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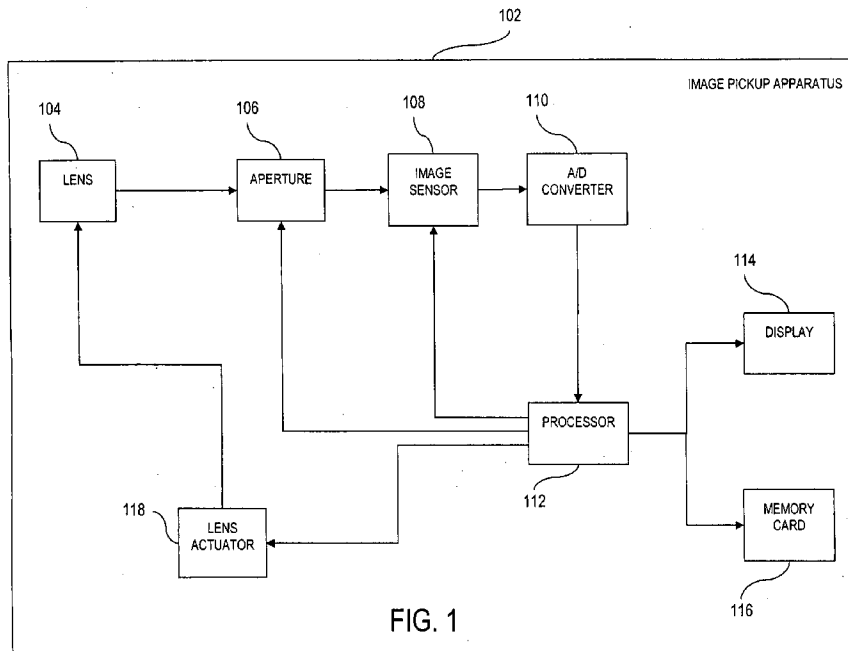
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(54) Title: AUTO - FOCUS IMAGE SYSTEM



(57) Abstract: An auto focus image system that includes an image sensor coupled to a controller. The image sensor captures an image that has at least one edge with a width. The controller generates a focus signal that is a function of the edge width. A lens receives the focus signal and adjust a focus. The edge width can be determined by various techniques including the use of gradients. A histogram of edge widths can be used to determine whether a particular image is focused or unfocused. A histogram with a large population of thin edge widths is indicative of a focused image.

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