Unified Patents Inc., Petitioner

v.

Universal Secure Registry LLC, Patent Owner

IPR2018-00067 (Patent 8,577,813)

Presentation of Petitioner Unified Patents Inc.

Oral Hearing – January 30, 2019

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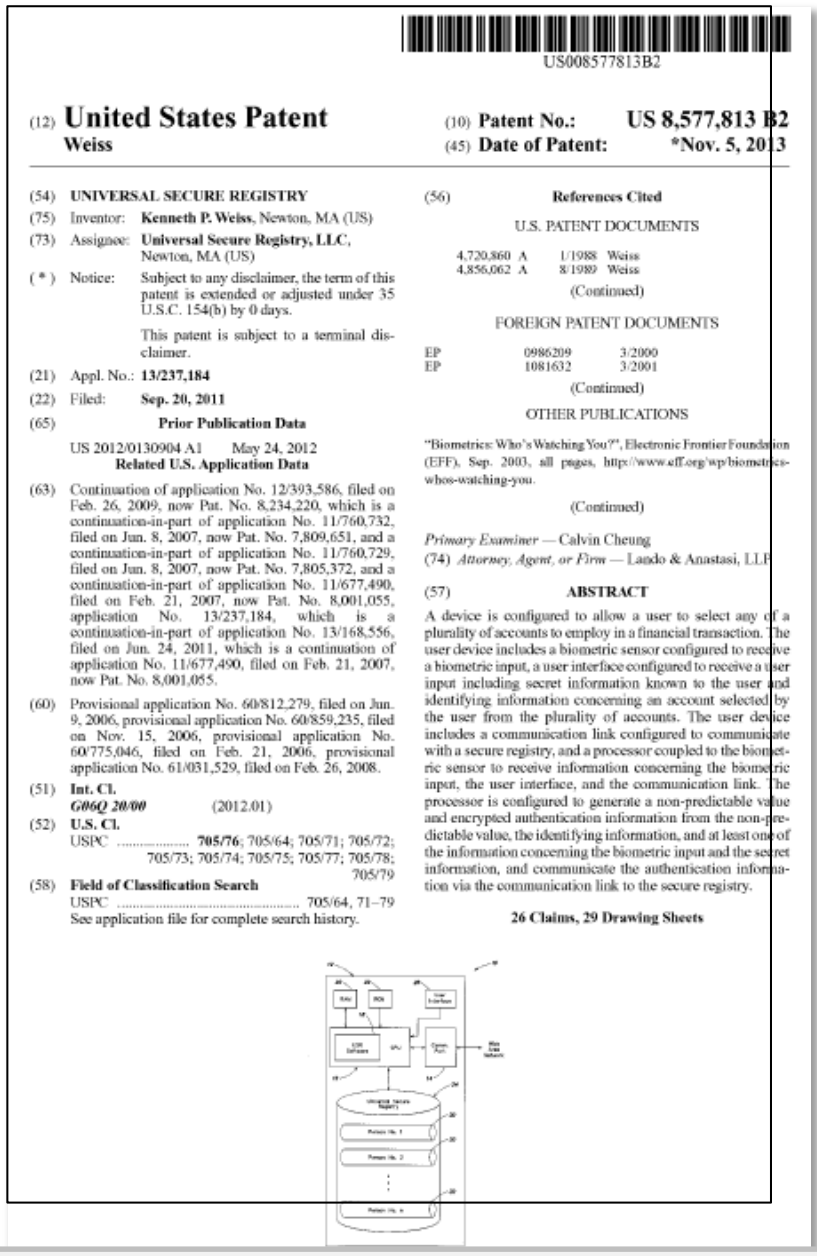
Overview of the ’813 Patent



US008577813B2

(12) **United States Patent**
Weiss

(10) **Patent No.: US 8,577,813 B2**
(45) **Date of Patent: *Nov. 5, 2013**

(54) **UNIVERSAL SECURE REGISTRY**

(75) Inventor: **Kenneth P. Weiss**, Newton, MA (US)

