

***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. 9,100,826**

*Case No. IPR2018-00810*

*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**

# Roadmap



**The Claims Are Invalid**



Responses to USR's Surreply



Lack of Secondary Considerations



USR's Substitute Claims Are Not Patentable

## The Claims Are Invalid

- Claims 1, 2, 6, 7, 8, 10, 11, 14, 15, 21, 22, 24, 26, 27, 31, and 34 are invalid as obvious over Maritzen, Jakobsson '585, and Niwa.

## '826 Patent Claims A System for Authenticating A User Using Known Techniques With Generic Components

1. A system for authenticating identities of a plurality of users, the system comprising:

a first handheld device including:

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

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

a second device including:

a second processor;

a second wireless transceiver coupled to the second processor, and

a second memory coupled to the second processor, and wherein the second device is configured to retrieve or receive respective second authentication information for a first plurality of users, wherein the first plurality of users includes the user of the first handheld device;

wherein the first processor is programmed to first authentication information derived from biometric information and to transmit the authentication information of the user of the first handheld device to the second device via the network, wherein the second processor is configured to receive the first authentication information from the first handheld device; wherein the second processor is configured to retrieve or receive the second authentication information from the user of the first handheld device; and wherein the second processor is configured to use the first authentication information and the second authentication information to authenticate the user of the first handheld device with the second device.

Ex. 1001 ['826]

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