(54) Title: PHYSICAL PRESENCE DIGITAL AUTHENTICATION SYSTEM (WEBPAGE-DEPENDENT ACTIVATION)

(57) Abstract: The interactive authentication system allows a consumer to interact with a base station, such as broadcast media (e.g., television and radio) or PC, to receive coupons, special sales offers, and other information with an electronic card (10). The electronic card (10) can also be used to transmit a signal that can be received by the base station to perform a wide variety of tasks. These tasks can include launching an application, authenticating a user at a website, and completing a sales transaction at a website (e.g., by filling out a form automatically). The interaction between the base station and the electronic card (10) is accomplished by using the conventional sound system in the base station so that a special reader hardware need not be installed to interact with the electronic card (10). The user is equipped with an electronic card (10) that can receive and transmit data via sound waves. In the various embodiments, the sound waves can be audible or ultrasonic (which can be slightly audible to some groups of people).
NO. NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,
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**INTERNATIONAL CLASSIFICATION OF SUBJECT MATTER**
- IPC(7): G06F 7/08, 17/00
- US CL: 235/381, 383, 451, 492; 705/413

According to International Patent Classification (IPC) or to both national classification and IPC

**FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)
- U.S.: 235/381, 383, 451, 492; 705/413

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
- NONE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
- NONE

**DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
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