

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Alan J Lipton et al. Attorney Docket: OV-101
Serial Number: 12/569,116 Group Art Unit: 2621
Filed: September 29, 2009 Examiner: Tung Vo
Confirmation Number: 7686
Title: **VIDEO SURVEILLANCE SYSTEM EMPLOYING VIDEO
PRIMITIVES**

SECOND SUPPLEMENTAL AMENDMENT AND INTERVIEW SUMMARY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313

Dear Sir:

This is a further Supplemental Amendment to the response filed October 13, 2010.

Please enter the following amendment and consider the following remarks.

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-26 (Cancelled).

27. (Currently Amended) 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 the plurality of attributes that are detected are independent of which event is identified, ~~and~~
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.

28. (Cancelled).

29. (Previously Presented) The method of claim 27, wherein selecting the new user rule comprises selecting a subset of the plurality of attributes for analysis.

30. (Previously Presented) The method of claim 27, wherein the plurality of attributes that are detected are defined in a device prior to a selection of a subset of the plurality of attributes.

31. (Previously Presented) The method of claim 27, wherein no analysis is performed on at least some of the detected attributes to detect an event.

32. (Previously Presented) The method of claim 27, wherein the plurality of attributes include plural physical attributes and the method comprises applying the new user rule to a plural number of physical attributes.

33. (Previously Presented) The method of claim 27, wherein the plurality of attributes include plural temporal attributes and the method comprises applying the new user rule to a plural number of temporal attributes.

34. (Previously Presented) The method of claim 27, further comprising:
storing the detected attributes in memory; and

identifying the event of the object by analyzing only a subset of the attributes stored in the memory.

35. (Currently Amended) A method comprising:
detecting first and second objects in a video from a single camera;
detecting a plurality of attributes of each of the detected first and second objects by analyzing the video from said single camera, each attribute representing a characteristic of the respective detected object;
selecting a new user rule; and
after detecting the plurality of attributes, identifying an event that is not one of the detected attributes of the first and second objects 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 an event of the object comprises identifying a first event of the first object interacting with the second object by analyzing the detected attributes of the first and second objects, the first event not being one of the detected attributes, and
wherein the event of the object refers to the object engaged in an activity.

36. (Currently Amended) 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, and

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

37. (Previously Presented) The video device of claim 36, further comprising:
a video camera operable to obtain the video.

38. (Previously Presented) The video device of claim 36, wherein the means for identifying an event of the object comprises means for identifying a first event of the object in real time by analyzing, of the plurality of attributes, only a first selected subset of the plurality of attributes.

39. (Previously Presented) The video device of claim 38, wherein the means for identifying an event of the object comprises means for identifying a second event of

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