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(54) **CLASSIFICATION AND ORGANIZATION OF CONSUMER DIGITAL IMAGES USING WORKFLOW, AND FACE DETECTION AND RECOGNITION**

**Related U.S. Application Data**

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**Publication Classification**

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**G06K 9/00** (2006.01)

(52) **U.S. Cl. .... 348/77; 382/118; 382/224; 348/E07.085**

(57) **ABSTRACT**

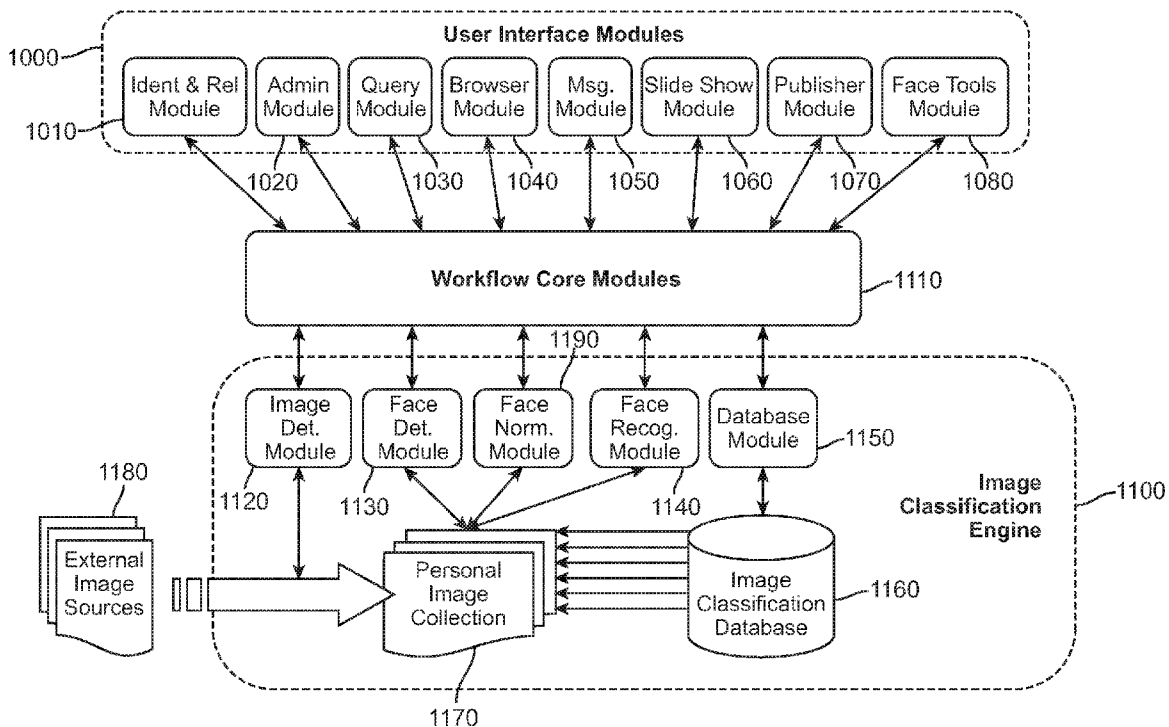
A processor-based system operating according to digitally-embedded programming instructions performs a method including identifying a group of pixels corresponding to a face region within digital image data acquired by an image acquisition device. A set of face analysis parameter values is extracted from said face region, including a faceprint associated with the face region. First and second reference faceprints are determined for a person using reference images captured respectively in predetermined face-portrait conditions and using ambient conditions. The faceprints are analyzed to determine a baseline faceprint and a range of variability from the baseline associated with the person. Results of the analyzing are stored and used in subsequent recognition of the person in a subsequent image acquired under ambient conditions.

