

AVAILABLE PORTFOLIOS
SECURITY / SURVEILLANCE

**PS
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BIOMETRIC CONTROL SYSTEMS FOR SECURED ACCESS

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BIOMETRIC CONTROL SYSTEMS FOR SECURED ACCESS

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This portfolio discloses techniques for providing and controlling secure access to physical locations. Biometric security systems are used to provide access to secured facilities and are based on inputs from an individual user. These biometric systems can be used to wirelessly authenticate a user, for example by using biometric smart cards. Within these systems, however, advanced techniques are required to maintain and access the biometric database and provide user authentication.

Remotely operated door locks are another method used in buildings and facilities such as offices, homes, and banks to provide controlled access. Typically, a single solenoid is maintained energized to keep the lock in either a locked or an unlocked position. However, a constant power supply, significant wiring, and sufficient infrastructure are all required for efficient operation, making them unsuitable for small scale facilities.

Value Proposition: This portfolio discloses various secured access control techniques.

- Providing access to a controlled area via advanced biometric authentication of the user.
- Performing a card transaction through biometric verification of a user.
- Providing access to a controlled application by generating passwords using biometric authentication.
- A security system that uses vocal authentication along with other biometric inputs from the user to search for the biometric features through a database. The database search is first performed based on the vocal inputs, thus reducing overall search time.
- A door lock that can be fitted to a door jamb having a single solenoid operated latch. This lock does not require a constant power source for operation and is more suitable for small scale facilities than conventional remotely operated door locks.

Priority Date: 11-13-2002

Representative Claim: US 7,472,934 – Claim #1

A latching strike assembly for a door lock comprising: (1) a body adapted to be fitted to a door jamb, said body defining a recess for receipt of a latch bolt; (2) a latching strike mounted to said body and defining a boundary of said recess, said latching strike being pivotable between a closed position for retaining said latch bolt within said recess and an open position for releasing said latch bolt from said recess; (3) a bi-stable detent displaceable between a stable locking position at which said detent engages said latching strike to lock said latching strike in said closed position and a stable unlocking position at which said detent is disengaged from said latching strike, thereby enabling said latching strike to be deflected into said open position by said latch bolt; and (4) a solenoid adapted to displace said detent from said locking position to said unlocking position when activated by an unlocking control signal of a first polarity and from said unlocking position to said locking position when activated by a locking control signal of a second polarity.

Contact:

For more information on the assets available for sale in this portfolio, contact Dean Becker.

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TECHNOLOGY
SECURITY SYSTEMS

NOVELTY
VARIOUS TECHNIQUES PROVIDING SECURE ACCESS TO A FACILITY VIA BIOMETRIC AUTHENTICATION

IMPORTANCE
SIGNIFICANT PORTFOLIO FOR COMPANIES WITHIN THE MULTI-BILLION DOLLAR GLOBAL ELECTRONIC SECURITY SYSTEMS AND SMART CARDS MARKETS

NUMBER OF ASSETS
20

US PATENTS (1)
7,472,934

OTHER PATENTS (2)
AU 2003275801
EP 1839273

APPLICATIONS (17)

Please inquire for a complete asset listing.