

***Apple Inc.,
Visa Inc., and Visa U.S.A. Inc.,***

v.

Universal Secure Registry, LLC,

**Petitioner Apple Inc.'s Demonstrative Slide
U.S. Patent No. 9,530,137**

Case No. IPR2018-00809

United States Patent and Trademark Office

July 16, 2019

Roadmap

- ▶ **The Claims Are Invalid**
- ▶ **Responses to USR's Surreply**
- ▶ **Lack of Secondary Considerations**
- ▶ **USR's Substitute Claims Are Not Patentable**
- ▶ **USR's Motion to Strike Should Be Denied**

Roadmap

- ▶ **The Claims Are Invalid**
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The Claims Are Invalid

- **Claims 1, 2, 6, 7, 9, and 12 are invalid as obvious over Jakobsson '585 and Maritzen.**
- **Claim 5 is invalid as obvious over Jakobsson '585, Maritzen, and Niwa.**

'137 Patent Claims A System For Authenticating A User Using Known Techniques With Generic Components

1. A system for authenticating a user for enabling a transaction, the system comprising:

a first device including:

a first processor, the first processor programmed to authenticate a user of the first device based on secret information and to retrieve or receive first biometric information of the user of the first device;

a first wireless transceiver coupled to the first processor and programmed to transmit a first wireless signal including first authentication information of the user of the first device; and

a biometric sensor configured to capture the first biometric information of the user;

wherein the first processor is programmed to generate

one or more signals including the first authentication information, an indicator of biometric authentication, and a time varying value in response to valid authentication of the first biometric information, and

to provide the one or more signals including the first authentication information for transmitting to a second device; and

wherein the first processor is further configured to receive an enablement signal from the second device; and

the system further including the second device that is configured to provide the enablement signal indicating that the second device approved the transaction based on use of the one or more signals;

wherein the second device includes a second processor that is configured to provide the enablement signal based on the indication of biometric authentication of the user of the first device, at least a portion of the first authentication information, and second authentication information of the user of the first device to enable and complete processing of the transaction.

(12) **United States Patent**
Weiss

(10) **Patent No.:** US 9,530,137 B2
(45) **Date of Patent:** *Dec. 27, 2016

(54) **METHOD AND APPARATUS FOR SECURE ACCESS PAYMENT AND IDENTIFICATION** (2013.01); *G06Q 20/40* (2013.01); *G06Q 20/401* (2013.01); *G06Q 30/06* (2013.01); (Continued)

(71) Applicant: UNIVERSAL SECURE REGISTRY, LLC, Newton, MA (US)

(72) 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.: 15019,660

(22) Filed: Feb. 9, 2016

(65) **Prior Publication Data**
US 2016/0162902 A1 Jun. 9, 2016

Related U.S. Application Data

(63) Continuation of application No. 14/814,740, filed on Jul. 31, 2015, which is a continuation of application (Continued)

(51) **Int. Cl.**
G06Q 20/40 (2012.01)
G06F 21/32 (2013.01)
(Continued)

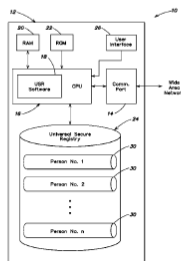
(52) **U.S. Cl.**
CPC *G06Q 20/40145* (2013.01); *G06F 21/32* (2013.01); *G06F 21/35* (2013.01); *G06F 21/6245* (2013.01); *G06Q 20/3676* (2013.01); *G06Q 20/385* (2013.01); *G06Q 20/3821*

(58) **Field of Classification Search**
CPC *G06Q 20/40145*
See application file for complete search history.

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Primary Examiner — Calvin Cheung
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(57) **ABSTRACT**
According to one aspect, the invention provides a system for authenticating identities of a plurality of users. In one embodiment, the system includes a first handheld device including a wireless transceiver which is configured to transmit authentication information, a second device including a wireless receiver, where the second device is configured to receive the authentication information.

12 Claims, 28 Drawing Sheets



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