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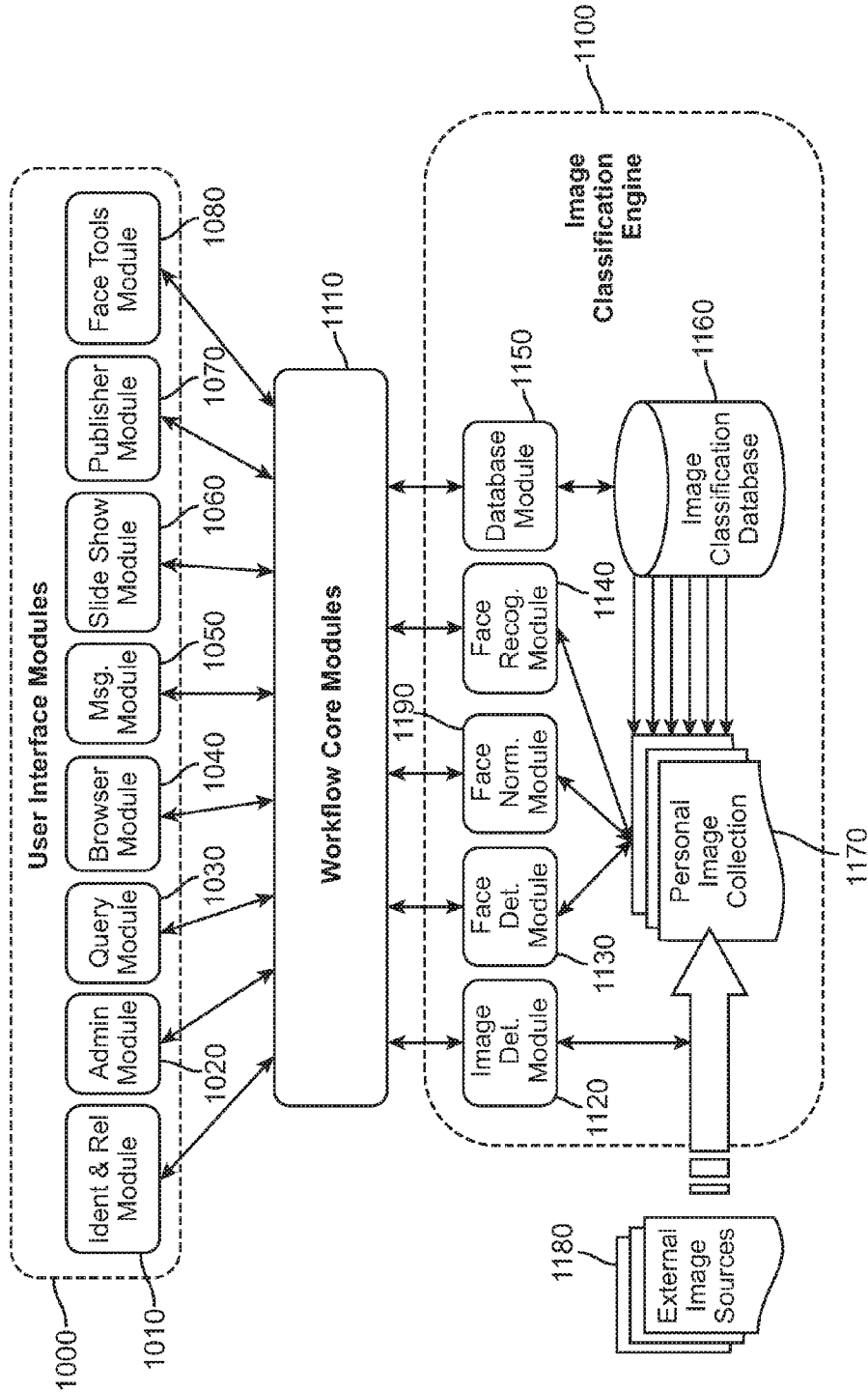


FIG. 1(a)

