CLAIMS

1. An overhead transport vehicle comprising:

a body configured to travel along a track; and

an elevator configured to be elevated and lowered by a suspension member with respect to the body, the elevator including a gripper configured to grip an article, wherein

the elevator includes

a base having the gripper, and

a support supporting the base to be vertically movable from below in a vertical direction through a vibration isolator, and

a shaft portion having one end disposed at the support, the shaft portion passing through a through hole provided in the base, and

the vibration isolator includes

a first biasing portion disposed in contact with both of the support and the base and configured to urge the support and the base in a direction away from each other, and

a second biasing portion disposed at one of the support and the base and configured to come into contact with both of the support and the base and urge the support and the base in a direction away from each other when a load equal to or greater than a predetermined value is applied to the first biasing portion, wherein

the shaft portion is disposed through the first biasing portion,

at the other end of the shaft portion, a clamping member is disposed to clamp a third biasing portion with the base, and

the third biasing member is configured to come into contact with both of the base and the clamping member and urge the base and the

clamping member in a direction away from each other.

.

2. The overhead transport vehicle according to claim 1, wherein

a plurality of the supports are disposed and coupled to each other by a link mechanism, and

the link mechanism is configured to operate such that respective distances between the supports coupled to each other and the base are brought closer to each other.

3. The overhead transport vehicle according to claim 1 or 2, wherein the second biasing portion is formed with a member having viscoelasticity.

4. The overhead transport vehicle according to any one of claims 1 to 3, wherein

the article is an empty container that does not contain a content or is a container that contains the content, and

the first biasing portion is preloaded such that the first biasing portion is not compressed when the empty container is gripped.

5. The overhead transport vehicle according to any one of claims 1 to 4, wherein

~~the elevator further includes a shaft portion having one end disposed at the support, the shaft portion passing through a through hole provided in the base,~~

~~the shaft portion is disposed through the first biasing portion,~~

~~at the other end of the shaft portion, a clamping member is disposed to clamp a third biasing portion with the base, and~~

~~the third biasing member is configured to come into contact with both of the base and the clamping member and urge the base and the clamping member in a direction away from each other.~~

~~6. The overhead transport vehicle according to claim 5, wherein~~ the third biasing portion is formed with a member having viscoelasticity.