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Title: VIDEO SURVEILLANCE SYSTEM EMPLOYING VIDEO PRIMITIVES

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AMENDMENT AND REPLY

This Amendment and Reply ("Reply") is in response to the non-final Office Action dated August 30, 2013.

Amendments to the Claims begin on page 2 of this paper.

A Listing of the Status of Claims and Support for the New Claims begins on page 22 of this paper.

Remarks begin on page 23 of this paper.

Amendments to the Claims

Pursuant to 37 CFR 1.530 (d)(2) and (f)(2), please add the following proposed new claims:

42. (New) A method comprising:

providing a video device which detects an object upon analyzing a video from a single camera and which detects plural attributes of the detected object upon analyzing the video from said single camera, the plurality of attributes including at least a physical attribute and a temporal attribute;

then, selecting a rule, which is not a rule used to detect any individual attribute, as a new user rule, the new user rule providing an analysis of a combination of the attributes to detect an event that is not one of the detected attributes; and

applying the new user rule to the combination of the attributes to detect the event, wherein the attributes to be detected are independent of the event to be detected, and wherein the event of the object refers to the object engaged in an activity.

43. (New) A method comprising:

detecting an object in a video from a single camera;

detecting a plurality of attributes of the object by analyzing the video from said single camera, the plurality of attributes including at least one of a physical attribute and a temporal attribute, each attribute representing a characteristic of the detected object;

selecting a new user rule after detecting the plurality of attributes; and

after detecting the plurality of attributes and after selecting the new user rule, identifying an event of the object that is not one of the detected attributes of the object by applying the new user rule to the plurality of detected attributes, wherein applying the new user rule to the plurality of detected attributes comprises filtering;

wherein the plurality of attributes that are detected are independent of which event is identified,

wherein the step of identifying the event of the object identifies the event without reprocessing the video, and

wherein the event of the object refers to the object engaged in an activity.

44. (New) A video device comprising:

means for detecting an object in a video from a single camera;

means for detecting a plurality of attributes of the object by analyzing the video from said single camera, the plurality of attributes including at least a physical attribute and a temporal attribute, each attribute representing a characteristic of the detected object;

a memory storing the plurality of detected attributes;

means for selecting a new user rule after the plurality of detected attributes are stored in memory; and

means for identifying an event of the object that is not one of the detected attributes of the object by applying a selected new user rule to the plurality of attributes stored in memory, for identifying the event independent of when the attributes are stored in memory and for identifying the event without reprocessing the video, wherein applying the selected new user rule to the plurality of attributes comprises filtering, and

wherein the event of the object refers to the object engaged in an activity.

45. (New) A method comprising:

providing a video device which detects an object upon analyzing a video from a single camera and which detects plural attributes of the detected object upon analyzing the video from said single camera, the plurality of attributes including at least a physical attribute and a temporal attribute; and

then, selecting a rule, which is not a rule used to detect any individual attribute, as a new user rule, the new user rule providing an analysis of a combination of the attributes to detect an event that is not one of the detected attributes, wherein the analysis provided by the new user rule comprises filtering,

wherein the attributes to be detected are independent of the event to be detected, and

wherein the event of the object refers to the object engaged in an activity.

46. (New) A non-transitory computer-readable storage medium containing instructions that when executed by a computer system cause said computer system to implement the following method comprising:

detecting an object in a video from a single camera;

detecting a plurality of attributes of the object by analyzing the video from said single camera, the plurality of attributes including at least one of a physical attribute and a temporal attribute, each attribute representing a characteristic of the detected object;

selecting a new user rule after detecting the plurality of attributes; and

after detecting the plurality of attributes and after selecting the new user rule, identifying an event of the object that is not one of the detected attributes of the object by applying the new user rule to the plurality of detected attributes, the event of the object being identified without reprocessing the video, wherein applying the new user rule to the plurality of detected attributes comprises filtering;

wherein the plurality of attributes that are detected are independent of which event is identified, and

wherein the event of the object refers to the object engaged in an activity.

47. (New) A method comprising:

detecting an object in a video from a single camera;

detecting a plurality of attributes of the object in real time by analyzing the video from said single camera, the plurality of attributes including at least one of a physical attribute and a temporal attribute, each attribute representing a characteristic of the detected object;

selecting a new user rule after detecting the plurality of attributes; and

after detecting the plurality of attributes and after selecting the new user rule, identifying an event of the object that is not one of the detected attributes of the object by applying the new user rule to the plurality of detected attributes;

wherein the plurality of attributes that are detected are independent of which event is identified,

wherein the step of identifying the event of the object identifies the event without reprocessing the video, and

wherein the event of the object refers to the object engaged in an activity.

48. (New) A video device comprising:

means for detecting an object in a video from a single camera;

means for detecting a plurality of attributes of the object in real time by analyzing the video from said single camera, the plurality of attributes including at least a physical attribute and a temporal attribute, each attribute representing a characteristic of the detected object;

a memory storing the plurality of detected attributes;

means for selecting a new user rule after the plurality of detected attributes are stored in memory; and

means for identifying an event of the object that is not one of the detected attributes of the object by applying a selected new user rule to the plurality of attributes stored in memory, for identifying the event independent of when the attributes are stored in memory and for identifying the event without reprocessing the video, and

wherein the event of the object refers to the object engaged in an activity.

49. (New) A method comprising:

providing a video device which detects an object upon analyzing a video from a single camera and which detects plural attributes of the detected object in real time upon analyzing the video from said single camera, the plurality of attributes including at least a physical attribute and a temporal attribute; and

then, selecting a rule, which is not a rule used to detect any individual attribute, as a new user rule, the new user rule providing an analysis of a combination of the attributes to detect an event that is not one of the detected attributes,

wherein the attributes to be detected are independent of the event to be detected, and

wherein the event of the object refers to the object engaged in an activity.

50. (New) A non-transitory computer-readable storage medium containing instructions that when executed by a computer system cause said computer system to implement the following method comprising:

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