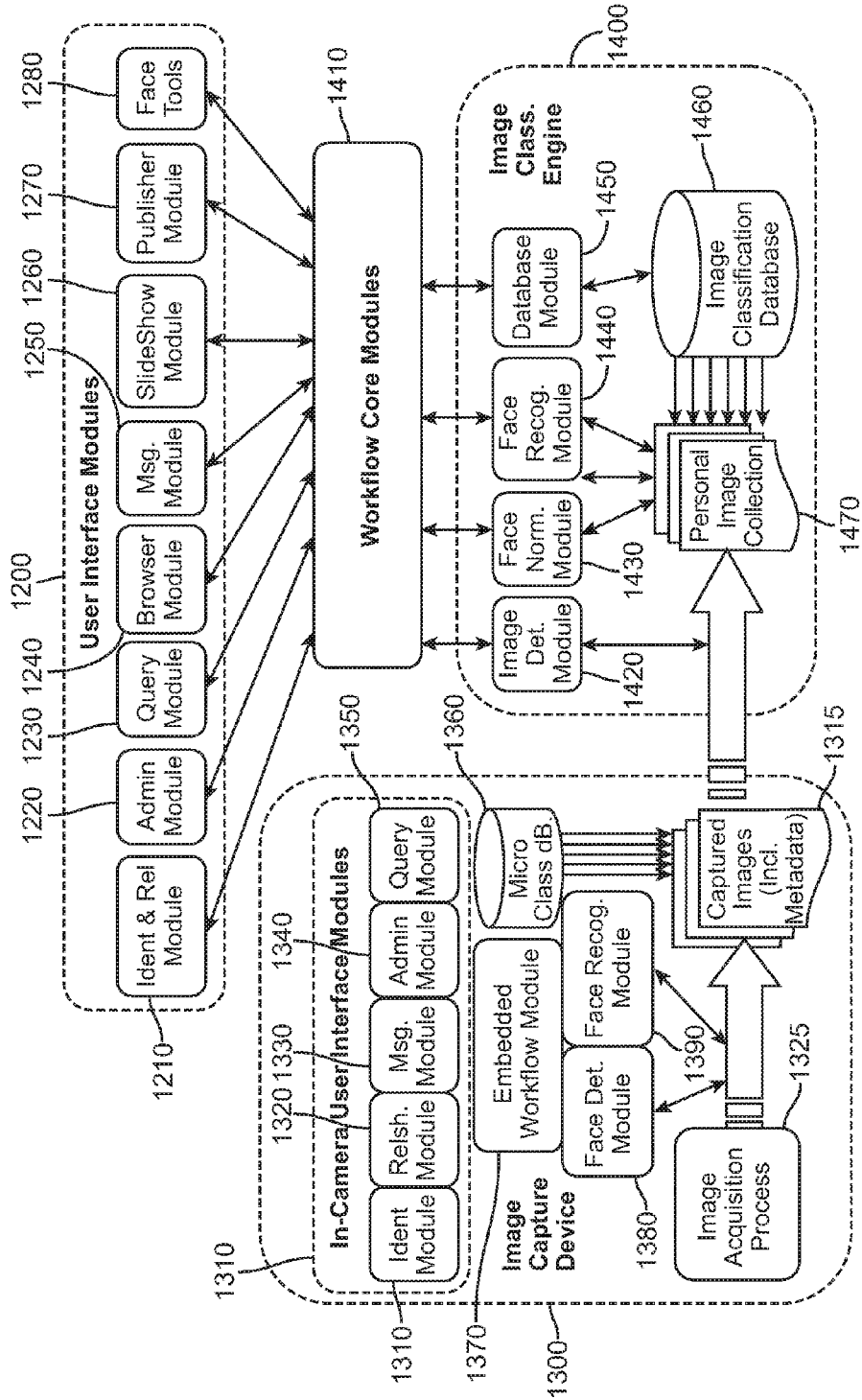


FIG. 1(b)

