

# Charter Pacific Biometrics Acquisition



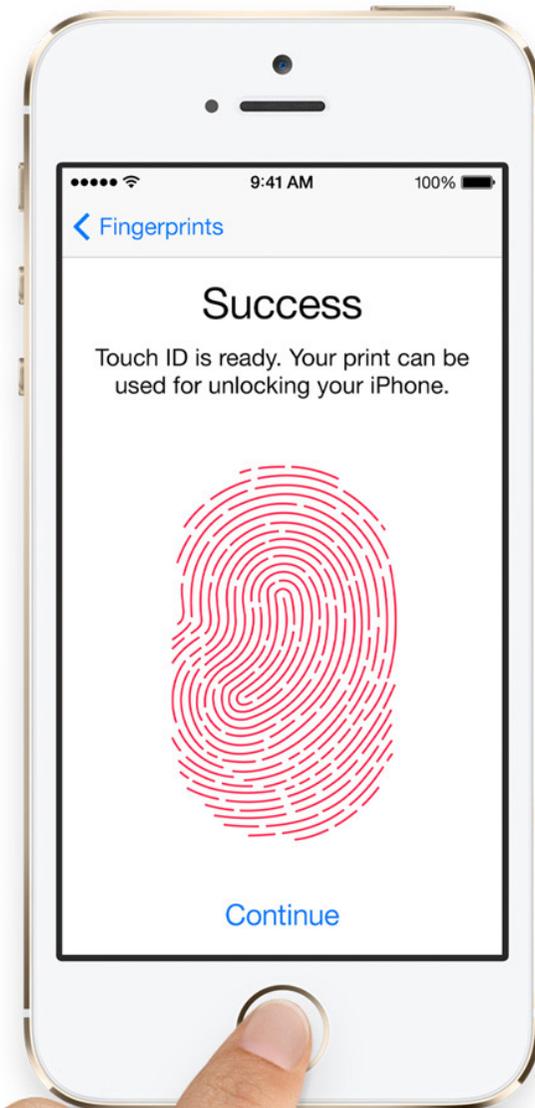
# Charter Pacific Biometrics Acquisition

Charter Pacific has executed a Share Purchase Agreement to acquire 100% of Microlatch.

Microlatch has a patent portfolio of 26 registered patents globally with one single patent (Remote Entry System) being valued at up to US\$313 million.

Microlatch wholly owns the global patents that makes any biometric verification possible on a mobile device or smart card.

Whether it's fingerprint, facial or voice recognition, iris scanning or any other biometric signature, it is only ever Microlatch patented technology that permits the act of enrollment of an authorised biometric signature.



# Microlatch

## What is the golden bullet?

**Microlatch invented and owns the patent rights which enables secure biometric access to mobile devices.**

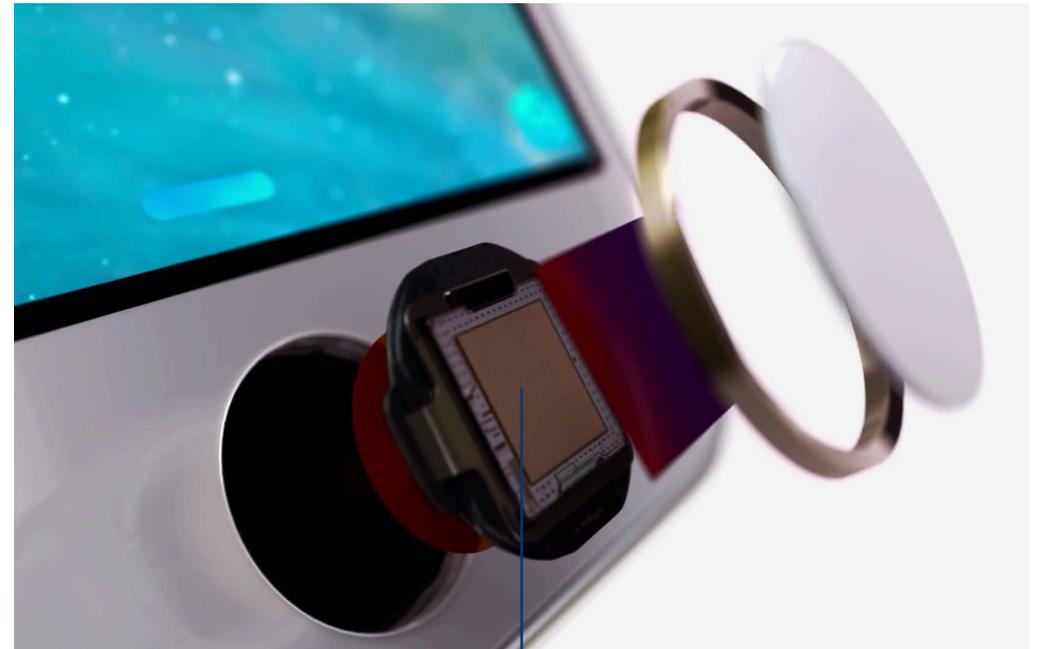
It owns the specific biometric enrollment function that resides within a chip under the home button on a mobile device.

### Without Microlatch technology

- A user could not register their biometric signature, without infringing the patent.
- Banks and smartphone providers could not offer secure biometric mobile solutions, without infringing the patent.

