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(54) Title: REAL-TIME DETECTION AND CORRECTION OF SHADOWING IN HYPERSPECTRAL RETINAL IMAGES

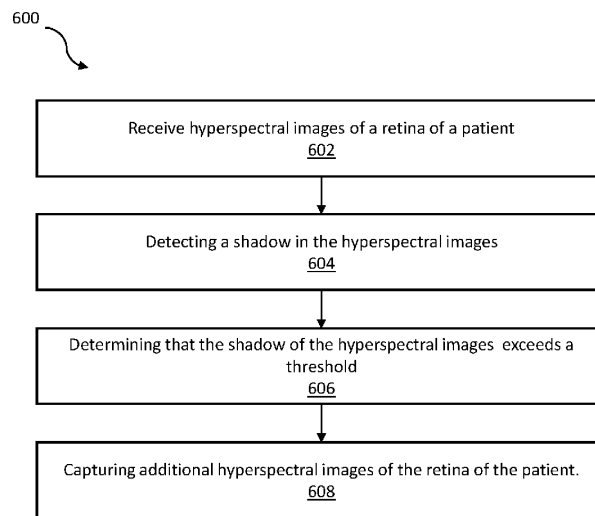


FIG. 6

(57) Abstract: A method for real-time detection and correction of shadowing in hyperspectral retinal images may include capturing receiving, using a processor, a hyperspectral image of a retina of a patient, detecting, by the processor, a shadow in the hyperspectral image, determining, by the processor that the shadow of the hyperspectral image exceeds a threshold, and in response to determining that the shadow of the hyperspectral image exceeds the threshold, initiating, using the processor, a capture of an additional hyperspectral image of the retina of the patient. Various other methods, systems, and computer-readable media are also disclosed.

[Continued on next page]

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