What is claimed is:

1. A low altitude head-type excavation apparatus, comprising:

a conveying rail that is disposed on a base machine including an excavating pedestal, an actuator, and a winch through a frame ~~and is provided to horizontally extend on the excavation pedestal~~;

a first moving body including a front wheel gear and a rear wheel gear and reciprocably disposed on ~~along an extending direction of~~ the conveying rail;

a rotation transmission member that is bridged between the front wheel gear and the rear wheel gear and that has one point ~~end~~ fixed to the conveying rail;

a second moving body that is fixed to another point ~~end~~ of the rotation transmission member and that reciprocates between the front wheel gear and the rear wheel gear in accordance with movement of the first moving body; and

an excavator that is liftably suspended and supported on the second moving body,

wherein the second moving body reciprocates between the front wheel gear and the rear wheel gear of the first moving body while the first moving body reciprocates on the conveying rail by the actuator, and

the excavator is liftably moved by the winch in a state where the second moving body is fixed at a predetermined position that stops the drive of the actuator.

2. The low altitude head-type excavation apparatus according to claim 1, wherein, an oil-pressure cylinder is disposed on one end of the

conveying rail, and the conveying rail is horizontally disposed ~~extends~~ from the one end through the excavating pedestal to another end.

3. The low altitude head-type excavation apparatus according to claim ~~1~~ 2,

wherein, the first moving body has one end connected to the oil-pressure cylinder

and reciprocates between one end and another end of the conveying rail by the oil-pressure cylinder.

4. The low altitude head-type excavation apparatus according to claim 1, wherein, the rotation transmission member is a timing chain or timing belt bridged between the front wheel gear and the rear wheel gear of the first moving body and is rotated by engaging with the front wheel gear and the rear wheel gear.

5. The low altitude head-type excavation apparatus according to claim 1, wherein, a pulley section is provided on the second moving body, and the excavator is suspended and supported through the pulley section.

6. The low altitude head-type excavation apparatus according to claim 1, wherein, the excavator is liftably suspended and supported by a wire extending from the winch provided at one end of the conveying rail through a pulley section of the second moving body.

7. The low altitude head-type excavation apparatus according to claim