(73) Assignee: **Universal Secure Registry, LLC**, Newton, MA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

(21) Appl. No.: **13/237,184**

(22) Filed: **Sep. 20, 2011**

(65) **Prior Publication Data**

US 2012/0130904 A1 May 24, 2012

Related U.S. Application Data

(63) Continuation of application No. 12/393,586, filed on Feb. 26, 2009, now Pat. No. 8,234,220, which is a continuation-in-part of application No. 11/760,732, filed on Jun. 8, 2007, now Pat. No. 7,809,651, and a continuation-in-part of application No. 11/760,729, filed on Jun. 8, 2007, now Pat. No. 7,805,372, and a continuation-in-part of application No. 11/677,490, filed on Feb. 21, 2007, now Pat. No. 8,001,055, application No. 13/237,184, which is a continuation-in-part of application No. 13/168,556, filed on Jun. 24, 2011, which is a continuation of application No. 11/677,490, filed on Feb. 21, 2007, now Pat. No. 8,001,055.

(60) Provisional application No. 60/812,279, filed on Jun. 9, 2006, provisional application No. 60/859,235, filed on Nov. 15, 2006, provisional application No. 60/775,046, filed on Feb. 21, 2006, provisional application No. 61/031,529, filed on Feb. 26, 2008.

(51) **Int. Cl.**
G06Q 20/00 (2012.01)

(52) **U.S. Cl.**
USPC **705/76**; 705/64; 705/71; 705/72; 705/73; 705/74; 705/75; 705/77; 705/78; 705/79

(58) **Field of Classification Search**
USPC 705/64, 71–79
See application file for complete search history.

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(57) **ABSTRACT**

A device is configured to allow a user to select any of a plurality of accounts to employ in a financial transaction. The user device includes a biometric sensor configured to receive a biometric input, a user interface configured to receive a user input including secret information known to the user and identifying information concerning an account selected by the user from the plurality of accounts. The user device includes a communication link configured to communicate with a secure registry, and a processor coupled to the biometric sensor to receive information concerning the biometric input, the user interface, and the communication link. The processor is configured to generate a non-predictable value and encrypted authentication information from the non-predictable value, the identifying information, and at least one of the information concerning the biometric input and the secret information, and communicate the authentication information via the communication link to the secure registry.

26 Claims, 29 Drawing Sheets

(57) **ABSTRACT**

A device is configured to allow a use
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user device includes a biometric sensor
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with a secure registry, and a processor c
ric sensor to receive information conc
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and encrypted authentication informati
dictable value, the identifying informati
the information concerning the biometri
information, and communicate the aut
~~tion via the communication link to the~~

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Overview of the '813 Patent

"1. An electronic ID device configured **to allow a user to select any one accounts associated with the user to employ in a financial transacti**

- a biometric sensor configured to receive a biometric input provided
- a user interface configured to receive a user input including secret i

to the user and identifying information concerning an account selected the plurality of accounts;

- a communication interface configured to communicate with a secur
- a processor coupled to the biometric sensor to receive information biometric input, the user interface and the communication interface, t programmed to activate the electronic ID device based on successful a the electronic ID device of at least one of the biometric input and the s the processor also being programmed such that once the electronic ID the processor is configured to generate a non-predictable value and to encrypted authentication information from the non-predictable value, associated with at least a portion of the biometric input, and the secret to communicate the encrypted authentication information via the com interface to the secure registry; and
- wherein the communication interface is configured to wirelessly tra

encrypted authentication information to a point-of-sale (POS) device, a secure registry is configured to receive at least a portion of the encrypt information from the POS device"

