WHAT IS CLAIMED IS:

1. A one-way clutch for a fishing reel, comprising:

an outer race being engaged with a first component of the fishing reel, the first component being selected from a group consisting a rotor, a reel unit, and a spool;

an inner race being engaged with a second component of the fishing reel, the second component being selected from a group consisting a brake unit, the pinion gear, a handle shaft, and a drag mechanism;

a first roller being disposed between the outer race and the inner race, the first roller being disposed to make contact with the outer race and the inner race;

a second roller being disposed between the outer race and the inner race, the second roller being disposed to make contact with the outer race and the inner race; and

a cam surface being disposed on either an inner peripheral surface of the outer race or an outer peripheral surface of the inner race, the cam surface being disposed to allow the first roller and the second roller to get stuck therewith,

the first roller and the second roller being disposed at a predetermined interval in a circumferential direction of the outer race, and

the first roller having a coefficient of friction greater than a coefficient of friction of the second roller.

2. The one-way clutch for the fishing reel according to claim 1, wherein

the first roller has an outer diameter greater than an outer diameter of the second roller.

3. The one-way clutch for the fishing reel according to claim 2, wherein

the outer diameter of the first roller is in a range of 100.5 - 102.5 % of the outer diameter of the second roller.

4. The one-way clutch for the fishing reel according to claim 1, wherein

the first roller has a Young's modulus less than a Young's modulus of the second roller.

5. The one-way clutch for the fishing reel according to claim 4, wherein

the first roller is made of a β titanium alloy, and

the second roller is made of a stainless alloy.

6. The one-way clutch for the fishing reel according to claim 1,wherein

the cam surface includes a stuck surface section on the outer peripheral surface of the inner race,

distance from a center of the inner race to the stuck surface section is gradually increased, and

the outer race includes an inner peripheral surface being cylindrical.

7. The one-way clutch for a fishing reel according to claim 1, wherein

the cam surface includes a stuck surface section on the inner peripheral surface of the outer race,

a distance from a center of the outer race to the stuck surface section is gradually reduced, and

the inner race includes a outer peripheral surface being cylindrical.

8. The one-way clutch for the fishing reel according to claim 1, wherein

the fishing reel is a spinning reel being configured to reel out a fishing line in a direction intersecting with a fishing line winding direction of a spool,

the first component is the rotor, and

the second component is the brake unit.

9. The one-way clutch for a fishing reel according to claim 1,wherein

the fishing reel is a spinning reel being configured to reel out a fishing line in a direction intersecting with a fishing line winding direction of a spool,

the first component is the reel unit, and

the second component is the pinion gear.

10. The one-way clutch for a fishing reel according to claim 1, wherein

the fishing reel is a dual-bearing reel being configured to reel out a fishing line in a rotational direction of a spool,

the first component is the reel unit,

the second component is the handle shaft.

11. The one-way clutch for a fishing reel according to claim 1, wherein

the fishing reel is a single-bearing reel being configured to reel out a fishing line in a rotational direction of a spool,

the first component is the spool,

the second component is the drag mechanism.

CLAIMS:

1. A one-way clutch for a fishing reel, comprising:

an outer race being engaged with a first component of the fishing reel, the first component being selected from a group consisting a rotor, a reel unit, and a spool;

an inner race being engaged with a second component of the fishing reel, the second component being selected from a group consisting a brake unit, the pinion gear, a handle shaft, and a drag mechanism;

a first roller being disposed between the outer ace and the inner race, the first roller being disposed to make contact with the outer race and the inner race;

a second roller being disposed between the outer race and the inner race, the second roller being disposed to make contact with the outer race and the inner race; and

a cam surface being disposed on either an inner peripheral surface of the outer race or an outer peripheral surface of the inner race, the cam surface being disposed to allow the first roller and the second roller to get stuck therewith,

the first roller and the second roller being disposed at a predetermined interval in a circumferential direction of the outer race, and

the first roller having a coefficient of friction greater than a coefficient of friction of the second roller,

the first roller having an outer diameter greater than an outer diameter of the second roller.

2. The one-way clutch for the fishing reel according to claim 1, wherein

the first roller has a Young's modulus less than a Young's modulus of the second roller.

3. The one-way clutch for the fishing reel according to claim 2, wherein

the first roller is made of a β titanium alloy, and

the second roller is made of a stainless alloy.

4. The one-way clutch for the fishing reel according to claim 1, wherein

the cam surface includes a stuck surface section on the outer peripheral surface of the inner race,

distance from a center of the inner race to the stuck surface section is gradually increased, and

the outer race includes an inner peripheral surface being cylindrical.

5. The one-way clutch for a fishing reel according to claim 1, wherein

the cam surface includes a stuck surface section on the inner peripheral surface of the outer race,

a distance from a center of the outer race to the stuck surface section is gradually reduced, and

the inner race includes an outer peripheral surface being cylindrical.

6. The one-way clutch for the fishing reel according to claim 1, wherein

the fishing reel is a spinning reel being configured to reel out a fishing line in a direction intersecting with a fishing line winding direction of a spool,

the first component is the rotor, and

the second component is the brake unit.

7. The one-way clutch for a fishing reel according to claim 1, wherein

the fishing reel is a spinning reel being configured to reel out a fishing line in a direction intersecting with a fishing line winding direction of a spool,

the first component is the reel unit, and

the second component is the pinion gear.

8. The one-way clutch for a fishing reel according to claim 1, wherein

the fishing reel is a dual-bearing reel being configured to reel out a fishing line in a rotational direction of a spool,

the first component is the reel unit,

the second component is the handle shaft.

9. The one-way clutch for a fishing reel according to claim 1, wherein

the fishing reel is a single-bearing reel being configured to reel out a fishing line in a rotational direction of a spool,

the first component is the spool,

the second component is the drag mechanism.

10. A one-way clutch for a fishing reel, comprising:

an outer race being engaged with a first component of the fishing reel, the first component being selected from a group consisting a rotor, a reel unit, and a spool;

an inner race being engaged with a second component of the fishing reel, the second component being selected from a group consisting a brake unit, the pinion gear, a handle shaft, and a drag mechanism;

a first roller being disposed between the outer race and the inner race, the first roller being disposed to make contact with the outer race and the inner race;

a second roller being disposed between the outer race and the inner race, the second roller being disposed to make contact with the outer race and the inner race; and

a cam surface being disposed on either an inner peripheral surface of the outer race or an outer peripheral surface of the inner race, the cam surface being disposed to allow the first roller and the second roller to get stuck therewith,

the first roller and the second roller being disposed at a predetermined interval in a circumferential direction of the outer race, and

the first roller having a coefficient of friction greater than a coefficient of friction of the second roller,

the outer diameter of the first roller being in a range of 100.5-102.5% of the outer diameter of the second roller.