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(54) Title: METHOD AND SYSTEM FOR DETERMINING COLOUR FROM AN IMAGE

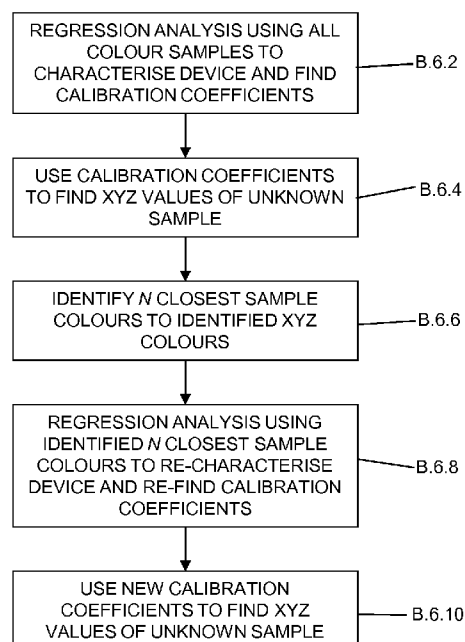


FIGURE 6

(57) Abstract: Embodiments of the invention relate to the determination of the colour of a colour sample from an image of the colour sample. In one embodiment a colour sample capture card is provided having printed thereon colour samples of known colour (for example, XYZ tri-stimulus values). An image of the test colour sample is then captured using domestically available equipment, such as a consumer digital camera or camera-equipped mobile telephone, the image also containing the colour sample capture card. Regression analysis is then performed using the RGB colour samples in the image and known XYZ colours thereof to characterise the colour capture response of the image capture device. In one embodiment the colour calibration characteristics are determined using N known calibration colour samples, wherein N is less than the total number of known calibration colour samples across the whole colour space. Having characterised the image capture device the XYZ colour of the unknown colour sample can be determined from the RGB colour thereof in the image.

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