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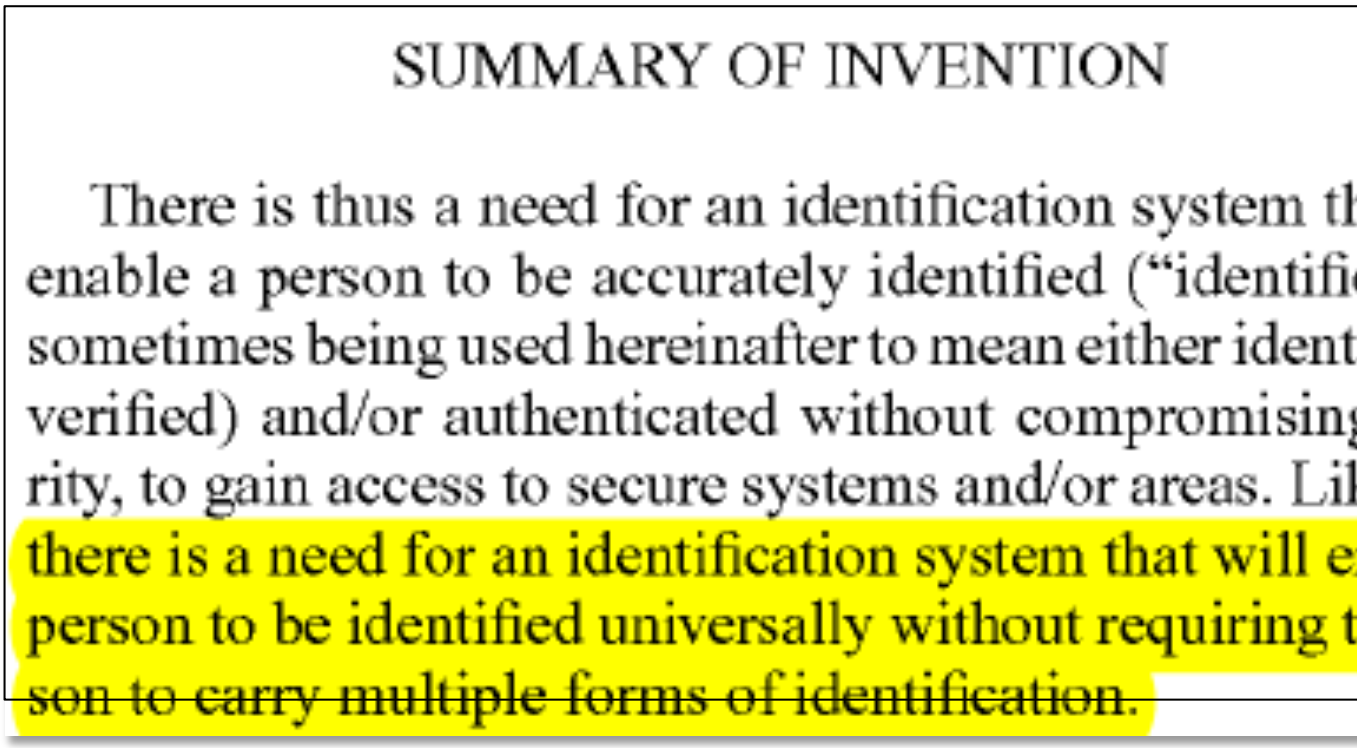
Overview of the ’813 Patent



SUMMARY OF INVENTION

There is thus a need for an identification system th
enable a person to be accurately identified (“identifi
sometimes being used hereinafter to mean either ident
verified) and/or authenticated without compromising
rity, to gain access to secure systems and/or areas. Lik
there is a need for an identification system that will e
person to be identified universally without requiring t
son to carry multiple forms of identification.

EX1001, ’813

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Overview of the '813 Patent

According to one embodiment, the USR **356** incl
secure database that stores account information for a pl
of users **358**. In a further embodiment, the USR **356**
records concerning one or more accounts **360** for each
plurality users so that in effect the USR **356** in the
creates a secure wallet that allows a user of the device
select a particular account from among a plurality of ac
associated with the user for use in a selected transactio

EX1001, '813

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