

CLAIMS:

1. An information processing apparatus comprising:
an accepting unit configured to accept an instruction to move a position of a region for clipping a clipped image from a fisheye image; and

a position determination unit configured to determine the position of the region in the fisheye image;
and

a determination unit configured to determine, based on where the position determined by the position determination unit is located in the fisheye image, a moving amount of the position of the region for moving the position according to the instruction.

2. The information processing apparatus according to claim 1, wherein the position determination unit determines a central position of the region in the fisheye image as the position of the region.

3. The information processing apparatus according to claim 1 or claim 2, wherein, based on a parameter related to the moving amount of the position of the region defined for coordinates of the position of the region in the fisheye image determined by the position determination unit, the determination unit determines the moving amount of the position of the region when an instruction for moving the

position is issued.

4. The information processing apparatus according to claim 3, wherein a value of the parameter is defined according to a distance between the center of the fisheye image and the coordinates.

5. The information processing apparatus according to any preceding claim, wherein, based on the position of the region determined by the position determination unit and an angle of view of the region, the determination unit determines the moving amount of the position of the region when an instruction for moving the position is issued.

6. The information processing apparatus according to any preceding claim, wherein, based on the position of the region determined by the position determination unit and an installation status of an imaging apparatus which has captured the fisheye image, the determination unit determines the moving amount of the position of the region.

7. The information processing apparatus according to any preceding claim, further comprising a moving unit configured to, if an instruction for moving the region is received, move the position of the region by the moving amount of the position of the region determined by the determination unit in a direction specified by the

instruction.

8. The information processing apparatus according to claim 7, wherein the determination unit determines the moving amount of the position of the region corresponding to one instruction which is for moving the position.

9. The information processing apparatus according to any preceding claim, wherein the information processing apparatus is an imaging apparatus configured to capture the fisheye image.

10. The information processing apparatus according to any preceding claim, wherein the information processing apparatus is capable of communicating with an imaging apparatus configured to capture the fisheye image.

11. The information processing apparatus according to any preceding claim, further comprising an output unit configured to output an image of the clipping portion.

12. The information processing apparatus according to any preceding claim, wherein, in a case where the region exists at a position away from a predetermined position in the fisheye image by a first distance, the determination unit determines, as the moving amount of the position of the region, a moving amount smaller than a moving amount in

a case where the region exists at a position away from the predetermined position in the fisheye image by a second distance shorter than the first distance.

13. The information processing apparatus according to claim 12, wherein the predetermined position is a central position of the fisheye image.

14. The information processing apparatus according to claim 12 or claim 13, wherein, in a case where an imaging apparatus configured to capture the fisheye image is installed on a ceiling or desk and the region exists at a position away from the predetermined position by a first distance, the determination unit determines, as the moving amount of the position of the region, a moving amount smaller than a moving amount in a case where the region exists at a position away from the predetermined position in the fisheye image by the second distance.

15. The information processing apparatus according to any preceding claim, wherein, in a case where the region exists at a position away from a predetermined position in the fisheye image by a first distance, the determination unit determines, as the moving amount of the position of the region, a moving amount larger than a moving amount in a case where the region exists at a position away from the predetermined position in the fisheye image by a second

distance shorter than the first distance.

16. The information processing apparatus according to claim 15, wherein the predetermined position is a central position of the fisheye image.

17. The information processing apparatus according to claim 15 or claim 16, wherein, in a case where the imaging apparatus configured to capture the fisheye image is installed on a wall and the region exists at a position away from the predetermined position by a first distance, the determination unit determines, as the moving amount of the position of the region, a moving amount larger than a moving amount in a case where the region exists at a position away from the predetermined position in the fisheye image by the second distance.

18. An information processing method performed by an information processing apparatus, the information processing method comprising:

- an accepting step for accepting an instruction to move a position of a region for clipping a clipped image from a fisheye image;

- a position determining step for determining the position of the region in the fisheye image; and

- a determining step for determining, based on where the position determined by the position determining step is

located in the fisheye image, a moving amount of the position of the region for moving the position according to the instruction.

19. A computer-readable recording medium storing a program for causing a computer to function as an information processing apparatus comprising:

an accepting unit configured to accept an instruction to move a position of a region for clipping a clipped image from a fisheye image;

a position determination unit configured to determine the position of the region in the fisheye image; and

a determination unit configured to determine, based on where the position determined by the position determination unit is located in the fisheye image, a moving amount of the position of the region for moving the position according to the instruction.