

# EXHIBIT P

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: NAKANO et al.  
Application No.: 12/845,266  
Filed: 7/28/2010  
Title: ELECTRIC CAMERA  
Art Unit: 2622  
Exr.: Nguyen  
**CONF. No.: 9653**

**AMENDMENT**

**MS: AMENDMENT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**July 16, 2012**

Sir:

In response to the Office Action dated March 14, 2012, the period of response for which extension is requested by the attached Petition for Extension of Time, please amend the present application as listed below and as set forth on the following pages:

**Amendments to the Claims;**

**Remarks are included following the amendments.**

**AMENDMENTS TO THE CLAIMS**

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

**Listing of Claims:**

1. (Currently Amended) An electric camera comprising:

an image sensing device with a light receiving sensor having an array of pixels arranged vertically and horizontally in a grid pattern, in an N number of vertically arranged pixel lines, wherein N is equal to or greater than three times a number of effective scanning lines M of a display screen;

a signal processing unit, that generates image signals by using the output signals of the image sensing device; and

a display unit with a the display screen, to display an image corresponding to the image signals;

wherein during monitoring in a static image mode, the signal processing unit generates image signals by mixing or culling signal charges accumulated in the N number of vertically arranged pixel lines to provide pixel lines only at pixel intervals of K1 pixels;

wherein during recording in a moving video mode, the signal processing unit generates image signals by mixing or culling signal charges accumulated in the N number of vertically arranged pixel lines to provide pixel lines only at pixel intervals of K2 pixels, a value of K1 being different from a value of K2; and

wherein during recording in the static image mode, the signal processing unit generates image signals by using all signal charges accumulated in the N number of vertically arranged pixel lines, to provide N pixel lines.

2. (Original) An electric camera according to the claim 1, wherein the value K1 is larger than the value K2.

3. (Original) An electric camera according to the claim 1, wherein during the moving video mode, the signal processing unit generates image signals by using the signal charges mixed or culled at pixel intervals of K2 pixels.

4. (Currently Amended) An electric camera according to the claim 3, comprising:

an image-instability detector which detects an image-instability of the electric camera;

wherein the signal processing unit generates image signals by using the part of signal charges mixed or culled at pixel intervals of K2 pixels, the part being changed according to an amount of image-instability detected by the instability detector to correct the image-instability, during a the moving video mode.

5. (Original) An electric camera comprising:

an image sensing device with a light receiving sensor having an array of pixels arranged vertically and horizontally in a grid pattern, in an N number of vertically arranged pixel lines;

a signal processing unit that generates image signals by processing the output signals of the image sensing device; and

a display unit with a display screen, that displays an image corresponding to the image signals;

wherein when recording an image in a static image mode, the signal processing unit generates image signals by using all signal charges accumulated in all N number of vertically arranged pixel lines of the image sensing device, to provide N pixel lines;

wherein when monitoring an image in a static image mode, the signal processing unit generates image signals by using pixel lines that have been mixed or culled from the N number of vertically arranged pixel lines to only include pixel lines separated from one another by intervals of a first distance; and

wherein when recording an image in a moving video mode, the signal processing unit generates image signals by using a portion of, or the entirety of, pixel lines which have been mixed or culled from the N number of vertically arranged pixel lines to only include pixel lines separated from one another by intervals of a second distance, where the second distance is different from the first distance.

6. (Cancelled)

7. (Original) An electric camera according to the claim 5, further comprising:

an image-instability detector which detects an image-instability of the electric camera; and

wherein when recording in the moving video mode, in order to correct the image-instability, the signal processing unit generates image signals by changing the pixel lines used, and the portion of the pixel lines used, according to an amount of image-instability detected by the instability detector.

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