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(54) Title: SYSTEM AND METHOD FOR CLASSIFYING EYE IMAGES

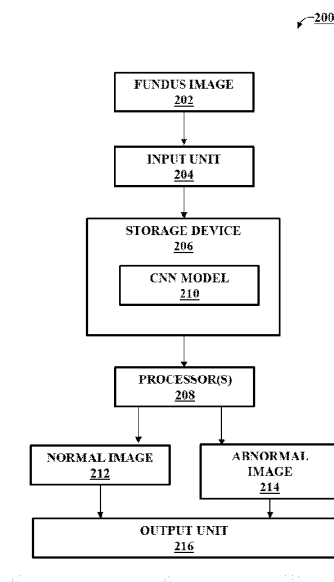


FIG. 1

(57) Abstract: The present invention relates generally to a system and computer implemented method for classifying eye images to assist in automated retinal screening using a deep learning technique. More particularly, the system and method automatically classifies eye images of Age-Related Macular Degeneration (AMD), Diabetic Retinopathy (DR) and glaucoma subjects as abnormal class and eye images of healthy subjects as normal class using a trained deep learning Convolutional Neural Network (CNN).

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