CLAIMS

1. Test fish handling equipment comprising:

a holder for holding a test fish,

wherein the holder includes a posture maintaining groove for maintaining the test fish supplied together with water in a predetermined posture,

wherein at least an inner surface of the posture maintaining groove is made of a flexible material, and

wherein the posture maintaining groove includes an upper groove portion that opens upward and a lower groove portion that continues downward and is wider than the upper groove portion.

2. The test fish handling equipment according to Claim 1,

wherein the posture maintaining groove is formed with the same width from a front end side to a rear end side.

3. Test fish handling equipment comprising:

a holder for holding a test fish, and

guiding means for guiding the test fish to the holder together with water,

wherein the holder includes a posture maintaining groove for maintaining the test fish supplied together with water in a predetermined posture,

wherein at least an inner surface of the posture maintaining groove is made of a flexible material,

wherein one end of the guiding means includes a supply port through which the test fish is supplied together with water, and the other end includes a discharge port through which the test fish is discharged to the posture maintaining groove together with the water,

wherein the guiding means includes a pipe member, one end thereof having the supply port and the other end having the discharge port,

a pipe-shaped discharge portion disposed above and adjacent to the posture maintaining groove is connected to the discharge port,

the discharge portion includes a slit facing the posture maintaining groove along the groove, and

the test fish is discharged from the slit to the posture maintaining groove in a predetermined posture together with the water.

4. The test fish handling equipment according to Claim 3, further comprising:

a first water tank that accommodates the test fish before being supplied to the supply port; and

a second water tank that accommodates the test fish released from holding of the holder.

5. The test fish handling equipment according to Claim 3, further comprising:

water flow forming means for forming a water flow inside the pipe member by supplying the water to the supply port.

6. The test fish handling equipment according to Claim 3,

wherein a funnel-shaped funnel portion for guiding the test fish together with the water to the supply port is connected to the supply port.

7. The test fish handling equipment according to Claim 3, further comprising:

a water receiver in which the handling portion is installed and which receives the water discharged from the holder.

8. The test fish handling equipment according to any one of Claims 1 to 7,

wherein the holder is made of a flexible, water-permeable, and water-retentive material.

9. The test fish handling equipment according to any one of Claims 1 to 7,

wherein the posture maintaining groove is tapered toward a front end side.

10. The test fish handling equipment according to any one of Claims 1 to 7,

wherein a depth of the posture maintaining groove is set to be greater than a height of the test fish held by the posture maintaining groove.

11. A test fish handling method comprising:

using the test fish handling equipment according to any one of Claims 1 to 7; and

performing a predetermined handling on the test fish held by the holder,

wherein as the predetermined handling, administration is performed to administer a test substance to the test fish.

12. The test fish handling method according to Claim 11,

wherein as the predetermined handling, oral administration is performed to directly and

orally administer a test substance to the test fish through an oral tube inserted into an oral cavity of the test fish maintained in a predetermined posture by the posture maintaining groove of the holder.

13. The test fish handling method according to Claim 11,

wherein as the predetermined handling, parenteral administration is performed to administer a test substance to the test fish by injection into the test fish maintained in a predetermined posture by the posture maintaining groove of the holder.