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(54) **METHOD AND SYSTEM OF COREGISTRATING OPTICAL COHERENCE TOMOGRAPHY (OCT) WITH OTHER CLINICAL TESTS**

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G06K 9/00 (2006.01)

(52) **U.S. Cl.** **382/128**; 128/922; 378/4; 351/200

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See application file for complete search history.

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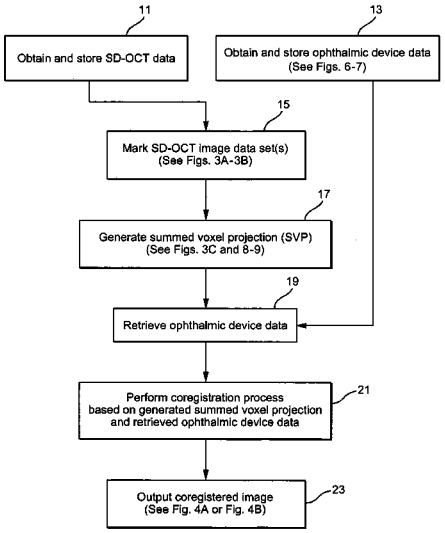
(57) **ABSTRACT**

A method/system preserves annotations of different pathological conditions or changes that are recognized on cross-sections within a three dimensional volume of a patient's eye so that the annotations are maintained in a visible state in an en face projection produced with a SVP technique. it is thus possible to coregister the annotated conditions or changes with other types of two dimensional en face images such as images from other ophthalmic devices (e.g., angiography device, microperimetry device, autofluorescence device, fundal photography device.). The annotations are also maintained in a visible state in the coregistered image.

46 Claims, 10 Drawing Sheets