

Tree Climbing Observation System

Abstract

The invention discloses a remote controlled video camera system for capturing visual images from a tree top. The system comprises at least one remote controlled video camera mounted on a pan-tilt system, a platform with moveable means to move the platform along a linear direction, at least one harpoon anchoring system, at least one winch system with a flexible cord secured to the harpoon anchoring system, at least one energy source to operate energy dependant components and at least one anchoring claw mounted on rear section of the platform.

The harpoon anchoring system and winch system are used to move the platform from a lower level to a higher level of a tree, and visual images from the video camera are capable of being transmitted by wireless means to a video display monitor distantly placed from the video camera. The moveable means to move the platform includes a plurality of traction wheels mounted onto the platform and at least one climbing claw.

Figure 1 accompanies the abstract.