

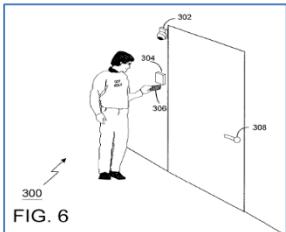
# AmiCOUR IP Group

## Accessing Secure Areas Using Biometric Smart Cards

*United States Patent Number 7,376,839 Offered for Sale*

### **Biometric Smart Card Technology: Efficient and Secure Physical Access Control**

USPN 7,376,839 (the '839 patent) addresses smart card systems facilitating biometric access control unique to each card holder. Lost, loaned, or stolen cards are useless because every card uses unique biometric information for its authorized card holder. A May 4, 2001 priority date is associated with this valuable biometric access card patent.



Physical access to restricted areas is facilitated by issuing one-to-one biometric comparison access cards. When a card holder attempts access to a restricted area, true and authenticated identity verification is achieved with biometric matching.

Traditional access control systems utilize card readers connected to a central control computer. The reader reads the card and transmits information to the central computer. Validation by the central computer is required for entrance into the secure area.

These traditional "one-to-many" key number lookup systems can slow down during high traffic periods or when deployed in large or multiple facilities using a single, vulnerable central computer. In addition, they are costly to install and maintain, demanding timely updates to block lost or stolen card access. Moreover, if a card holder does not report a lost card, or loans a card, the card can be used to gain unauthorized access until it is reported.

### **Cubic Corporation Advancements: Trusted Identification At the Point of Access**

Our client, Cubic Corporation, pioneered security solutions to the speed, scalability, and vulnerabilities inherent in these legacy key card electronic access control systems. Cubic Corporation is a leader developing technology used daily by millions of commuters rapidly accessing the world's most advanced mass transit systems.

The '839 patent reads on systems utilizing contactless (including NFC) smart cards interacting with an access card reader via secured radio frequencies. In addition to the system processor and memory, a biometric sensor captures the access card holder's biometric data for comparison to the biometric template transmitted by the access card, where the enrollment copy is stored and carried. When the authenticity of the contactless card and the biometric match are both positive, the reader system sends a signal to grant access; for example, to a solenoid to unlock a door or release a turnstile. The '839 patent contains 3 broad independent claims with 18 dependent claims.

### **About This Portfolio: Licensable IP and Freedom to Operate**

This early, broad patent describes a very fast, reliable, and efficient system which relates to Homeland Security Presidential Directive 12 ("HSPD-12") requirements, NIST Personal Identity Verification ("PIV") standards, PIV-1, Common Access Card ("CAC") credentials, and 3 factor High Security "Level 3" facility "BIO match" access systems. Currently, 5.4 million PIV cards have been issued and many systems are still scheduled for upgrades under a more recent White House directive. As the use of this technology expands, commercial applications include all locations where a lost or shared key card is undesirable or impermissible. Examples include government, industrial, and private access control in official buildings, record and evidence storage cages, warehouses, restricted hospital areas, laboratories, schools, dorms, apartment buildings, hotel or cruise ship crew areas, airports, and some private estates. Our client, Cubic Corporation will retain a license for its business needs and subject to specific terms.

### **For More Information: Call Today!**

AmiCOUR IP Group is pleased to present this offer to interested buyers. Contact: J. Scott Bechtel, Managing Partner and CEO, by phone at 765-807-2480 or by email at [sbechtel@amicourip.com](mailto:sbechtel@amicourip.com).