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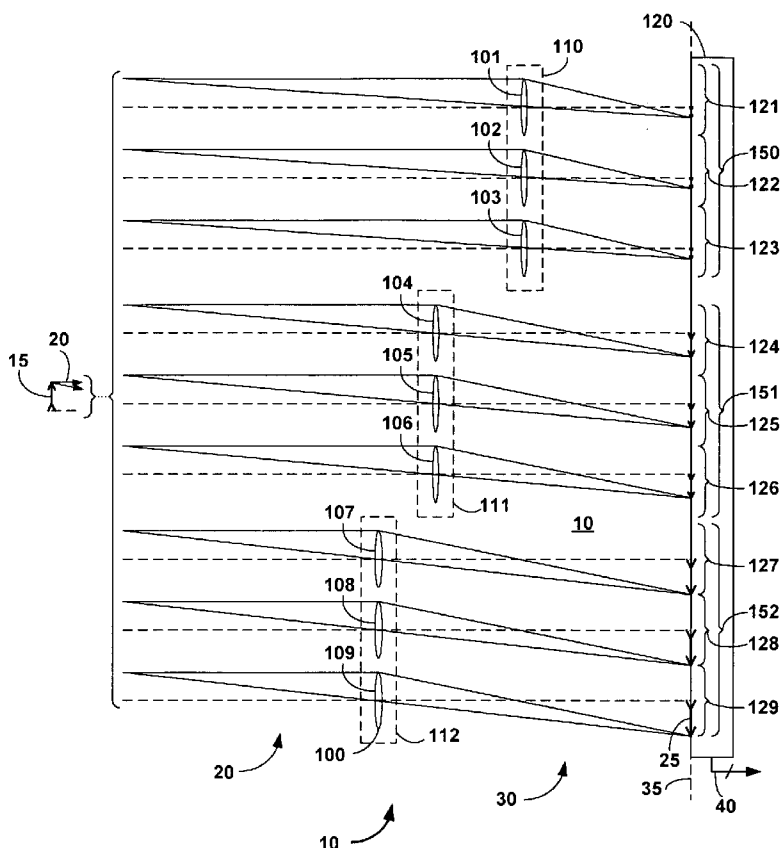
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(54) Title: MULTI-MAGNIFICATION COLOR IMAGE SENSOR



(57) Abstract: A color image sensor (10) has imaging elements each structured to form, at an image plane (35), an image of a subject (25) having a respective magnification. Ones of the imaging elements (101) forming respective ones of the images with the same magnification in light of mutually different colors constitute a set (110) characterized by the magnification of the images. The sets (110) having mutually-different magnifications. The color image sensor (10) additionally has a light sensor (120) located in the image plane (35) and comprising a region (121) of sensor elements disposed opposite each of the imaging elements (101). The regions (121) of sensor elements opposite each of the sets (110) of imaging elements are operable to generate, in response to light (30) incident thereon, a respective color image signal representing the image of the respective magnification.



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