Inter Partes Review U.S. Patent No. 9,269,20

U.S. Patent No. 9,665,70

Oral Argument, June 29, 20

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



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Grounds for '705 Patent

- Ground 1: Claims 1, 4, 6, 10-12, and 14-17
 - Mathiassen (Ex. 1004) in view of McKeeth (Ex. 1005) and Ander 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 nu touches
 - Mathiassen modified to include an enrollment command in c table that instructs enrollment of new user



'705 Patent, Claim I

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-

I(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

I(dI) - I(d3)

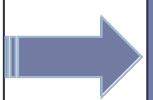


Duration Limitation: Mathiassen's Modification with Anderson

Proposed Modification to Mathiassen Applyin Anderson's Duration Teachings

Mathiassen Teaches:

- (1) Series of fingerprint representations
- (2) Detecting fingerprint touch/notouch sequences
- (3) Measuring finger movements across fingerprint sensor
- (4) Translating categorized finger movements into control signals



Proposed Modification
Substitute finger moves
across sensor with determination of a fingerprint
and number of fingerprint
presses

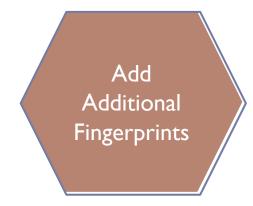
Mathiagan /Ex IMM/ MIDOT



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

CPC's "Simpler" Solutions for Indicating Dure

Add Mechanical Push Button



CPC's Declarant Opinion:

Mathiassen o

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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