

PATENT OF THE MONTH *in the Biometry Field* – JUNE 2012

Information taken from the “**BIOMETRY PATENT NEWSLETTER**” published by H-R&S

HONNORAT RECHERCHES & SERVICES

23 rue Président Favre – 74 000 ANNECY – FRANCE

Tel. : 33 4 50 45 83 32 – Fax : 33 4 50 45 71 34

Email : info-hrs@numericable.fr – Web site : www.honnorat-rs.fr

US20120154117A1

(FINGERPRINT – FACE – VOICE RECOGNITION)

SUPPLEMENTING BIOMETRIC IDENTIFICATION WITH DEVICE IDENTIFICATION

Fingerprint sensor of fingerprint electrical system, has electrical system that measures impedance and/or electrical current through each mechanical oscillator

Applicant: MICROSOFT CORP

Inventors : Nice Nir, Kfar Veradim / Krupka Eyal, Shimshit

Application Number / Date : US2010970100A / 2010-12-16

Priority Number / Date / Country : US2010970100A / 2010-12-16 / US

English Abstract: A computer may identify an individual according to one or more biometrics based on various physiological aspects of the individual, such as metrics of various features of the face, gait, fingerprint, or voice of the individual. However, biometrics are often computationally intensive to compute, inaccurate, and unable to scale to identify an individual among a large set of known individuals. Therefore, the biometric identification of an individual may be supplemented by identifying one or more devices associated with the individual (e.g., a mobile phone, a vehicle driven by the individual, or an implanted medical device). When an individual is registered for identification, various device identifiers of devices associated with the individual may be stored along with the biometrics of the individual. Individuals may then be identified using both biometrics and detected device identifiers, thereby improving the efficiency, speed, accuracy, and scalability of the identification.

Claim 1: A method of identifying individuals using a computer having a processor, a data store, a biometric detector, and a device detector, the method comprising:

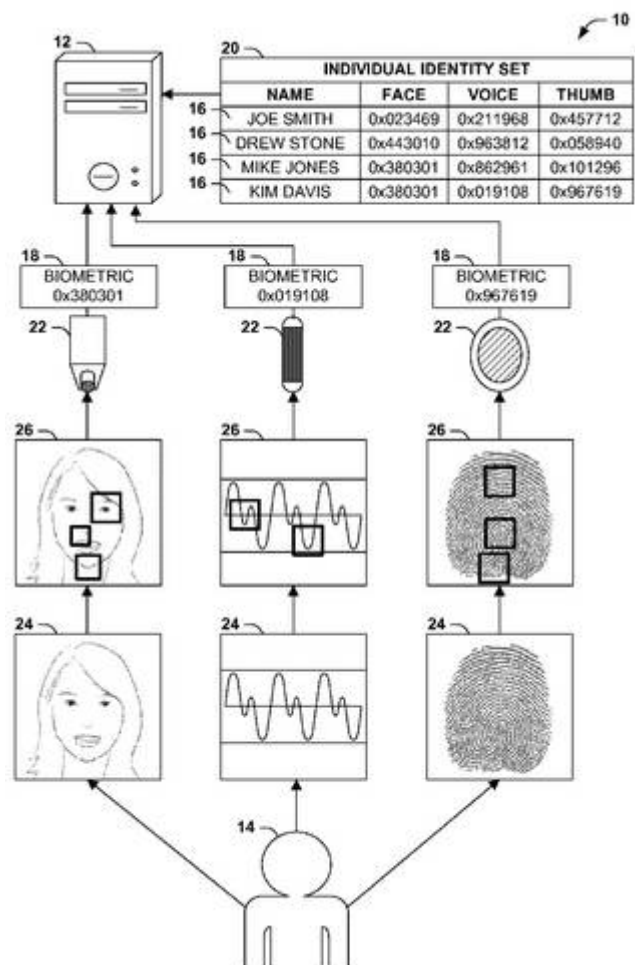
•executing on the processor instructions configured to:

◦for respective individuals, store in the data store an individual identity comprising:

- at least one biometric identifying the individual, and
- at least one device identifier identifying at least one device associated with the individual; and

◦identifying an individual detectable by the computer by:

- using the biometric detector, detecting at least one biometric identifying the individual;
- using the device detector, detecting at least one device identifier identifying at least one device that is associated with the individual; and
- retrieving from the data store an individual identity comprising the biometric and the device identifier.



No equivalents

Status: In progress

Research Report: Not available