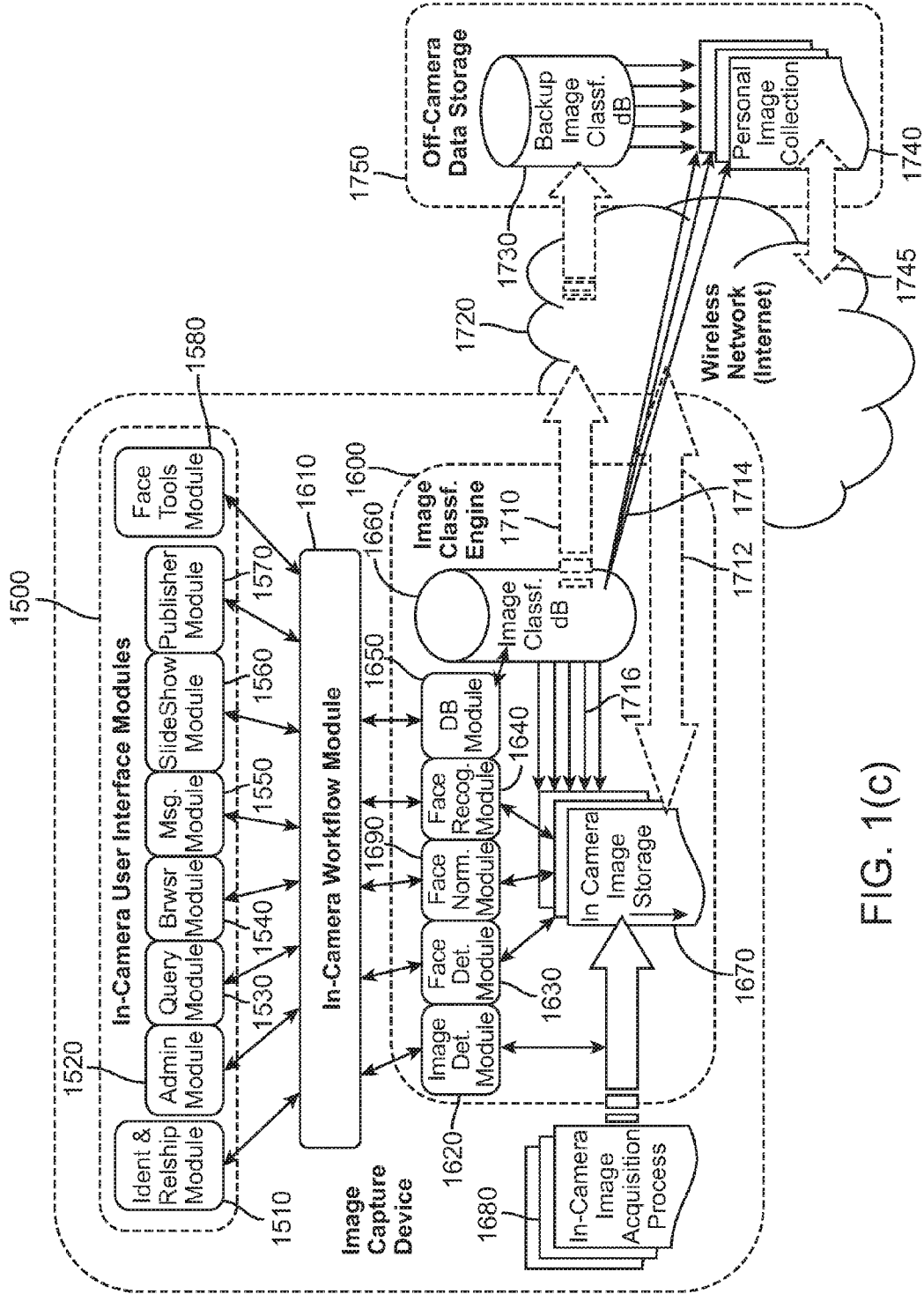


FIG. 1(c)

