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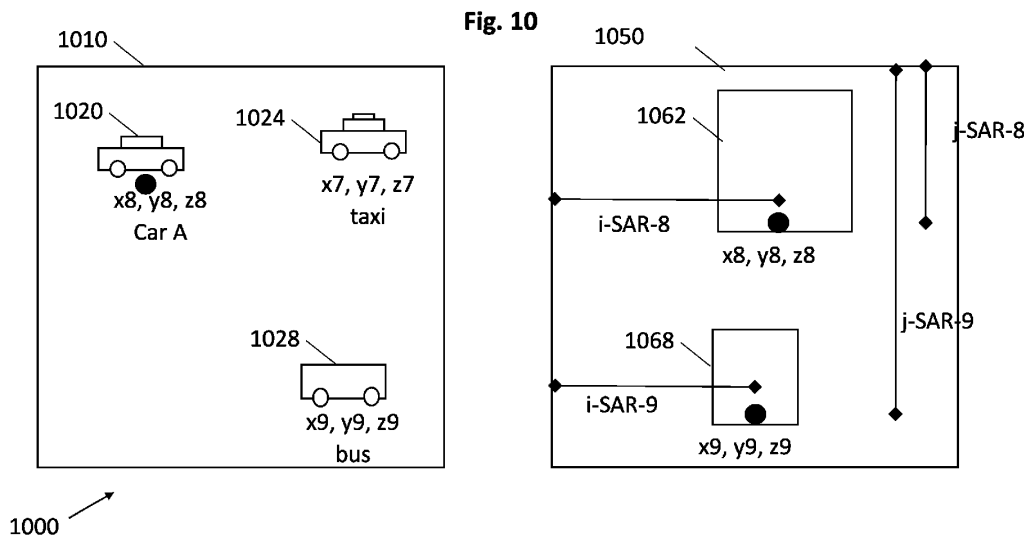
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(54) Title: AUTOMATED LABELING OF OBJECTS IN RADAR IMAGES AND SIGNALS USING ELECTRO-OPTIC IMAGES



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(57) Abstract: Method of labelling data: (a) receiving unlabeled non-Electro-Optical data, comprising a set of non-EO images or signals captured during a first time period, being indicative of a first region (b) receiving unlabeled EO data, captured during a second period corresponding to the first, comprising video image frames, indicative of a second region corresponding to the first; (c) classifying second object(s) appearing on one or more of the video frames. Generating video-image label(s) and labelled EO data; and (d) labeling first object(s) appearing in unlabeled non-EO data with corresponding video- image label, based on: (I) correspondence of first time(s) of capture, of non-EO images/ signal, to second time(s) of capture, of video frame(s); (II) correspondence of positions of first object(s) and classified second object(s); and (III) a respective geographic position, associated with the video frame(s). Generating labelled non-EO data, which facilitate machine learning of non-EO signatures of first objects.

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