**The patents on biometric technology are currently being used by global leaders.**

**Charter Pacific is seeking to accelerate the commercialisation of the patents and to secure license revenue for their use.**



# Biometric in use

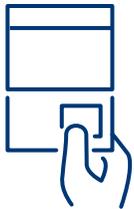


Video source: [zwipe](#)

# Biometric Smart Cards

**Biometric Smart Cards are a smart card containing a fingerprint sensor within its structure. This provides a simple and secure way for cardholders to authenticate their identity for in-store purchases with their fingerprint through the biometric enrollment function as an alternative to PIN or signature.**

## How the Biometric Card works at a chip-enabled terminal



### Step 1

The cardholder inserts or taps the card at the terminal while holding their thumb on the card sensor.



### Step 2

The sensor creates a digital image of the thumb which is then matched against the already stored image on the card.



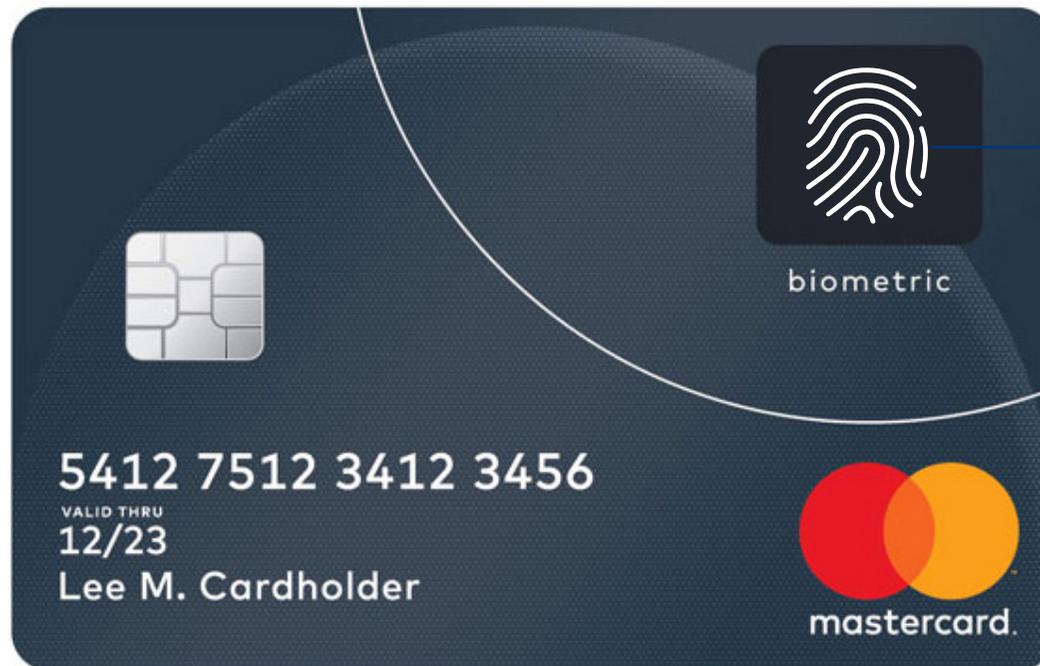
### Step 3

If there is a successful biometric match, the cardholder's identity is authenticated and the transaction is authorized. If there is an unsuccessful biometric match the card will prompt the cardholder for a PIN or signature.

## Biometric Smart Cards

Visa and Mastercard have chips embedded in hundreds of millions of credit and debit cards around the world. They are used in more than 200 countries and process billions of payments each year.

The Mastercard Biometric Card will be live in select markets in early 2018.



Visa and Mastercard are creating biometric cards that use your fingerprint instead of a PIN.

# Biometric Mobile Devices

**Microlatch invented and wholly owns a family of patents that makes any biometric verification possible on mobile devices.**

Once you've enrolled your biometric signature on your mobile device, only biometrically authorised persons are able to access your phone.

Many mobile devices offer the ability for biometric verification, but you need to first enroll your biometric signature on the device to be able to use it.

It is this specific biometric enrollment function that resides within a chip under the home button on a mobile device, that Microlatch invented and owns the patent rights to.

It's called Remote Entry System, which is part of Microlatch's 26 related patents.



# Biometric Applications



## Key Applications for existing and future use of Microlatch technology include:

**Mobile computing device secure access**  
Secure biometric access.

## Payment Card Providers and Platforms Identity

Touchless payment transactions enabled by secure biometric access.

## Debit and Credit Cards

Addition of biometric signature of authorised user on all debit and credit cards.

## Online banking

Future addition/ replacement of Online banking One Time Password devices with biometric signature of authorised user.

## Identity

Inclusion of biometric signature of authorised user on driver's licenses, passports and general corporate and/or government identification cards.



## Personal Security

Biometric activation of intruder alarm systems replacing PIN.

## Automotive

Addition of fingerprint biometrics to car remote key fobs to ensure that only the authorised user has access to the vehicle.

## Security access (building and data networks)

Biometric access control to buildings, rooms and data networks for every entry / log-in application.

## For further information please contact:

Kevin Dart  
Executive Chairman  
AICD

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[kjdart@charpac.com.au](mailto:kjdart@charpac.com.au)  
+61 7 5538 2558

[www.charpac.com.au](http://www.charpac.com.au)

