CLAIMS

1. A brake structure for a mobile object comprising a pair of brake structures for braking a pair of wheels individually in a mobile object including the pair of wheels, each of the pair of brake structures comprising:

a wheel brake section for braking one of the pair of wheels;

a grip to be held by an operator for a moving operation of the mobile object, the grip including a base fixed to the mobile object so as to be positioned at a reference position at a non-braking time, the reference position being ~~at any~~ a fixed position around one axis along a travel direction of the mobile object, the grip extending in such a manner as to protrude from the one axis in a radial direction as viewed from the travel direction of the mobile object, and the grip being mounted rotatably in one direction; and

a braking operation section for operating the wheel brake section in accordance with rotation of the grip; ~~.~~

wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with a side of the base of the grip as a center of rotation.

2. The brake structure for a mobile object according to claim 1, wherein the grip extends on a virtual plane ~~passing the base of the grip and~~ being orthogonal to the travel direction of the mobile object or forward of the virtual plane, or extends on a virtual horizontal plane ~~passing the base~~ or downward of the virtual horizontal plane, the base of the grip being disposed on the virtual plane and the virtual horizontal plane.

3. The brake structure for a mobile object according to claim 2, wherein the grip extends on the virtual plane ~~passing the base of the grip and~~ being orthogonal to the travel direction of the mobile object or forward of the virtual plane as well as on the virtual horizontal plane ~~passing the base~~ or upward of the virtual horizontal plane, or extends on the virtual plane ~~passing the base~~ and being orthogonal to the travel direction of the mobile object or backward of the virtual plane as well as on the virtual horizontal plane ~~passing the base~~ or downward of the virtual

horizontal plane, the base of the grip being disposed on the virtual plane and the virtual horizontal plane.

4. The brake structure for a mobile object according to claim 1, wherein the grip extends within a total width of the mobile object.

5. The brake structure for a mobile object according to claim 1, wherein the grip extends upward or downward as viewed from the travel direction of the mobile object.

~~6. The brake structure for a mobile object according to claim 1, wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with the base side of the grip as a center of rotation.~~

~~7. The brake structure for a mobile object according to claim 1, wherein the grip is mounted rotatably with an extension direction of the grip as the axis of rotation.~~

6~~8~~. The brake structure for a mobile object according to claim 2, wherein the grip extends within a total width of the mobile object.

7~~9~~. The brake structure for a mobile object according to claim 3, wherein the grip extends within a total width of the mobile object.

8~~10~~. The brake structure for a mobile object according to claim 2, wherein the grip extends upward or downward as viewed from the travel direction of the mobile object.

9~~11~~. The brake structure for a mobile object according to claim 3, wherein the grip extends upward or downward as viewed from the travel direction of the mobile object.

10~~12~~. The brake structure for a mobile object according to claim 4, wherein the grip extends upward or downward as viewed from the travel direction of the mobile object.

~~13. The brake structure for a mobile object according to claim 2, wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with the base side of the grip as a center of rotation.~~

~~14. The brake structure for a mobile object according to claim 3, wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with the base side of the grip as a center of rotation.~~

~~15. The brake structure for a mobile object according to claim 4, wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with the base side of the grip as a center of rotation.~~

~~16. The brake structure for a mobile object according to claim 5, wherein the grip is mounted rotatably around an axis of rotation along the travel direction of the mobile object or a direction tilting with respect to the travel direction, with the base side of the grip as a center of rotation.~~

~~17. The brake structure for a mobile object according to claim 2, wherein the grip is mounted rotatably with an extension direction of the grip as the axis of rotation.~~

~~18. The brake structure for a mobile object according to claim 3, wherein the grip is mounted rotatably with an extension direction of the grip as the axis of rotation.~~

~~19. The brake structure for a mobile object according to claim 4, wherein the grip is mounted rotatably with an extension direction of the grip as the axis of rotation.~~

~~20. The brake structure for a mobile object according to claim 5, wherein the grip is mounted rotatably with an extension direction of the grip as the axis of rotation.~~