

ABSTRACT

OBJECT DETECTION DEVICE, OBJECT DETECTION METHOD, AND
COMPUTER-READABLE STORAGE MEDIUM

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An object detection device includes: an image acquisition unit configured to acquire an image at a predetermined time interval; a first image processing unit configured to extract an object from the acquired image; a
10 second image processing unit configured to extract a plurality of candidate areas of the object on a screen, based on a position of the object acquired in a previous frame of the image; a comparison unit configured to compare the object extracted by the first image processing unit and
15 the candidate areas with an object extracted from an image in the previous frame of the image; and a specification unit configured to specify a candidate area of a current frame that matches the object extracted from the image in the previous frame, from the candidate areas, based on a
20 comparison result of the comparison unit.

Figure 1.