

Inter Partes Review
U.S. Patent No. 9,269,200
and
U.S. Patent No. 9,665,700

Oral Argument, June 29, 2022

Apple Inc. v. CPC Patent Technologies PTY, LTD.
Case Nos. IPR2022-00601 and IPR2022-00602

Grounds for '705 Patent

- ▶ Ground I: Claims 1, 4, 6, 10-12, and 14-17

- ▶ Mathiassen (Ex. 1004) in view of McKeeth (Ex. 1005) and Anderson (Ex. 1006)
- ▶ The '208 Patent IPR has substantially similar ground

- ▶ Summary of Modifications to Mathiassen

- ▶ Mathiassen modified by McKeeth to output two additional account attributes (i.e., alert and duress)
- ▶ Mathiassen modified by Anderson to characterize Mathiassen's fingerprint touches by the **duration** of each touch and number of touches
- ▶ Mathiassen modified to include an enrollment command in a data table that instructs enrollment of new user

'705 Patent, Claim 1

The invention claimed is:

1. A system for providing secure access to a controlled item, the system comprising:

a memory comprising a database of biometric signatures;

a transmitter sub-system comprising:

a biometric sensor configured to receive a biometric signal;

a transmitter sub-system controller configured to match the biometric signal against members of the database of biometric signatures to thereby output an acces-

1(b2) sibility attribute; and

a transmitter configured to emit a secure access signal conveying information dependent upon said accessibility attribute; and

a receiver sub-system comprising:

a receiver sub-system controller configured to:

receive the transmitted secure access signal; and

provide conditional access to the controlled item dependent upon said information;

wherein the transmitter sub-system controller is further configured to:

receive a series of entries of the biometric signal, said series being characterised according to at least one of the number of said entries and a duration of each said entry;

map said series into an instruction; and

populate the data base according to the instruction, wherein the controlled item is one of: a locking mechanism of a physical access structure or an

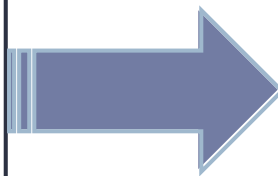
1(d1) – 1(d3)

Duration Limitation: Mathiassen's Modification with Anderson

Proposed Modification to Mathiassen Applying Anderson's Duration Teachings

Mathiassen Teaches:

- (1) Series of fingerprint representations
- (2) Detecting fingerprint touch/no-touch sequences
- (3) Measuring finger movements across fingerprint sensor
- (4) Translating categorized finger movements into control signals



Proposed Modification
Substitute finger movement
across sensor with detection
duration of a fingerprint
and number of fingerprint
presses

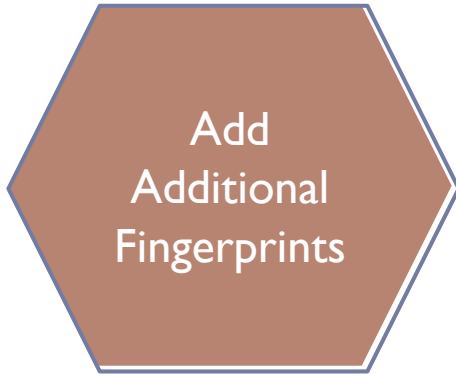
Mathiassen (Ex. 1004) [01921]

CPC's "Simpler" Solutions: Additional Fingerprints and a Push Button

CPC's "Simpler" Solutions for Indicating Duress



Add
Mechanical
Push Button



Add
Additional
Fingerprints

CPC's Declarant Opinion:

Mathiassen c

have been modified by adding a well-known physical push button to gen
a duress signal. Ex. 2010 at 59:9-21.

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