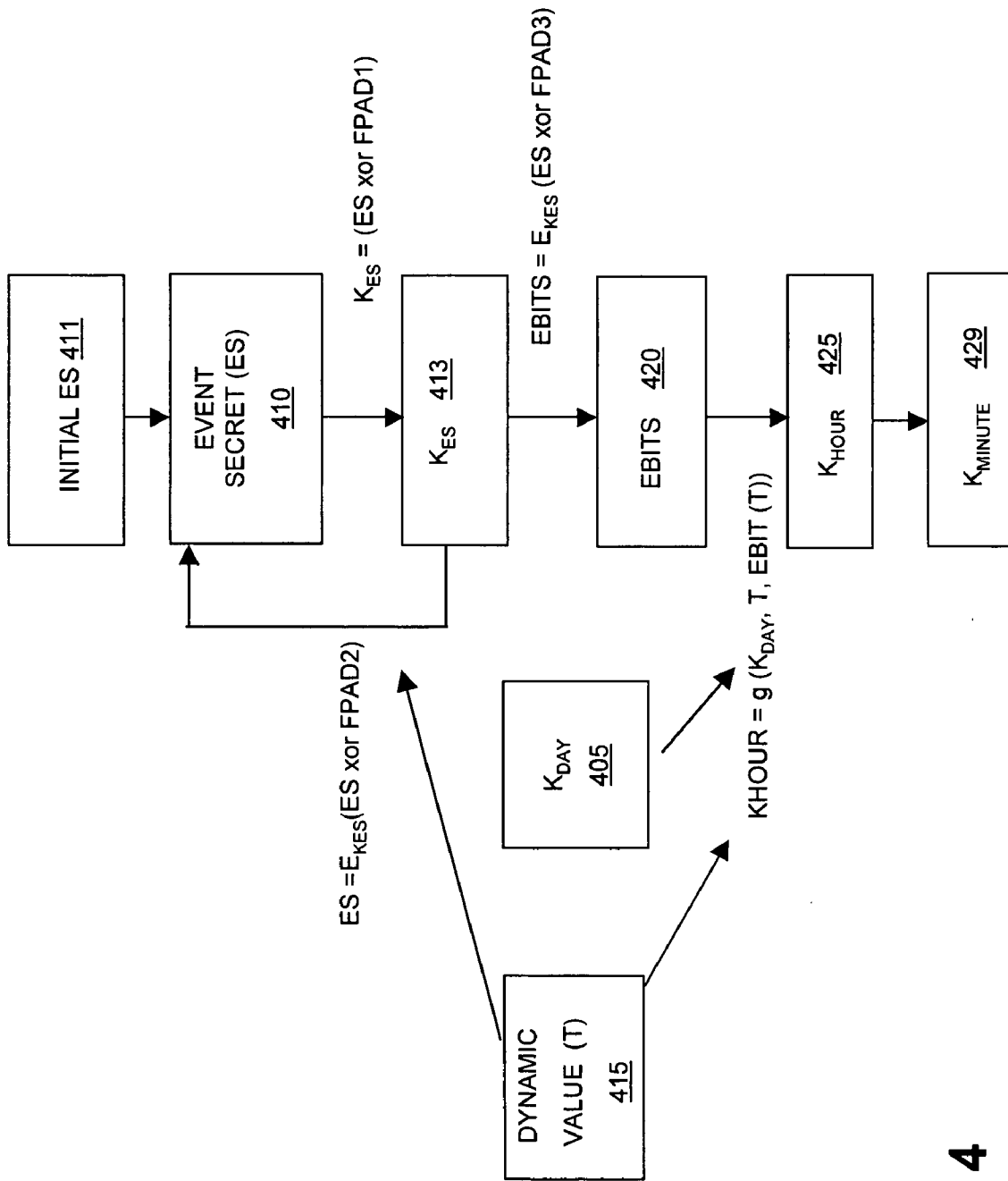


FIG. 4

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