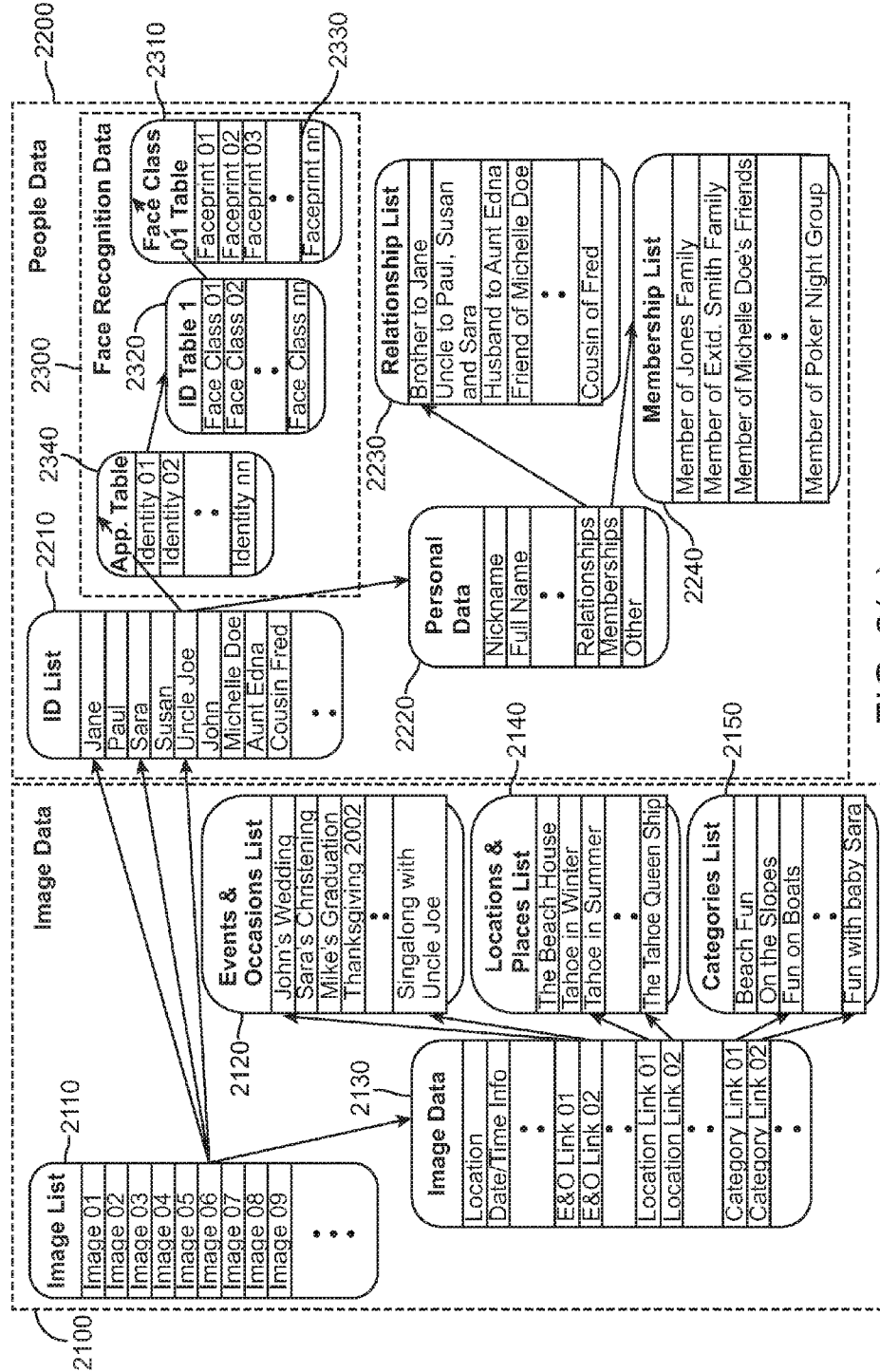


FIG. 2(a)

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