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Title: VIDEO SURVEILLANCE SYSTEM EMPLOYING VIDEO PRIMITIVES

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**AMENDMENT AND REPLY**

This Amendment and Reply is in response to the non-final Office Action dated April 10, 2012.

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 **18** of this paper.

Remarks begin on page **19** 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:

23. (New) The video system of claim 1, further comprising a computer having multiple processors, wherein the multiple processors include the first and second processors.

24. (New) A distributed video computer system comprising:

a first computer having a first processor;

a second computer having a second processor, the second computer being connected to the first computer via a network;

wherein the first processor analyzes a video to determine attributes of objects detected in the video, the first processor being in communication with the network to transfer the determined attributes over the network; and

wherein the second processor is separate from the first processor, is in communication with the network to receive the determined attributes transferred from the first processor over the network, determines a first event that is not one of the determined attributes by analyzing a combination of the received determined attributes, and provides, in response to a determination of the first event, at least one of an alert to a user, information for a report, and an instruction for taking an action,

wherein the first processor determines attributes independent of a selection of the first event by the second processor, and

wherein the second processor determines the first event without reprocessing the video analyzed by the first processor.

25. (New) A distributed video computer system comprising:

a first computer having a first processor;

a second computer having a second processor, the second computer being connected to the first computer via a network;

wherein the first processor is configured to analyze a video, to determine attributes of objects detected in the video, and to transfer the determined attributes over the network; and

wherein the second processor is separate from the first processor and is configured to receive the determined attributes transferred from the first processor over the network, to analyze a combination of the received determined attributes, to determine a first event that is not one of the determined attributes, and to provide, in response to a determination of the first event, at least one of an alert to a user, information for a report, and an instruction for taking an action,

wherein the determining of attributes by the first processor is independent of the determination of the first event by the second processor, and

wherein the determining of the first event by the second processor is without reprocessing the video analyzed by the first processor.

26. (New) A video system comprising:

a first computer-readable medium;

a computer including:

a second computer-readable medium;

a first processor which analyzes a video to determine attributes of objects detected in the video, the first processor being in communication with a first communications link to transfer the determined attributes over the communications link and archive the determined attributes in the first computer-readable medium; and

a second processor, separate from the first processor, in communication with the first communications link to receive the determined attributes transferred from the first processor over the first communications link and archived in the first computer readable medium, which determines a first event that is not one of the determined attributes by analyzing a combination of the received determined attributes and which provides, in response to a determination of the first event, at least one of an alert to a user, information for a report, and an instruction for taking an action,

wherein the first processor determines attributes independent of a selection of the first event by the second processor, and

wherein the second processor determines the first event without reprocessing the video analyzed by the first processor.

27. (New) The video system of claim 26, wherein the first computer-readable medium is configured to transmit and receive data via the first communications link.

28. (New) The video system of claim 26, wherein the first communications link comprises a network.

29. (New) A video system, comprising:

a computer-readable medium in communication with a communications channel, the computer-readable medium archiving detected attributes;  
an input in communication with the communications channel;  
a processor configured to receive from the input a stream of the detected attributes received over the communications channel from the computer-readable medium, the received attributes being attributes of one or more objects detected in a video, the processor configured to determine an event that is not one of the detected attributes by analyzing a combination of the received attributes and configured to provide, upon a determination of the event, at least one of an alert to a user, information for a report and an instruction for taking an action,  
wherein the attributes received over the communications channel are independent of the event to be determined by the processor, and  
wherein the processor is configured to determine the event without reprocessing the video.

30. (New) The video system of claim 29, wherein the communications channel comprises a network.

31. (New) A video system, comprising:  
a computer-readable medium archiving detected attributes;  
a processor configured to receive a stream of the detected attributes from the computer-readable medium via a communications channel, to analyze a combination of the received determined attributes, to determine an event that is not one of the detected attributes, and to

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