

EXHIBIT B



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Atsmon et al.

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(54) **SYSTEM AND PROCESS FOR AUTOMATICALLY FINDING OBJECTS OF A SPECIFIC COLOR**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

This patent is subject to a terminal disclaimer.

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(63) Continuation of application No. 15/230,433, filed on Aug. 7, 2016, now Pat. No. 9,710,928, which is a (Continued)

(51) **Int. Cl.**

G06K 9/00 (2006.01)
G06T 7/90 (2017.01)

(Continued)

(52) **U.S. Cl.**

CPC **G06T 7/90** (2017.01); **G06F 17/3025** (2013.01); **G06K 9/4652** (2013.01); (Continued)

(58) **Field of Classification Search**

CPC G06K 9/6201; G06K 9/4652; G06F 17/3025; H04N 1/6058; H04N 1/60; (Continued)

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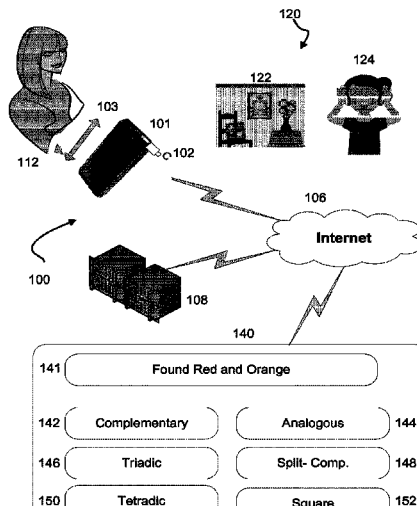
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Primary Examiner — Ali Bayat

(57) **ABSTRACT**

A computer implemented method, system and computer program product for identifying the Main Colors and the matching colors of a visual object, and then viewing on a mobile device select items comprising the matching colors, such as from a merchant's catalog. A visual object is analyzed for color content, and the results are stored on a system database located on the device or on a remote server. The color analysis of the objects comprise advanced image processing techniques, such as Main Color extraction using color space transformation comprising HSV, RGB and CYMK to map between pixels in the image. The user can subsequently view a display on their mobile identifying the visual object's Main Colors and at least one Harmonic Color; and then select and view all items (i.e. products in a database) comprising one Harmonic Color, and/or all items of a specific type and Harmonic Color.

20 Claims, 9 Drawing Sheets



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(58) Field of Classification Search		2009/0202147 A1 8/2009 Sambongi
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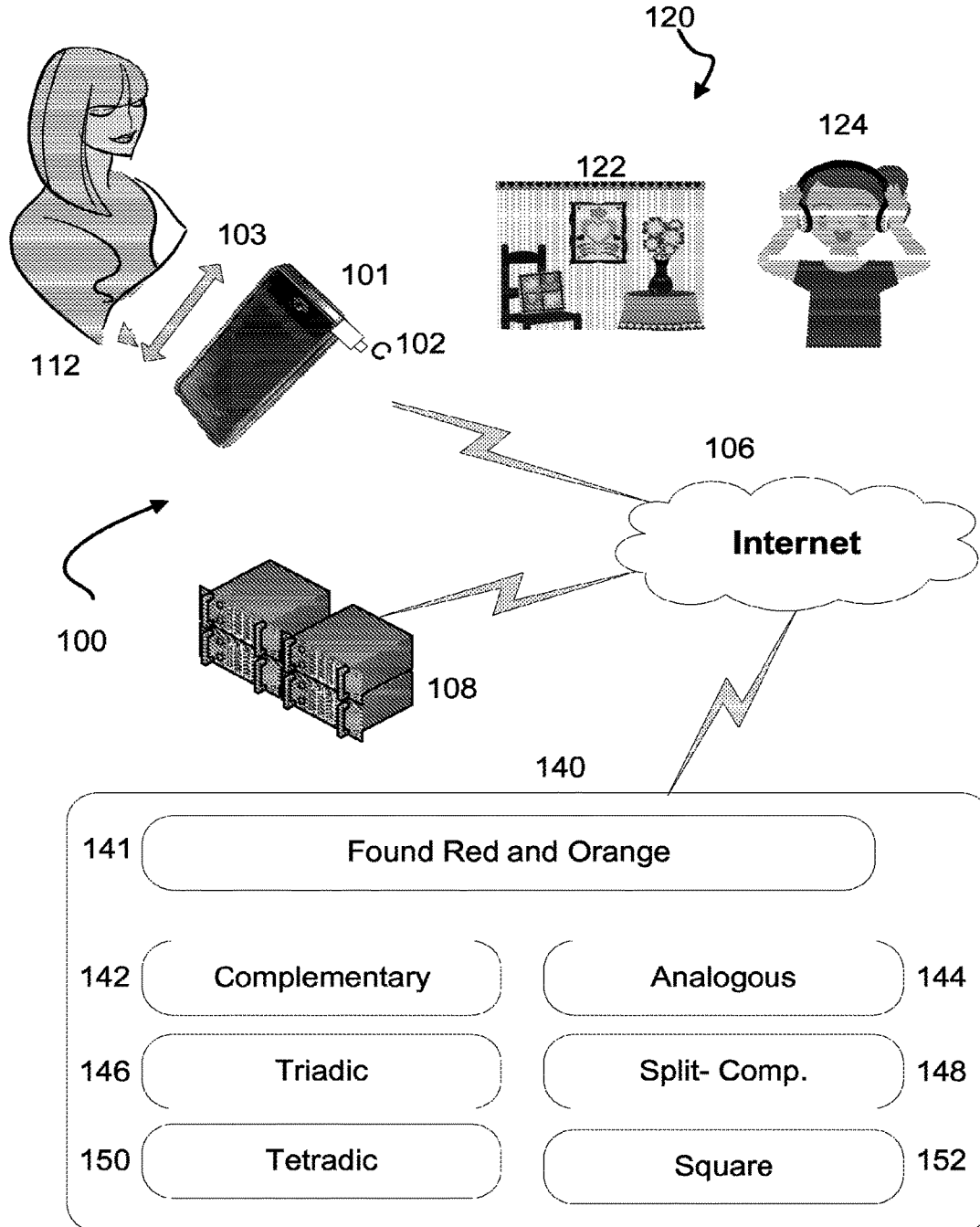


