



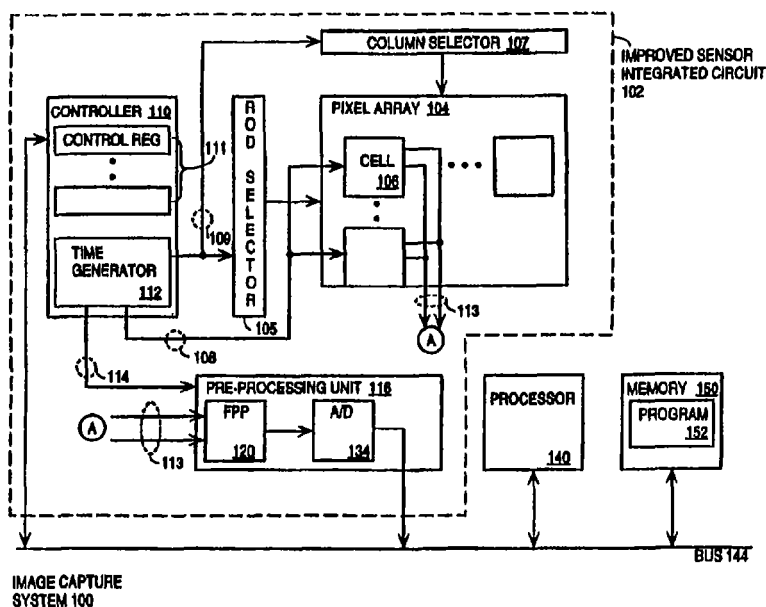
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(54) Title: AN IMPROVED LIGHT SENSOR WITH INCREASED DYNAMIC RANGE



(57) Abstract

In an image capture system having a sensor with a first node and a second node, a method of capturing image data is disclosed. The first node is reset. The second node is reset. An image is collected on the first node. A first pixel value is then transferred from the first node to the second node after a first predetermined time period. The first pixel value and a second pixel value is then provided after a second predetermined time period. An arithmetic operation is performed on the first pixel value and the second pixel value. A system for performing the method is also disclosed.



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