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# PROVISIONAL APPLICATION FOR PATENT COVER SHEET

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

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Additional inventors are being named on the \_\_\_\_\_ separately numbered sheets attached hereto

**TITLE OF THE INVENTION (500 characters max)**

**INTERNET DIRECT CAMERA AND METHOD FOR PROVIDING INTERNET BASED STORAGE SERVICE USING THE SAME**

Direct all correspondence to: **CORRESPONDENCE ADDRESS**

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**ENCLOSED APPLICATION PARTS (check all that apply)**

Specification Number of Pages **6**  CD(s), Number

Drawing(s) Number of Sheets **2**  Other:

Application Data Sheet. See 37 CFR 1.76

**METHOD OF PAYMENT OF FILING FEES FOR THIS PROVISIONAL APPLICATION FOR PATENT**

Applicant claims small entity status. See 37 CFR 1.27.

A check or money order is enclosed to cover the filing fees

The Commissioner is hereby authorized to charge filing fees or credit any overpayment to Deposit Account Number: **50-0624** FILING FEE AMOUNT (\$) **100.00**

The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.

No  Yes, the name of the U.S. Government agency and the Government contract number are:

Respectfully submitted,

Date **July 26, 2005**

SIGNATURE 

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REGISTRATION NO. (if appropriate) **40,657**

Docket Number: **CLEM 201 PROV**

**USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT**

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Provisional Patent Application Transmittal (1 page)  
Specification (6 pages)  
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SMALL ENTITY

## INTERNET DIRECT CAMERA AND METHOD FOR PROVIDING INTERNET BASED STORAGE SERVICE USING THE SAME.

There are four parts to my idea, all of which do not exist currently in the market place.

- 1) An Internet Direct Camera (IDC) that transmits video only or video and audio directly to the internet (without any intermediate hardware) to a web site.
- 2) A Web Site Storage Center (WSSC) that records video or video and audio data transmitted via an IDC onto a web site server that any credentialed user can access to view. **WSSC can receive from cell phones, satellite, DSL, Wi-Fi, WI-Max cable and dial up all at the same time. It's the web address that matters, not how it got there, all data will be recorded on the fly.**
- 3) An Internet Access Antenna (IAA), plugs into port of device and can be set to pick up current wireless DSL, Cable, Satellite, Wi-Fi or Wi-Max.
- 4) **Direct from cell phone telephone number. Camera has imbedded cell phone or portable cell phone antenna unit that connects to camera and transmits live video and audio.**

Characteristics of an IDC:

1. The IDC is
  - a) A camera with all the self-contained hardware necessary to transmit directly to the internet exclusively
  - b) A camera that can do both: transmit directly to the internet or to a local PC or network, which then transmits to the internet.
2. Four Power Sources
  - a) Land lined wire electric only
  - b) Battery only power
  - c) Direct solar power or solar charged batteries
  - d) Any combo of the above as primary with a secondary backup
3. Choice of video only, black and white or color; video and audio in B&W or color
4. Choice of normal recording or an infra-red for low light recording.
5. Can be outfitted with a motion sensor to record only when sensor is activated. Optional speaker and monitor can be attached to IDC so that both parties can talk to and see each other.
6. Six ways to transmit data to internet:
  - a) Cable (with local wireless to PC or wired directly)
  - b) T-Line (with local wireless to PC or wired directly)
  - c) DSL (with local wireless to PC or wired directly)

- d) WiMax or Wi-Fi wireless direct to internet
- e) Satellite wireless transmission direct to internet
- f) Cell phone number direct to a WSSC.

And any combo of above as primary with another as secondary backup

7. The two wireless IDC's (choices d and e above) allow for wireless portability to those locations that provide internet access and/or satellite and cell phone access or, choices a, b and c can be used by being plugged in to land-lined internet access.

8. Traditional digital and video tape cameras will eventually have a port to allow an attachment. This attachment is pre-programmed to a web site, to be plugged in and then make a normal camera into an IDC. This attachment will have additional applications as well to laptops, radios, video games, radios and many other uses that will need pre-linked internet access. Web site linkage can be preset by the factory or set up and changed at one's own PC.

The benefits of recording to a Web Site Storage Center (WSSC) versus to a Digital Video Recorder (DVR).

1. Safe, secure off site backup to onsite storage
2. Ability to mirror primary web storage to a backup secondary web server
3. Ability to view directly with ease, live or stored data, from any where in the world with internet access.
4. Ability to burn copies of data onto CD's or DVD's or local drive from any where in the world with internet access.
5. Ability for multiple (1, 12, 10,000) viewers to view live or stored data at the same time or on demand.
6. Web site would reveal remaining power on power source. Alert calls and emails can be set to notify users.
7. Ability to store and archive huge amounts of data without having to own and maintain the necessary hardware.
8. Password protection and login summaries to view log visits and allow only authorized access.
9. Total ease of use with wireless applications and hardware
10. Ability to maintain as many cameras as necessary, to upgrade your system with ease, without having to add and link and reconfigure your existing system and hardware.
11. For the benefit of a WSSC, a normal camera that transmits to a PC or network, and then on to the internet to a WSSC, can be used versus an IDC.
12. Greater versatility to receive data from many different sources. WSSC can receive from cell phones, satellite, DSL, Wi-Fi, WI-Max cable and dial up all at the same time. It's the web address that matters, nothing else. All will be recorded on the fly. A DVR has to be set up for a particular transmission only, and it's wireless options are limited.

The Benefits of an Internet Access Antenna (IAA).

This product allows the versatility of use of various less expensive devices that do not have wireless hardware, from one device to another, to connect to the internet. Examples radios, video game controllers, televisions, computers, cameras, etc.

Easy adaptation to various wireless technologies.

Can be upgraded with intro of new wireless technologies.

Portability and ease of use.

Can employ a “pay for on demand” satellite or other form of wireless technology, to access the internet. Pay as you go could be a more economical approach for many users. Examples vacation locales, road trips, business trips, those places that have a weak or dead zone for the users current internet access.

Swann brand (purchased in Radio Shack) Micro Cam II Wireless Security Camera which works with the Radio Shack brand 4 channel Switch Box

1. This camera can be powered through an adapter to an electric outlet or used as a wireless camera, by connecting to a 9 volt battery for wireless use.
2. This is a color camera
3. This camera must transmit to a receiver, maximum distance is 100m / 328 feet
4. This camera does not have a speaker to transmit audio.
5. Camera receiver can attach and record to a DVR, VCR or PC (with a capture card). Recording is limited to hard drive or VCR tape capacity. Taping is constant and must be controlled manually. Receiver can also attach to a TV or LCD monitor for viewing only if desired.
6. Remote viewing of computer hard drive is possible with purchase of third party remote dial up software.
7. This receiver can record up to four cameras but Swann recommends using switchable cameras for this purpose OR Radio Shack 4 channel switchbox for multiple camera use.
8. Use of the Switchbox will allow recording to automatically switch between four cameras.
9. When used with a motion sensor camera, the receiver can make an alert noise when motion sensor is activated.

Limitations of Swann and Radio Shack brand Micro Cam II compared to Internet Direct Camera to a Web Site Storage Center.

1. Receiver and camera are limited by the distance signal can travel, my invention can send signal across the world via the internet

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