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Kerr

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(54) **ENHANCED VISION SYSTEM SENSITIVE TO INFRARED RADIATION**

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(58) **Field of Search** 250/330; 348/33, 348/113, 115, 116, 164

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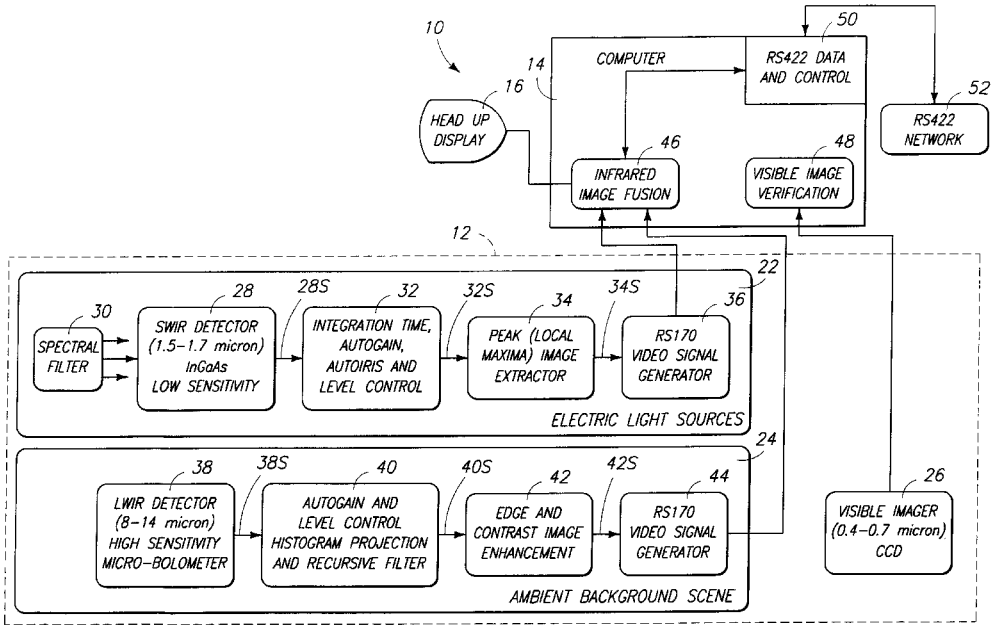
(57) **ABSTRACT**

An enhanced vision system and method for use with vision systems with an imager sensitive to infrared radiation of less than 2-microns in wavelength, to produce a first image signal. Another imager sensitive to infrared radiation at least 3-microns in wavelength may be used to produce a second image signal. Preferably, the first image signal represents sensed electric light sources, and the second image signal represents sensed background such as terrain, runways, structures, and obstacles. A signal processor combines an image signal representing locally maximum values of the first image signal with the second image signal to create a displayed image.

29 Claims, 4 Drawing Sheets