

DETECTION DEVICE AND DETECTION METHOD

[ABSTRACT]

5 A detection device (100) includes: a generator (101) that generates a plurality of waves; a plurality of transmitters (102) that emit the plurality of waves, the plurality of waves each being emitted by a corresponding one of the plurality of transmitters (102); a
10 plurality of receivers (103) each of which receives one or more of the plurality of waves as a composite wave; a deriver (104) that derives individual data for each combination of one of the plurality of transmitters (102) and one of the plurality of receivers (103) by deriving, from received data of each of the plurality of receivers (103), the individual data corresponding to each of the plurality of
15 transmitters (102); and a detector (105) that detects an object that affects at least one of the plurality of waves, according to the individual data.

Figure 4