**Claims**

1. A method for creating a stereoscopic image sequence, the method comprising:

capturing a sequence of static images of a scene with an image capturing device moving in a sweeping motion across the scene such that each captured static image corresponds to a different portion of the scene; and

forming a plurality of image pairs, each image pair comprising a first image and a second image selected from the sequence of static images, selection of the first image being done in a manner so that the image pairs are formed in a spatially coherent manner,

wherein each image pair is associable with a stereo-base that is based on separation between the first and second images, the stereo-base being variable, and

wherein the stereoscopic image sequence is created based on the image pairs.

2. The method of claim 1, wherein the stereo-base is variable based on selection of the first and second images of each image pair.

3. The method of claim 2, wherein selection of the first and second images of each image pair is based on at least one of manual based selection and automatic based selection.

4. The method of claim 3, wherein manual based selection is by manner of presenting the sequence of static images on a display screen for user selection of the first and second images of an image pair.

5. A method for creating a stereoscopic image sequence, the method comprising:

capturing a sequence of static images; and

forming a plurality of image pairs, each image pair comprising a first image and a second image selected from the sequence of static images, selection of the first image being done in a manner so that the image pairs are formed in a spatially coherent manner,

wherein each image pair is associable with a stereo-base that is based on separation between the first and second images, the stereo-base being variable,

wherein the stereoscopic image sequence is created based on the image pairs,

wherein the stereo-base is variable based on selection of the first and second images of each image pair,

wherein selection of the first and second images of each image pair is based on at least one of manual based selection and automatic based selection, and

wherein automatic based selection is based on at least one of variance in focal length associated with at least one static image, salient object detection and characteristics associated with the static images.

6. The method of claim 1, wherein the stereoscopic image sequence is interactive in a manner such that selection of the first image of an image pair is variable based on user interaction when the stereoscopic image sequence is being viewed.

7. The method of claim 1,

wherein the stereoscopic image sequence comprises a plurality of stereoscopic images, each of which is being formed based on an image pair, and

wherein the stereoscopic image viewed by a user when a user is viewing the stereoscopic image sequence is variable based on user motion.

8. The method of claim 1, wherein creating the stereoscopic image sequence relates to producing a stereoscopic video.

9. The method of claim 1, wherein stereo-base is variable in real-time in creating the stereoscopic image sequence.

10. The method of claim 1,

wherein an object of interest is common to the first image and second image, and

wherein stereo-base is based on a horizontal displacement of the object of interest between the first image and the second image.

11. The method of claim 10, wherein the horizontal displacement is measured in pixels.

12. The method of claim 10, wherein the object of interest is varied between image pairs in the stereoscopic image sequence.

13. The method of claim 1, wherein the stereo-base is set in terms of frames separating the first and second images in the sequence of static images.

14. The method of claim 1, wherein the stereo-base is different between image pairs.

15. The method of claim 1, wherein selection of the second image is based on varying the stereo-base.