

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 13/005,510 Confirmation No.: 2673  
Applicant : John V. Weaver  
Filing Date : January 12, 2011  
Title : ARCHITECTURE FOR WIRELESS COMMUNICATION AND  
MONITORING  
Group Art Unit : Not Yet Assigned  
Examiner : Not Yet Assigned  
Docket No. : 910188-45  
Customer No. : 34313

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

**PRELIMINARY AMENDMENT**

Sir:

Prior to examination, please amend the above-identified application as

follows:

Amendment to the claims begins on page 2 of this paper.

Remarks/Arguments begin on page 4 of this paper.

### Amendment to Claims

What is claimed is:

1. (Amended) ~~A wireless data communication~~ An apparatus for wireless data communication comprising:

a wireless access point serving a geographic area that communicates with an Internet Protocol based network for at least broadband Internet communications and receives and transmits data between a wireless network module and the Internet;

a video camera remote from said wireless access point high definition surveillance camera for surveillance of monitoring a particular area of interest and capturing high definition image data, the surveillance video camera comprising an analog to digital converter module to convert captured analog image data into digital image data, a processor that processes the digital image data into processed image data, a compression module that compresses the processed image data into compressed data, and a wireless network module that wirelessly receives and transmits the compressed processed data from and to an said wireless access point, thereby allowing surveillance and Internet service within the geographical area served by said wireless access point. ; and  
~~a wireless access point that receives data from the wireless network module, the wireless access point further transmitting and receiving data that can be carried on the Internet, thereby allowing surveillance Internet service within the geographical area served by the wireless access point.~~

2. (Amended) The apparatus of claim 1 wherein the video camera further comprises  
~~comprising~~ a microphone to capture sound data for transmission to said wireless  
access point.
3. (Amended) The apparatus of claim 2 wherein the processor of the video camera is  
a digital signal processor.
4. (Amended) The apparatus of claim 3, wherein the video camera further comprises  
~~comprising~~ an analytics module that evaluates the processed image data to find  
predetermined characteristics of the area undergoing surveillance.
5. (Original) The apparatus of claim 4 wherein the analytics module comprises a  
programmable processor and a memory module.
6. (Amended) The apparatus of claim 1 wherein the video camera further comprises  
~~comprising~~ a rechargeable battery.
7. (Amended) The apparatus of claim 1 wherein the video camera further comprises  
~~comprising~~ a Power over Ethernet (PoE) module.
8. (Original) The apparatus of claim 1 wherein the wireless network module conforms  
to the WiMAX standard.
9. (Original) The apparatus of claim 1 wherein the wireless network module conforms  
to the LTE standard.
10. (Original) The apparatus of claim 1 wherein the wireless network module conforms  
to the Wi-Fi standard.
11. (New) The apparatus of claim 4 wherein the video camera analytics module further  
comprises an alarm, responsive to finding said predetermined characteristic in  
said processed image data, for transmission to said wireless access point.

**REMARKS**

Applicant files this Preliminary Amendment to amend Claims 1 through 4, 6 and 7, and to add new Claim 11. Applicant submits that the foregoing Preliminary Amendment adds no new matter.

If there are any additional fees required, the Commissioner is authorized charge Deposit Account No. 15-0665.

Respectfully submitted,  
Orrick, Herrington & Sutcliffe LLP

Dated: August 15, 2011

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