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Kermani

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(54) **CAMERA WITH CONFIGURABLE FOCUS AREA**

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G03B 3/00

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396/124

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(57) **ABSTRACT**

An imaging device having a configurable focus area comprising: (a) an imaging system for generating a video signal of an image within a field of view, wherein the imaging system is adapted to adjust the focal point of the image according to an adjustment signal; and (b) a focusing system comprising: (i) a configuration device for facilitating configuration of a focus area within the field of view; and (ii) autofocusing circuitry coupled to the imaging system and the configuration device, the autofocusing circuitry being configured for correlating a configured focus area to a portion of the video signal, analyzing the portion for resolution, and effecting an adjustment signal to the imaging system to adjust the focal point of the image to improve the resolution of the configured focus area.

10 Claims, 5 Drawing Sheets