Figure 1

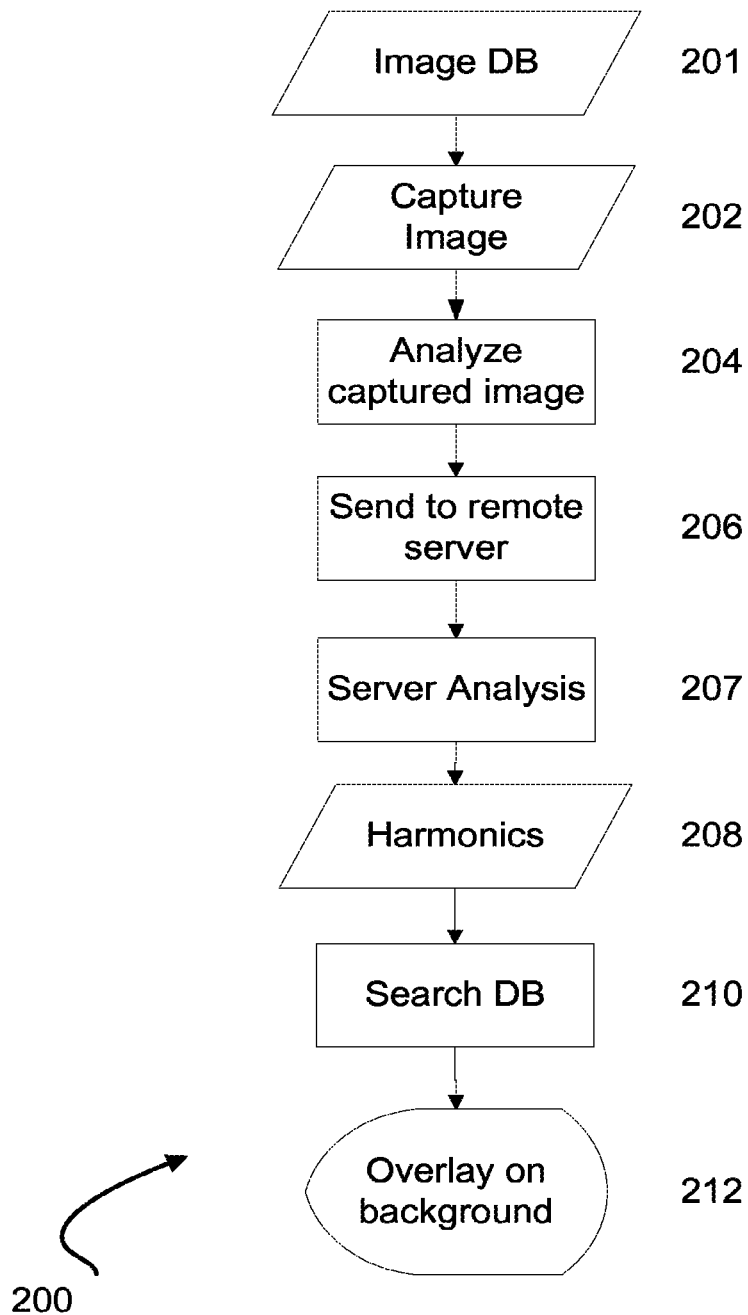


Figure 2

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