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- (54) **Title:** AUTOMATIC OPTICAL PRESCRIPTION DETECTION

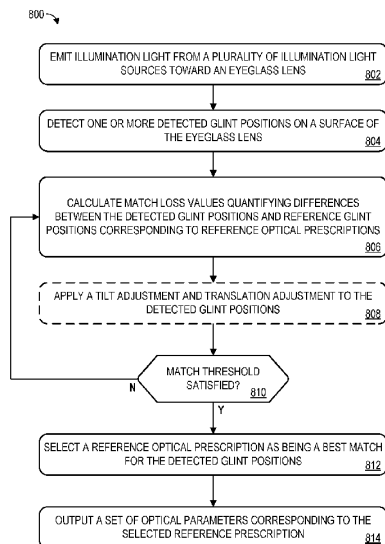


FIG. 8

- (57) **Abstract:** A method for automatically detecting an optical prescription of an eyeglass lens includes emitting illumination light from a plurality of illumination light sources toward an eyeglass lens. Via a camera, the positions of one or more glints caused by the illumination light are detected on a surface of the eyeglass lens. A plurality of match loss values are calculated that quantify differences between the detected glint positions on the surface of the eyeglass lens, and reference glint positions that correspond to a plurality of different reference optical prescriptions. Based on the match loss values, a reference optical prescription is selected as being a best match for the detected glint positions. The set of one or more optical parameters corresponding to the selected reference optical prescription are output.

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