

ABSTRACT

DETECTION APPARATUS AND DETECTION METHOD

A detection apparatus includes a display (101), an imaging unit (102) an eye gaze detector (354), an output
5 controller (356), and a gaze point detector (355). The
imaging unit (102) images a subject. The eye gaze detector
(354) detects an eye gaze direction of the subject based on
a captured image captured by the imaging unit (102). The
output controller (356) displays a diagnostic image that
10 includes an own person image including a face image and a
geometric pattern image, onto the display (101). The gaze
point detector (355) detects a first gaze point as a gaze
point of the subject in the person image based on the eye
gaze direction and detects a second gaze point as a gaze
15 point of the subject in a region that includes at least one
of a center of a geometric pattern, a characteristic
portion of the geometric pattern, a portion in which
density of lines forming the geometric pattern is higher
than other portions, and a portion in which the geometric
20 pattern changes, in the geometric pattern image.

FIG. 4